THE REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT,
WATER AND NATURAL RESOURCES
WATER RESOURCES MANAGEMENT
AUTHORITY

THE REPUBLIC OF KENYA

THE PROJECT
ON
THE DEVELOPMENT OF
THE NATIONAL WATER MASTER PLAN 2030

FINAL REPORT
VOLUME - VII DATA BOOK

OCTOBER 2013

JAPAN INTERNATIONAL COOPERATION AGENCY

NIPPON KOEI CO., LTD.

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FINAL REPORT

List of Reports

VOLUME - I EXECUTIVE SUMMARY

VOLUME - II MAIN REPORT (1/2)
- Part A : Overall Concepts and Frameworks
- Part B : Lake Victoria North Catchment Area
- Part C : Lake Victoria South Catchment Area
- Part D : Rift Valley Catchment Area

VOLUME - III MAIN REPORT (2/2)
- Part E : Athi Catchment Area
- Part F : Tana Catchment Area
- Part G : Ewaso Ng'iro North Catchment Area
- Part H : Action Plan for WRMA Regional Offices toward 2022

VOLUME - IV SECTORAL REPORT (1/3)
- A : Socio-economy
- B : Meteorology and Hydrology
- C : Water Supply
- D : Sanitation

VOLUME - V SECTORAL REPORT (2/3)
- E : Agriculture and Irrigation
- F : Hydropower
- G : Water Resources Development
- H : Water Resources Management
- J : Flood and Drought Disaster Management

VOLUME - VI SECTORAL REPORT (3/3)
- K : Environmental and Social Considerations
- L : Institution
- M : Database and GIS
- N : Pilot Activities

VOLUME - VII DATA BOOK
- Part A : Meteorological and Hydrological Data
- Part B : Irrigation Inventory
- Part C : Subletting Works

EXCHANGE RATE

US$1.00 = KSh 85.24 = ¥79.98

as of November 1, 2012

NOTE

1. The National Water Master Plan 2030 was prepared based on the material and data provided from Kenyan Government and its relevant organizations during field surveys in Kenya carried out until November 2012. The sources etc. of the material and data utilized for the study are described in the relevant part of the reports.

2. The names of ministries and related organizations of Kenyan Government are as of November 2012.

3. Information to be updated

   The following information which is given in the report is needed to be updated properly:

   (1) Information on the proposed development projects

   The features and implementation schedules of the proposed development projects may be changed toward implementation of the project. After the subject projects were clearly featured for implementation, the project features and implementation schedules in this report should be updated.

   (2) Information on the water demand

   The water demand projected in this master plan should be revised when the large scale development plans, other than the projects proposed in this master plan, were formulated, as they will significantly affect to the water resources development and management.

4. Exchange rate for cost estimate

   The costs of the proposed development and management plans were estimated by applying the following exchange rate as of November 1, 2012.

EXCHANGE RATE
US$1.00 = KSh 85.24 = ¥79.98
as of November 1, 2012

Part A
Meteorological and Hydrological Data

METEOROLOGICAL AND HYDROLOGICAL DATA

This Data Book Part A includes the meteorological data and hydrological data collected for the hydro-meteorological study during the development of NWMP 2030.

Regarding the meteorological data provided by Kenya Meteorological Department (KMD), only processed data were compiled in this Data Book following the data policy of KMD. Original meteorological data are available in KMD.

1. Monthly Meteorological Data Used for Hydrological Analysis (by Sub-basin)

   1.1 Rainfall

   1991 – 2010 (calculated based on the observed data)
   2021 – 2040 (projected under future climate)

   1.2 Temperature

   1991 – 2010 (calculated based on the observed data)
   2021 – 2040 (projected under future climate)

2. Monthly Surface Water Used for Water Balance Study

   1991 – 2010 (calculated by rainfall - runoff analysis)
   2021 – 2040 (calculated by rainfall - runoff analysis)

3. Estimated Annual Sustainable Yield of Groundwater

   1991 – 2010 (calculated by rainfall - runoff analysis)
   2021 – 2040 (calculated by rainfall - runoff analysis)

1. Monthly Meteorological Data Used for Hydrological Analysis (by Sub-basin)

Monthly Rainfall by Sub-basin

Year 1991 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.0	2.3	4.6	6.0	8.1	3.8	3.5	3.1	4.1	5.8	2.0	1.3
	1AB	2.0	1.7	4.3	4.9	6.8	3.7	4.3	3.9	4.4	5.3	2.0	0.8
	1AC	2.1	2.0	4.2	5.5	7.1	3.3	4.1	3.2	4.2	5.4	1.7	0.8
	1AD	2.1	2.7	4.8	7.5	9.7	4.0	3.3	2.7	3.3	6.0	1.9	1.6
	1AE	2.2	3.2	5.2	8.3	12.1	4.9	2.4	2.5	3.2	6.9	2.6	2.5
	1AF	2.3	2.6	4.8	7.1	9.4	3.7	3.1	2.6	3.4	5.8	1.9	1.6
	1AG	2.3	2.6	5.2	7.4	9.3	3.5	2.9	2.8	3.3	5.7	2.1	1.8
	1AH	2.0	2.7	5.6	8.5	9.5	4.3	2.5	2.3	2.9	6.1	2.4	2.7
	1BA	3.3	0.8	4.1	1.0	3.5	4.9	5.3	7.2	0.7	2.9	2.1	1.1
	1BB	1.9	0.8	3.7	1.8	4.0	4.9	6.1	7.8	1.5	4.0	1.8	0.7
	1BC	1.2	0.5	3.8	2.9	4.8	5.8	7.5	7.7	2.0	5.3	1.7	0.2
	1BD	2.0	1.1	4.5	2.9	4.2	4.3	5.7	6.3	3.1	4.1	2.3	0.8
	1BE	1.4	0.8	4.1	3.6	5.1	4.9	6.6	6.5	3.2	5.6	1.9	0.3
	1BG	1.4	1.1	4.6	4.1	5.7	4.5	5.9	6.2	4.6	5.4	2.3	0.4
	1BH	1.6	1.4	4.7	4.5	5.9	4.1	5.3	5.5	5.0	5.5	2.3	0.5
	1CA	2.9	0.8	5.2	2.2	3.3	5.4	6.2	6.3	1.8	2.7	2.4	1.0
	1CB	2.8	0.8	5.6	3.0	3.5	6.1	6.2	6.4	2.0	2.7	2.4	1.1
	1CC	2.8	0.8	5.4	3.6	4.3	7.1	5.2	5.9	2.2	2.9	2.1	1.3
	1CD	1.8	1.5	4.9	4.5	5.1	5.0	6.1	5.5	3.5	4.5	2.2	0.8
	1CE	1.3	2.1	4.9	5.4	5.8	3.7	5.6	5.7	5.2	6.4	2.4	0.8
	1DA	1.7	2.3	4.8	6.3	7.5	3.6	5.3	5.2	4.8	6.5	2.1	0.8
	1DB	1.9	1.7	4.5	5.0	6.3	3.6	4.8	4.5	4.6	5.4	2.0	0.6
	1DC	2.2	2.2	4.7	6.0	7.9	3.3	4.2	4.0	4.2	5.7	1.9	1.0
	1DD	2.4	2.4	4.9	6.6	8.4	3.2	3.5	3.3	3.7	5.5	1.8	1.3
	1EA	2.3	2.5	5.3	6.7	9.7	4.4	5.1	5.8	4.6	6.8	2.5	1.2
	1EB	2.9	3.0	5.8	6.9	11.4	3.5	3.9	5.8	4.6	6.9	2.8	1.8
	1EC	2.1	2.6	5.2	7.0	9.3	3.8	5.1	5.6	4.3	6.5	2.2	1.1
	1ED	2.2	2.6	5.9	7.9	9.2	3.3	3.4	4.1	3.6	5.8	2.3	1.9
	1EE	1.7	2.3	6.4	9.1	7.4	3.5	2.7	2.7	2.7	5.3	2.3	2.6
	1EF	2.0	2.2	6.1	8.7	7.2	3.7	2.6	2.3	2.6	5.4	2.3	2.8
	1EG	2.1	2.2	6.8	8.9	7.3	3.2	2.7	3.3	3.0	5.4	2.4	2.6
	1FA	2.6	0.9	4.7	4.3	5.1	7.6	4.5	5.4	2.8	3.6	1.7	1.2
	1FB	2.4	1.5	5.1	5.1	6.7	5.8	5.1	4.5	3.5	4.7	2.1	1.0
	1FC	2.7	1.6	5.3	5.3	7.4	6.3	4.4	3.8	3.7	5.0	2.1	1.2
	1FD	2.7	1.2	5.1	5.0	6.7	7.0	3.7	3.0	3.3	4.6	1.7	1.2
	1FE	3.0	2.3	5.8	6.6	10.0	4.3	3.6	4.5	4.1	6.6	2.5	1.6
	1FF	3.2	2.1	6.1	7.0	9.4	3.4	2.4	3.5	3.7	6.3	2.3	2.0
	1FG	2.4	1.5	6.5	8.2	5.3	3.2	2.4	2.4	2.5	5.1	2.4	3.2
LVSCA	1GA	3.1	0.9	4.4	5.5	5.1	7.0	3.4	4.8	2.7	4.4	1.5	1.0
	1GB	3.5	1.0	6.1	5.3	6.3	6.4	3.1	2.5	2.6	5.3	1.8	1.2
	1GC	4.4	0.5	4.1	5.9	5.3	6.2	3.8	5.9	2.8	4.5	1.9	1.1
	1GD	5.0	0.7	5.9	6.0	6.2	5.5	2.6	3.0	2.0	5.3	2.0	1.2
	1GE	5.5	0.7	5.2	5.6	7.1	6.1	2.6	3.9	2.4	6.0	2.4	1.6
	1GF	4.9	1.0	4.6	5.4	6.9	5.3	2.0	3.2	2.4	6.2	2.3	1.6
	1GG	4.7	0.7	5.0	6.4	5.7	6.8	3.3	5.1	2.6	4.7	1.8	1.0
	1HA1	3.7	1.5	5.4	5.4	8.5	3.9	2.0	2.2	3.1	6.2	1.9	1.4
	1HA2	3.8	1.0	5.3	5.1	6.9	4.2	1.9	1.7	2.3	5.8	1.8	1.2
	1HB1	2.8	1.3	6.3	7.6	5.6	2.9	2.1	2.3	2.6	5.2	2.2	2.7
	1HB2	3.6	1.6	5.8	6.1	8.6	3.1	1.6	2.2	3.2	6.2	1.9	1.7
	1HC	2.5	1.0	6.0	7.9	4.1	2.7	2.2	2.0	2.1	4.8	2.3	3.0
	1HD	4.1	1.9	4.5	6.2	6.0	5.6	1.6	3.6	3.4	5.8	2.9	2.5
	1HE	3.5	2.3	4.2	6.6	6.2	4.9	1.3	3.4	3.5	5.9	3.4	2.5
	1HF	2.9	2.0	3.1	7.5	5.8	2.3	1.6	2.5	1.8	5.6	2.9	1.7
	1HG	2.9	2.0	3.2	7.6	5.0	1.9	1.7	2.0	1.4	5.4	2.7	2.0
	1JA	5.4	0.7	4.4	6.5	6.4	7.4	3.4	6.0	3.4	5.4	2.3	1.8
	1JB	6.5	1.0	5.1	7.0	7.8	9.1	3.3	6.5	3.9	6.9	2.7	2.2
	1JC	6.4	0.7	5.4	6.5	8.2	7.7	3.6	6.1	3.8	6.5	2.8	1.7
	1JD	6.4	1.0	5.0	6.6	7.9	8.4	3.4	6.3	3.8	7.0	2.7	2.2
	1JE	4.6	2.2	4.9	6.6	4.7	7.9	1.8	4.8	3.3	4.9	2.0	2.7
	1JF	4.9	1.4	4.3	6.4	5.6	7.8	2.8	5.7	3.7	5.3	2.1	2.3
	1JG1	5.3	1.5	4.5	6.3	6.4	7.2	2.6	5.1	3.4	6.1	2.5	2.4
	1JG2	4.4	1.7	4.4	5.9	6.6	5.4	1.6	3.2	3.1	6.0	2.6	2.2
	1KA	3.6	2.8	4.4	6.8	6.1	4.9	1.1	3.5	3.3	6.2	3.9	2.6
	1KB	3.8	2.7	3.9	7.0	5.6	4.0	1.2	2.7	2.1	6.0	3.2	2.1
	1KC	5.2	3.2	5.0	6.5	5.0	5.1	1.0	2.4	1.8	5.3	2.5	2.6
	1LA1	4.3	1.3	3.9	5.9	4.9	7.1	2.5	5.1	3.0	4.4	1.9	1.9
	1LA2	6.2	4.3	4.9	5.7	4.1	6.1	0.9	2.3	2.3	4.0	1.3	3.0
	1LA3	3.8	2.3	3.9	5.2	5.1	3.5	0.5	1.0	1.5	3.5	1.4	2.9
	1LB1	3.9	1.5	3.5	5.7	4.2	6.2	2.0	4.1	2.5	3.6	1.5	2.1
	1LB2	4.4	2.9	3.8	5.4	4.5	4.6	0.6	1.6	1.8	3.5	1.1	2.7

Monthly Rainfall by Sub-basin

Year 1991 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	1.7	0.1	2.2	0.5	1.0	0.0	0.2	0.1	0.0	0.5	0.1	0.2
	2AB	1.1	0.1	2.0	0.2	1.1	0.0	0.2	0.3	0.0	0.4	0.0	0.1
	2BA	1.2	0.4	3.7	2.2	4.6	5.2	6.5	7.4	1.5	4.6	1.5	0.3
	2BB	1.1	0.2	2.8	1.4	3.4	3.0	3.7	4.9	0.5	3.6	1.0	0.3
	2BC	1.2	0.2	3.4	1.9	4.4	3.4	4.3	4.9	1.4	4.1	1.1	0.2
	2BD	0.9	0.0	1.3	0.5	1.2	0.2	0.5	1.1	0.0	1.2	0.1	0.1
	2CA	0.8	0.0	1.1	0.4	0.9	0.0	0.3	0.8	0.0	0.8	0.0	0.1
	2CB	3.6	0.5	5.0	1.9	3.3	6.3	4.7	7.1	0.9	2.4	2.4	1.3
	2CC	1.3	0.2	1.9	1.0	2.0	1.6	1.8	3.1	0.2	2.1	0.7	0.4
	2D	1.7	0.2	2.0	2.0	2.1	2.4	1.7	3.6	0.3	2.5	1.8	1.0
	2EA	1.4	0.4	3.2	3.0	2.2	2.9	4.0	5.1	2.0	1.6	1.4	1.2
	2EB	1.2	0.4	3.1	2.3	2.4	3.4	3.4	5.6	1.5	1.4	1.4	1.2
	2EC	1.7	0.4	2.5	3.6	2.1	2.8	4.6	4.1	2.2	1.7	1.5	0.9
	2ED	1.9	0.6	2.9	3.7	3.2	6.1	4.4	7.2	2.1	3.3	1.6	0.9
	2EE	2.4	0.4	4.1	2.6	3.0	4.7	3.7	6.8	0.8	2.0	2.1	1.2
	2EF	1.7	0.4	2.6	3.5	2.5	3.9	4.2	6.2	1.7	2.5	1.6	0.9
	2EG1	1.9	0.3	2.3	4.5	2.4	3.8	4.4	4.9	2.3	1.9	1.4	0.8
	2EG2	1.7	0.3	2.9	2.9	2.4	3.5	3.7	5.7	1.3	1.8	1.7	0.9
	2EH	2.8	0.3	4.1	1.7	2.8	5.7	3.5	6.7	0.5	1.8	2.5	1.1
	2EJ	1.6	0.3	2.0	2.3	1.9	3.5	2.1	4.7	0.4	1.8	2.6	1.4
	2EK	0.8	0.4	2.4	1.7	2.3	3.6	2.3	5.2	0.7	1.1	1.5	1.0
	2FA	1.5	0.4	3.0	3.5	2.7	4.8	1.9	3.5	2.4	1.7	1.6	1.0
	2FB	1.6	0.3	2.7	3.4	2.0	2.7	3.9	3.8	2.5	1.7	1.6	0.9
	2FC	1.7	0.3	2.5	4.0	2.3	3.7	2.9	3.5	2.4	1.5	1.5	0.8
	2GA	1.1	0.5	3.6	3.7	2.7	4.7	1.6	3.2	2.1	1.9	1.5	1.1
	2GB	1.1	0.6	3.6	3.3	3.0	4.8	1.8	3.5	2.2	2.1	1.5	1.3
	2GC	0.8	0.9	4.4	4.4	5.3	4.6	1.4	2.4	2.1	3.8	2.0	1.4
	2GD	1.0	0.5	3.7	4.9	4.1	4.3	1.2	2.4	1.7	2.7	1.7	1.2
	2H-1	0.9	0.3	3.4	4.2	6.1	1.7	0.5	1.0	0.4	2.2	3.3	3.1
	2H-2	0.8	0.3	3.2	3.8	5.9	0.9	0.2	0.7	0.1	1.9	3.9	4.0
	2H-3	0.7	0.3	3.1	2.9	4.1	0.6	0.1	0.6	0.1	2.0	4.0	4.7
	2J	1.0	0.1	1.8	0.2	1.0	0.0	0.2	0.6	0.0	0.5	0.0	0.1
	2KA	2.2	0.5	2.8	4.9	4.1	3.4	1.0	1.9	1.3	2.3	1.1	1.7
	2KB	1.3	0.3	3.2	4.5	6.1	1.6	0.3	0.5	0.5	2.1	2.2	2.8
	2KC	1.7	0.3	3.3	3.9	5.9	1.2	0.2	0.4	0.4	2.2	2.6	3.5
ACA	3AA	0.9	0.2	3.0	4.2	6.4	0.8	0.1	0.9	0.1	1.7	4.5	3.8
	3AB	1.2	0.4	3.0	2.8	3.7	0.6	0.1	0.6	0.1	2.0	3.7	4.7
	3AC	1.6	0.2	2.7	4.4	4.1	0.5	0.1	0.5	0.1	1.3	4.6	3.4
	3BA	1.0	0.1	3.1	5.2	7.4	1.1	0.3	0.9	0.1	1.6	5.0	3.0
	3BB	1.1	0.1	3.1	5.5	8.3	1.4	0.6	1.0	0.1	2.0	4.9	2.5
	3BC	1.1	0.2	3.5	5.6	8.9	1.9	0.8	1.3	0.3	2.7	4.7	2.4
	3BD	1.2	0.2	3.4	5.7	8.3	1.8	0.8	1.2	0.3	2.6	4.5	2.2
	3CB	1.4	0.2	3.5	5.7	7.3	1.5	0.7	1.0	0.2	2.4	4.7	2.2
	3DA	2.0	0.1	3.0	4.1	2.7	0.3	0.2	0.3	0.1	1.2	5.1	3.4
	3DB	1.6	0.1	2.5	3.8	2.9	0.5	0.5	0.9	0.2	1.1	7.4	4.9
	3EA	2.0	0.2	2.2	3.2	2.3	0.3	0.2	0.5	0.2	1.2	5.1	4.6
	3EB	1.9	0.1	2.3	3.4	3.0	0.5	0.5	0.9	0.2	1.3	6.9	5.2
	3EC	1.4	0.1	2.2	3.3	3.2	0.5	0.6	1.1	0.2	1.6	7.6	5.6
	3ED	1.3	0.0	2.5	3.4	3.4	0.6	0.8	1.3	0.2	1.3	9.0	5.6
	3FA	0.9	0.2	2.4	2.7	2.3	0.3	0.3	0.8	0.1	1.2	5.8	5.0
	3FB	2.2	0.1	2.8	2.3	1.5	0.1	0.2	1.0	0.2	0.4	4.9	5.1
	3G	2.3	0.4	4.1	3.1	2.3	0.3	0.4	1.0	0.3	0.6	3.6	3.9
	3HA	3.3	0.1	4.6	3.3	1.9	0.3	0.5	1.2	0.6	0.7	3.1	4.4
	3HB	1.7	0.0	2.6	2.5	4.9	1.3	2.5	1.4	0.5	0.8	2.1	2.9
	3HC	0.2	0.0	1.1	2.2	7.2	2.1	5.1	1.3	0.5	0.6	1.6	1.4
	3HD1	0.1	0.0	0.7	1.5	9.0	2.4	5.8	1.7	0.5	0.9	1.2	1.5
	3HD2	0.0	0.0	1.2	2.7	7.9	2.0	5.4	1.3	0.6	0.5	1.7	1.4
	3J	1.2	0.3	4.3	5.4	3.0	0.5	0.6	1.7	0.4	0.5	3.4	3.5
	3K	0.1	0.9	3.6	1.3	10.9	4.2	4.1	4.3	0.6	1.4	1.7	1.8
	3LA	1.0	0.1	2.8	2.8	5.9	1.6	2.9	1.8	0.5	0.8	2.1	2.9
	3LB	0.2	0.0	0.8	1.4	9.7	2.5	5.9	1.8	0.5	1.0	1.6	1.6
	3MA-1	0.9	0.2	4.1	5.7	3.1	0.7	1.1	2.5	0.7	0.6	3.3	4.4
	3MA-2	0.3	0.8	3.8	2.8	6.5	2.3	2.8	3.5	0.6	0.9	2.2	3.1
	3MB	0.3	0.8	2.7	1.3	10.5	3.9	4.0	3.3	0.5	1.4	1.6	1.9
	3MC	0.1	1.2	3.8	1.1	10.5	4.4	4.2	4.4	0.5	1.3	1.6	1.7
	3MD1	0.4	0.1	1.9	0.9	14.7	4.1	5.2	2.7	0.6	1.4	1.6	1.3
	3MD2	0.2	0.2	2.9	1.0	14.4	4.7	4.3	3.8	0.6	1.7	1.8	1.2
	3N	1.1	0.4	3.3	2.6	2.1	0.2	0.2	0.6	0.0	1.1	4.2	4.2

Monthly Rainfall by Sub-basin

Year 1991 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.1	0.5	2.1	4.3	13.1	0.7	1.1	1.3	0.1	2.7	4.3	2.4
	4AB	1.3	0.6	2.9	4.0	11.0	1.7	1.5	1.6	0.6	2.6	3.0	2.5
	4AC	1.1	0.6	3.5	4.8	10.8	2.1	1.7	1.8	0.7	3.0	2.9	2.5
	4AD	1.1	0.8	3.9	5.4	10.8	2.5	1.7	1.9	0.9	3.7	3.2	2.4
	4BA	1.3	0.5	2.7	5.8	10.7	0.8	1.2	1.4	0.1	2.5	4.6	2.4
	4BB	2.1	0.6	2.2	5.1	12.4	0.7	1.0	1.3	0.1	2.5	4.6	2.1
	4BC	1.4	0.4	2.5	5.6	9.2	0.5	0.9	1.1	0.0	2.6	5.2	2.0
	4BD	0.9	0.7	4.0	5.8	9.8	2.2	1.6	1.9	0.6	3.9	4.2	2.4
	4BE	0.9	0.4	4.1	5.8	8.5	1.6	1.3	1.5	0.3	3.8	4.9	2.3
	4BF	1.1	0.2	3.4	5.8	5.9	0.7	0.6	0.7	0.0	2.4	5.3	2.3
	4BG	0.9	0.1	3.7	5.3	4.0	0.2	0.5	0.3	0.0	2.7	5.4	2.5
	4CA	1.0	0.6	4.7	5.6	9.0	3.3	1.5	2.1	0.9	4.4	3.8	1.9
	4CB	1.2	0.5	4.3	5.7	9.4	2.4	1.4	1.8	0.4	3.9	4.5	2.1
	4CC	1.4	0.1	3.4	5.1	3.8	0.4	0.4	0.3	0.0	1.9	5.1	2.6
	4DA	1.4	0.3	2.9	5.5	8.0	0.4	0.9	0.9	0.0	3.3	5.4	2.2
	4DB	1.5	0.3	2.9	5.5	8.9	0.4	0.9	1.1	0.0	4.3	5.7	2.7
	4DC	1.6	0.3	2.8	5.6	9.5	0.4	1.0	1.2	0.1	5.0	6.0	3.1
	4DD	0.9	0.1	2.7	5.6	4.1	0.2	1.0	0.6	0.0	3.7	5.3	2.4
	4DE	1.1	0.0	2.9	4.8	2.2	0.1	0.7	0.2	0.0	2.5	5.0	2.7
	4EA	2.0	0.3	4.6	7.6	11.0	0.1	1.1	0.7	0.0	7.6	6.7	5.8
	4EB	1.8	0.2	3.4	7.1	11.0	0.2	1.1	1.0	0.1	7.6	6.9	5.3
	4EC	1.4	0.1	3.0	6.9	7.0	0.2	1.0	0.9	0.1	5.6	6.2	3.6
	4ED	1.1	0.1	3.0	5.5	2.3	0.1	0.8	0.4	0.0	3.1	5.4	3.2
	4FA	2.1	0.4	5.5	8.2	9.8	0.1	0.9	0.4	0.0	6.7	6.4	6.0
	4FB	1.9	0.3	6.1	8.3	8.5	0.0	0.7	0.4	0.0	5.7	5.7	5.2
	4GA	1.4	0.3	5.9	6.6	6.3	0.0	0.6	0.3	0.0	3.9	4.6	4.7
	4GB	1.0	0.1	5.0	6.7	4.6	0.0	0.6	0.3	0.1	2.9	4.8	3.6
	4GC	0.5	0.0	2.1	5.5	0.8	0.1	1.3	0.2	0.2	0.6	3.5	2.3
	4GD	0.4	0.0	1.9	4.3	1.6	0.2	1.6	0.3	0.2	1.1	3.8	2.5
	4GE	0.4	0.0	2.2	3.9	1.8	0.2	1.4	0.6	0.1	1.2	5.8	2.9
	4GF	0.2	0.0	1.7	3.4	3.3	0.5	2.4	0.8	0.2	0.5	4.9	2.6
	4GG	0.0	0.0	1.1	3.5	8.9	1.7	5.5	0.9	0.4	0.2	1.8	1.8
	4HA	1.0	0.0	2.6	3.2	1.7	0.2	0.4	1.0	0.1	0.8	7.8	4.6
	4HB	0.8	0.0	2.0	2.9	2.9	0.5	2.0	1.0	0.2	0.5	5.5	3.1
	4HC	2.0	0.0	2.6	2.5	3.3	0.8	1.9	1.1	0.4	0.6	3.1	3.3
	4JA	0.2	0.0	1.0	2.8	3.6	0.4	2.4	0.3	0.2	0.2	1.3	1.7
	4JB	0.0	0.0	0.4	3.2	10.4	1.2	4.6	0.6	0.2	0.1	1.2	1.6
	4KA	0.1	0.0	0.5	3.0	8.2	1.0	4.1	0.5	0.2	0.1	1.3	1.6
	4KB	0.0	0.0	0.6	3.3	8.0	1.0	4.4	0.6	0.2	0.1	1.3	1.7
ENNCA	5AA	0.8	0.6	2.9	2.5	2.1	3.6	2.8	4.7	1.5	1.4	1.3	1.5
	5AB	0.8	0.7	2.6	2.7	1.8	3.3	2.2	3.7	1.1	1.5	1.6	1.5
	5AC	1.5	0.5	1.9	3.1	1.9	3.0	2.4	3.5	0.6	2.2	2.7	1.8
	5AD	1.3	0.7	1.9	3.2	1.5	2.7	2.2	2.8	0.6	2.1	2.6	1.9
	5BA	1.3	0.6	2.0	3.7	9.6	1.7	1.3	1.4	0.6	2.2	2.5	2.1
	5BB	0.9	0.7	2.4	3.0	7.3	2.3	1.4	1.7	0.9	2.2	2.1	1.9
	5BC-1	1.0	0.5	1.7	3.5	6.7	1.5	1.4	1.8	0.4	2.1	2.6	2.3
	5BC-2	1.7	0.6	1.5	4.0	1.9	2.3	2.1	1.7	0.3	3.3	3.8	2.7
	5BD	0.7	0.7	2.1	2.9	1.8	2.7	1.9	2.8	0.7	1.5	1.8	1.6
	5BE	1.3	0.5	2.0	3.9	6.9	0.8	1.2	0.8	0.1	4.3	4.4	4.0
	5CA	2.2	0.2	2.1	3.2	1.6	3.2	2.4	4.0	0.4	3.2	3.7	2.1
	5CB	2.4	0.2	2.2	3.5	1.7	2.5	2.1	2.9	0.3	3.6	3.7	2.3
	5CC	1.9	0.1	1.9	3.1	2.0	1.9	1.6	2.6	0.3	3.2	2.5	1.7
	5DA	2.2	0.5	4.1	4.5	5.9	0.2	0.9	0.2	0.0	5.2	5.9	5.9
	5DB	2.4	0.6	2.7	4.2	2.1	1.2	1.7	0.8	0.1	4.7	5.4	4.7
	5DC	3.7	0.4	2.3	5.3	1.3	3.0	3.0	2.8	0.3	4.8	5.9	3.6
	5DD	3.1	0.3	2.7	4.2	1.6	2.4	2.4	2.2	0.3	4.2	5.3	3.7
	5EA	0.2	0.4	1.1	1.7	2.2	0.1	0.7	0.1	0.0	0.4	0.6	1.0
	5EB	0.7	0.6	2.0	1.7	2.4	0.2	0.8	0.3	0.0	0.4	0.7	1.2
	5EC	1.5	0.2	2.9	2.4	1.7	0.4	0.8	0.8	0.1	1.3	1.6	2.3
	5ED	1.2	0.3	5.0	4.5	4.9	0.0	0.5	0.2	0.0	2.7	3.1	3.9
	5FA	0.3	0.2	3.1	3.5	3.0	0.1	0.9	0.1	0.1	1.1	1.9	2.4
	5FB	0.1	0.1	1.9	1.9	1.6	0.0	0.7	0.1	0.1	0.3	0.8	1.6
	5G	0.2	0.4	0.8	2.5	2.0	0.1	0.7	0.1	0.0	0.6	0.4	0.8
	5HA	0.0	0.1	0.6	4.0	1.2	0.0	0.4	0.0	0.0	0.5	0.1	0.6
	5HB	0.1	0.2	0.6	3.4	1.9	0.1	0.5	0.1	0.0	0.6	0.2	0.5
	5J	2.0	0.2	2.2	1.4	1.1	0.2	0.5	0.4	0.1	0.6	0.5	1.0

Monthly Rainfall by Sub-basin

Year 1992 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.8	2.1	4.8	6.3	3.7	4.3	3.3	5.0	5.0	2.6	2.3
	1AB	0.3	0.8	1.8	5.1	5.1	3.7	4.7	3.3	4.7	5.4	1.8	1.9
	1AC	0.4	0.9	1.9	4.2	5.5	4.3	4.6	3.1	4.6	5.6	2.1	2.0
	1AD	0.5	0.7	2.4	4.0	7.5	4.6	4.2	3.4	5.5	5.1	3.5	2.9
	1AE	0.6	0.7	2.9	4.9	9.0	4.2	4.0	3.6	6.3	4.6	4.3	3.6
	1AF	0.5	0.8	2.3	4.1	7.1	4.7	3.8	3.4	5.1	4.9	3.3	2.8
	1AG	0.5	0.8	2.2	4.2	6.9	5.2	3.6	3.6	4.9	4.6	3.5	2.8
	1AH	0.6	0.5	2.6	4.7	7.5	3.9	3.6	3.4	5.5	4.3	4.2	3.6
	1BA	0.3	0.5	1.0	6.7	3.4	3.8	4.2	4.7	2.4	5.5	2.6	1.9
	1BB	0.2	0.5	1.2	6.1	3.6	4.6	5.7	5.2	3.8	5.8	2.2	1.9
	1BC	0.1	0.4	1.4	5.7	3.8	5.4	7.1	5.7	4.7	5.7	1.7	1.7
	1BD	0.2	0.7	1.0	6.6	3.5	3.9	5.2	4.8	3.9	5.7	1.8	1.5
	1BE	0.2	0.6	1.4	5.7	3.4	4.7	5.9	4.7	4.8	6.1	1.4	1.8
	1BG	0.3	0.8	1.3	6.0	3.8	4.5	6.0	4.2	5.0	6.1	1.3	1.6
	1BH	0.3	0.9	1.3	5.8	4.2	4.3	5.9	3.8	4.9	6.1	1.4	1.5
	1CA	0.3	0.7	0.8	7.7	3.3	3.6	4.8	5.6	3.1	5.1	2.3	1.2
	1CB	0.3	0.9	0.9	8.4	3.2	4.1	5.5	6.0	3.8	5.1	2.5	1.1
	1CC	0.3	0.9	1.1	8.3	3.4	5.2	6.1	6.6	4.7	5.2	3.0	1.4
	1CD	0.3	1.2	1.0	5.9	4.3	5.9	6.7	6.0	4.9	6.1	2.3	1.3
	1CE	0.3	1.4	1.1	5.5	4.4	5.7	6.9	4.4	5.1	6.8	2.0	1.3
	1DA	0.4	1.4	1.5	4.2	5.2	7.2	6.5	4.2	5.2	7.1	2.5	1.8
	1DB	0.3	1.0	1.6	4.9	4.7	4.5	5.3	3.5	4.7	5.9	1.7	1.7
	1DC	0.4	1.2	1.8	4.0	5.5	6.3	4.9	3.6	4.6	5.8	2.4	2.0
	1DD	0.5	1.0	2.0	3.9	6.0	5.9	4.1	3.5	4.5	5.2	2.8	2.3
	1EA	0.6	2.0	1.4	4.5	5.7	10.2	7.0	5.5	5.6	6.9	2.9	2.0
	1EB	0.7	2.0	1.6	4.5	6.2	10.7	5.5	4.9	4.8	5.8	3.1	2.2
	1EC	0.6	1.6	1.7	3.7	5.8	9.2	6.3	4.6	5.2	6.9	3.0	2.2
	1ED	0.6	1.2	1.8	4.0	6.3	7.6	4.3	3.9	4.8	5.0	3.6	2.6
	1EE	0.5	0.5	2.1	4.3	6.3	4.9	3.4	3.3	4.9	4.1	4.3	3.3
	1EF	0.5	0.5	2.3	4.7	6.0	4.0	3.2	3.1	4.8	4.1	4.2	3.6
	1EG	0.5	0.9	1.8	4.7	5.3	6.5	3.5	3.5	4.5	4.1	4.1	3.1
	1FA	0.3	1.0	1.4	7.4	3.6	6.7	7.0	7.3	5.7	5.7	3.3	1.6
	1FB	0.4	1.6	1.2	5.9	5.0	7.6	6.9	6.8	5.7	5.9	2.6	1.7
	1FC	0.4	1.8	1.3	6.1	5.3	8.1	6.9	6.9	6.1	5.8	2.8	1.9
	1FD	0.4	1.6	1.5	6.3	5.0	7.6	7.0	7.2	6.4	5.6	3.0	2.0
	1FE	0.6	2.2	1.5	5.3	5.8	9.9	5.5	5.5	5.2	5.5	3.0	2.3
	1FF	0.5	2.1	1.7	5.7	5.0	8.7	3.7	4.4	4.3	4.3	3.3	2.6
	1FG	0.4	0.8	2.1	5.3	3.9	4.6	2.8	2.9	3.9	3.8	3.9	3.6
LVSCA	1GA	0.5	1.6	1.4	6.2	3.8	6.7	6.6	7.4	5.7	5.2	3.0	1.7
	1GB	0.5	2.4	1.6	6.6	5.3	6.8	5.7	6.2	5.8	4.9	2.5	2.3
	1GC	0.6	2.4	1.9	6.2	4.0	5.7	5.5	6.8	5.1	5.1	2.9	2.4
	1GD	0.7	3.4	2.5	6.7	4.5	5.7	3.9	5.3	4.5	4.2	2.6	2.6
	1GE	0.7	3.7	3.6	6.5	4.8	6.1	4.0	5.1	4.2	5.3	3.0	3.2
	1GF	0.6	3.4	3.7	6.4	4.6	6.4	3.2	4.2	3.6	5.1	3.1	3.6
	1GG	0.7	2.6	1.9	6.6	4.0	6.0	5.6	7.1	5.5	4.8	2.9	1.8
	1HA1	0.5	2.7	2.0	6.4	4.7	7.8	3.4	4.7	4.2	4.0	2.7	2.6
	1HA2	0.5	2.9	2.4	6.4	4.4	6.5	3.1	4.2	3.8	3.9	2.7	3.0
	1HB1	0.4	1.3	2.0	5.6	3.6	5.3	2.5	3.2	3.6	3.6	3.5	3.4
	1HB2	0.5	2.4	2.0	6.4	4.1	7.5	2.5	3.8	3.7	3.6	3.0	2.7
	1HC	0.6	0.9	2.2	5.5	3.4	3.7	2.3	2.5	3.5	3.7	3.4	3.9
	1HD	1.3	3.1	3.8	7.5	4.7	6.7	2.9	4.0	4.8	6.1	3.1	4.7
	1HE	1.6	2.8	3.4	7.6	5.4	6.1	2.9	3.5	4.7	6.2	2.8	5.2
	1HF	1.4	1.9	2.4	5.6	5.5	3.4	2.3	2.1	3.7	5.0	2.6	5.5
	1HG	1.0	1.7	2.1	5.1	4.7	2.9	2.0	1.7	3.2	4.5	2.9	5.5
	1JA	0.7	3.1	3.0	5.8	5.5	5.9	5.2	5.6	5.5	6.2	3.2	3.3
	1JB	0.8	3.6	3.8	6.5	6.3	6.7	5.8	6.1	6.1	7.3	3.3	3.0
	1JC	0.8	3.7	3.5	6.8	5.9	6.5	5.7	6.7	5.9	6.8	3.1	2.9
	1JD	0.8	3.5	4.2	7.1	6.0	6.9	5.6	6.2	6.0	7.5	3.4	3.2
	1JE	0.9	3.4	3.3	6.0	4.8	5.7	4.0	3.3	5.8	6.1	3.2	4.1
	1JF	0.8	3.1	3.5	6.1	5.2	6.3	4.6	4.8	6.1	6.7	3.2	3.9
	1JG1	0.9	3.3	4.2	7.3	5.0	6.8	4.2	5.1	5.5	6.9	3.3	4.0
	1JG2	1.0	3.2	3.7	7.2	4.5	6.8	2.8	4.1	4.1	5.5	3.2	4.1
	1KA	1.7	2.9	3.3	7.6	5.5	5.7	3.1	3.0	4.7	6.6	2.9	5.7
	1KB	1.1	2.8	2.8	6.5	4.6	4.3	2.7	2.2	4.1	5.7	3.2	5.5
	1KC	0.7	3.4	2.8	6.3	3.9	3.7	2.8	1.5	4.3	5.1	3.3	4.9
	1LA1	0.6	2.9	2.3	4.3	5.3	5.1	4.4	3.6	4.5	5.2	3.0	3.8
	1LA2	0.7	3.8	2.7	5.1	4.2	3.4	2.5	1.2	4.5	4.3	3.1	4.2
	1LA3	0.4	3.8	1.6	5.5	2.4	1.9	2.0	0.6	2.8	3.2	2.5	3.3
	1LB1	0.6	2.8	1.9	4.1	4.5	4.2	3.5	2.7	4.0	4.3	2.6	3.6
	1LB2	0.5	3.7	1.8	4.6	2.9	2.4	2.3	0.7	3.3	3.4	2.4	3.3

Monthly Rainfall by Sub-basin

Year 1992 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.2	0.6	0.6	0.3	0.1	0.2	0.4	0.0	0.3	0.9	0.5
	2AB	0.0	0.1	0.6	0.7	0.2	0.0	0.3	1.0	0.0	0.2	0.6	0.1
	2BA	0.1	0.4	1.4	5.4	3.9	4.6	6.7	5.7	4.0	4.7	1.6	1.4
	2BB	0.0	0.2	1.1	3.9	2.9	2.7	3.9	5.0	2.3	2.6	1.0	0.9
	2BC	0.1	0.3	1.3	4.2	3.0	2.8	4.1	4.6	2.7	3.1	0.9	0.9
	2BD	0.0	0.0	0.9	1.4	0.8	0.4	0.5	2.7	0.3	0.6	0.2	0.2
	2CA	0.0	0.0	0.8	1.1	0.5	0.3	0.2	1.6	0.1	0.4	0.2	0.2
	2CB	0.3	0.5	1.0	7.5	3.1	4.1	4.7	4.4	2.1	4.9	2.6	1.8
	2CC	0.0	0.1	1.0	2.6	1.8	1.6	2.1	2.7	1.0	1.9	1.1	1.0
	2D	0.1	0.1	1.2	2.6	1.7	1.5	2.5	1.4	0.8	2.0	1.9	2.0
	2EA	0.5	0.3	0.4	4.4	3.3	2.3	4.6	4.6	3.0	2.9	1.4	2.8
	2EB	0.3	0.3	0.4	4.2	2.8	2.3	4.6	4.1	2.8	2.7	1.3	2.7
	2EC	0.6	0.5	0.6	4.6	3.6	2.7	4.1	4.5	2.9	3.2	1.9	3.2
	2ED	0.3	0.5	0.9	5.9	2.5	5.3	6.3	6.3	4.0	5.0	2.8	1.8
	2EE	0.2	0.3	0.6	5.8	2.8	3.1	4.8	3.4	2.0	3.6	1.8	1.7
	2EF	0.3	0.4	0.6	4.9	2.9	3.4	5.0	4.6	2.9	3.7	2.0	2.2
	2EG1	0.5	1.0	0.7	4.8	3.2	3.8	4.5	5.4	3.6	3.6	2.5	3.5
	2EG2	0.3	0.3	0.5	4.5	3.0	2.7	4.5	3.7	2.3	3.1	1.5	2.3
	2EH	0.1	0.2	0.8	5.5	3.1	3.8	4.8	3.3	1.3	3.9	1.8	2.0
	2EJ	0.2	0.1	0.4	3.3	1.8	1.8	2.8	1.8	1.3	1.9	1.1	1.9
	2EK	0.1	0.1	0.3	3.9	2.3	2.1	3.6	2.9	1.9	2.3	1.2	2.3
	2FA	0.5	0.3	0.7	4.6	3.4	3.7	3.5	3.9	3.1	3.0	2.3	2.6
	2FB	0.7	0.3	0.5	4.7	3.8	2.6	4.3	4.8	2.9	3.3	1.8	3.0
	2FC	0.6	0.4	0.7	4.4	3.3	3.1	3.6	4.4	3.0	3.1	2.0	3.1
	2GA	0.4	0.4	0.6	4.7	3.8	3.7	3.5	3.2	2.9	2.9	2.6	2.6
	2GB	0.3	0.4	0.6	5.2	3.8	3.9	3.9	3.6	3.2	3.3	2.6	2.7
	2GC	0.2	0.6	0.8	7.8	5.9	3.9	3.4	2.7	2.8	4.7	3.3	3.2
	2GD	0.3	0.7	0.9	6.1	4.7	3.2	2.7	2.3	2.4	3.4	2.8	3.0
	2H-1	0.2	2.1	0.9	9.2	2.8	1.3	1.3	0.6	0.6	2.2	3.6	3.1
	2H-2	0.1	2.0	0.8	11.1	1.9	0.7	0.9	0.1	0.1	1.6	4.2	3.4
	2H-3	0.2	1.6	0.8	9.9	1.3	0.5	0.4	0.1	0.0	1.4	4.1	3.4
	2J	0.0	0.0	0.7	0.8	0.3	0.1	0.4	2.4	0.0	0.2	0.5	0.1
	2KA	0.4	2.6	1.3	4.4	2.4	2.1	2.2	1.6	2.1	2.4	1.7	2.7
	2KB	0.2	3.4	1.0	7.0	1.7	1.1	1.3	0.4	0.9	1.7	2.4	2.4
	2KC	0.1	3.2	1.0	8.3	1.4	0.9	0.9	0.2	0.6	1.7	3.1	2.8
ACA	3AA	0.2	1.6	0.8	12.2	2.3	0.7	1.1	0.1	0.1	1.6	4.5	3.4
	3AB	0.2	1.3	0.7	9.8	1.3	0.4	0.4	0.1	0.1	1.4	4.1	4.0
	3AC	0.4	0.6	0.5	10.2	1.8	0.3	0.7	0.1	0.1	1.3	5.1	4.4
	3BA	0.2	1.2	0.7	13.0	3.3	0.8	1.4	0.2	0.2	2.0	5.1	3.5
	3BB	0.2	0.7	0.7	13.5	4.2	0.9	1.6	0.3	0.3	2.6	5.4	3.7
	3BC	0.2	0.7	0.8	13.8	5.2	1.4	1.8	0.7	0.6	3.5	5.4	4.1
	3BD	0.2	0.5	0.7	13.3	5.0	1.3	1.8	0.6	0.6	3.3	5.4	4.0
	3CB	0.2	0.3	0.6	12.7	4.6	1.1	1.5	0.5	0.5	3.0	5.5	4.1
	3DA	0.6	0.5	0.4	9.2	1.5	0.1	0.3	0.0	0.2	1.3	5.2	5.0
	3DB	0.7	0.4	0.4	5.8	2.2	0.0	0.1	0.1	0.1	1.8	4.7	7.1
	3EA	0.6	0.6	0.4	7.3	1.4	0.1	0.2	0.0	0.1	1.2	4.9	5.4
	3EB	0.7	0.5	0.5	6.0	2.4	0.0	0.1	0.1	0.1	1.6	5.2	4.9
	3EC	0.6	0.3	0.6	5.3	2.7	0.0	0.1	0.1	0.1	1.7	5.4	4.0
	3ED	0.6	0.2	0.6	4.9	3.0	0.0	0.1	0.1	0.1	2.4	6.2	4.9
	3FA	0.4	0.3	0.7	6.3	1.3	0.1	0.1	0.1	0.0	1.9	5.4	3.6
	3FB	0.4	0.1	1.0	4.6	0.7	0.1	0.1	0.1	0.1	2.0	6.1	5.3
	3G	0.3	0.2	1.0	4.6	1.5	0.3	0.1	0.2	0.2	1.4	5.8	4.5
	3HA	0.2	0.1	1.5	5.6	1.1	0.6	0.3	0.3	0.4	1.0	3.2	6.8
	3HB	0.0	0.1	0.8	4.3	4.1	0.9	1.4	0.5	0.7	0.7	3.1	5.5
	3HC	0.0	0.0	0.3	3.1	5.6	1.1	2.1	0.9	1.0	0.4	2.3	4.2
	3HD1	0.0	0.0	0.2	3.1	7.2	1.7	3.3	1.0	1.2	0.3	2.4	4.4
	3HD2	0.0	0.0	0.3	3.1	6.2	1.1	2.5	1.1	1.1	0.3	2.5	4.0
	3J	0.3	0.3	1.0	4.7	1.3	0.5	0.2	0.3	0.2	1.3	5.2	4.8
	3K	0.0	0.1	0.4	4.6	6.4	2.3	3.3	1.2	1.9	0.9	2.7	3.4
	3LA	0.1	0.1	0.7	4.4	4.3	1.1	1.5	0.5	0.7	0.8	3.4	5.1
	3LB	0.0	0.0	0.1	3.2	7.3	1.9	3.5	0.9	1.2	0.4	2.1	3.9
	3MA-1	0.3	0.2	1.1	5.2	1.7	0.8	0.5	0.4	0.4	1.2	4.9	5.6
	3MA-2	0.1	0.1	0.7	4.0	4.5	1.5	1.9	0.8	1.0	1.1	4.0	4.1
	3MB	0.0	0.1	0.4	4.5	6.8	2.0	3.1	0.9	1.5	0.8	2.4	3.3
	3MC	0.0	0.1	0.5	4.4	6.5	2.3	3.3	1.2	1.9	0.8	2.6	3.1
	3MD1	0.0	0.0	0.3	4.7	9.2	2.7	4.0	0.8	1.7	1.0	2.5	3.3
	3MD2	0.0	0.0	0.3	5.3	7.7	2.7	4.0	1.2	2.2	1.1	2.5	3.6
	3N	0.3	0.5	0.8	6.8	1.2	0.1	0.1	0.1	0.0	1.6	5.3	3.3

Monthly Rainfall by Sub-basin

Year 1992 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.8	0.9	0.5	5.7	6.9	0.4	1.2	0.5	1.2	2.4	6.2	5.4
	4AB	0.6	0.8	0.7	5.9	6.0	1.3	2.0	1.3	1.6	2.8	4.9	4.4
	4AC	0.5	0.8	0.8	7.1	6.7	1.7	2.1	1.4	1.6	3.5	4.9	4.9
	4AD	0.4	0.8	0.9	8.7	7.7	2.1	2.2	1.7	1.8	4.5	4.8	4.9
	4BA	0.6	0.7	0.4	8.4	8.9	0.6	1.2	0.6	1.0	3.5	6.0	4.5
	4BB	0.8	0.9	0.3	6.5	8.2	0.4	1.1	0.5	1.2	2.5	6.2	5.5
	4BC	0.5	0.6	0.2	8.8	8.9	0.3	1.0	0.5	0.8	3.3	6.1	4.2
	4BD	0.4	0.6	0.8	10.9	9.1	1.8	1.8	1.5	1.5	5.3	5.5	4.9
	4BE	0.3	0.4	0.6	12.3	8.9	1.4	1.4	1.1	1.0	5.0	5.8	4.5
	4BF	0.3	0.2	0.3	11.7	6.3	0.5	0.9	0.4	0.4	3.0	5.9	3.7
	4BG	0.4	0.2	0.3	11.4	5.3	0.2	0.5	0.2	0.2	2.4	5.8	4.1
	4CA	0.2	0.5	1.0	12.9	7.8	2.7	2.3	1.8	1.7	5.8	5.0	4.8
	4CB	0.2	0.3	0.9	13.8	7.8	1.9	1.9	1.2	1.1	5.3	5.7	4.9
	4CC	0.4	0.2	0.4	10.9	3.1	0.2	0.5	0.1	0.2	1.9	5.7	4.4
	4DA	0.5	0.5	0.3	9.7	7.9	0.3	0.8	0.5	0.7	3.3	6.3	4.7
	4DB	0.6	0.4	0.5	10.2	7.7	0.4	0.9	0.6	1.0	4.3	7.2	5.5
	4DC	0.6	0.3	0.6	10.6	7.7	0.4	0.9	0.7	1.2	4.9	8.0	6.2
	4DD	0.4	0.1	0.5	11.3	4.8	0.3	0.5	0.4	0.4	3.3	6.6	5.6
	4DE	0.5	0.2	0.4	10.1	2.4	0.1	0.2	0.1	0.1	2.0	5.6	5.9
	4EA	1.5	0.3	0.8	11.2	5.7	0.4	0.7	0.5	1.3	6.4	11.8	12.7
	4EB	1.1	0.2	0.7	12.0	6.7	0.6	0.9	0.7	1.7	6.2	11.3	10.2
	4EC	0.7	0.1	0.5	11.5	5.5	0.4	0.7	0.6	1.1	4.7	9.1	7.7
	4ED	0.7	0.1	0.3	9.1	1.9	0.2	0.2	0.2	0.2	2.2	6.5	8.9
	4FA	1.9	0.3	0.7	9.8	4.7	0.3	0.5	0.4	0.7	5.9	11.8	14.0
	4FB	2.0	0.2	0.4	9.0	3.6	0.2	0.5	0.3	0.7	5.6	10.4	13.7
	4GA	1.6	0.1	0.3	7.5	2.7	0.1	0.5	0.3	0.5	5.2	7.6	10.4
	4GB	1.1	0.1	0.2	6.2	1.5	0.1	0.3	0.2	0.4	3.4	6.4	9.1
	4GC	0.3	0.0	0.1	3.0	0.4	0.1	0.1	0.2	0.2	1.2	4.2	4.6
	4GD	0.4	0.0	0.2	3.8	0.8	0.2	0.2	0.2	0.3	1.1	4.8	6.1
	4GE	0.4	0.0	0.4	4.5	0.8	0.2	0.2	0.3	0.2	1.8	5.8	8.4
	4GF	0.2	0.0	0.5	3.8	1.2	0.3	0.6	0.4	0.4	2.1	5.3	7.3
	4GG	0.0	0.0	0.5	3.8	3.7	0.9	1.9	0.9	1.1	0.8	3.0	4.1
	4HA	0.4	0.1	0.5	5.0	0.9	0.0	0.0	0.1	0.0	2.8	6.7	8.6
	4HB	0.1	0.0	0.6	4.0	1.1	0.3	0.5	0.4	0.4	2.5	6.5	6.5
	4HC	0.1	0.0	0.9	4.2	2.6	0.5	0.8	0.4	0.5	1.2	3.7	5.8
	4JA	0.2	0.0	0.2	2.3	1.0	0.4	0.3	0.3	0.3	0.7	3.5	3.8
	4JB	0.1	0.0	0.2	2.7	2.5	1.0	1.1	0.8	0.7	0.7	3.6	3.1
	4KA	0.1	0.0	0.2	2.5	2.0	0.8	0.9	0.6	0.6	0.7	3.4	3.3
	4KB	0.1	0.0	0.3	2.9	2.2	0.8	1.2	0.7	0.7	0.8	3.2	3.8
ENNCA	5AA	0.3	0.3	0.3	4.7	2.2	2.1	3.9	4.3	3.2	2.4	1.7	3.0
	5AB	0.4	0.2	0.3	5.2	2.2	1.8	3.1	3.4	2.8	2.3	2.1	2.7
	5AC	0.3	0.1	0.4	4.5	1.8	1.0	1.8	1.9	1.4	1.5	1.7	1.9
	5AD	0.5	0.1	0.5	5.0	1.8	0.9	2.0	2.1	1.8	1.6	2.0	2.0
	5BA	0.7	0.7	0.6	5.0	4.7	1.1	1.9	1.3	1.8	2.2	4.2	3.6
	5BB	0.5	0.5	0.6	5.3	3.8	1.6	2.4	1.9	2.1	2.5	3.0	3.2
	5BC-1	0.6	0.4	0.6	5.2	3.1	0.7	1.7	1.5	1.7	2.0	3.9	3.2
	5BC-2	0.5	0.0	0.6	4.7	1.8	0.6	1.4	1.2	1.3	1.7	2.4	1.7
	5BD	0.5	0.2	0.4	5.3	2.1	1.2	2.5	2.5	2.4	2.0	2.2	2.4
	5BE	0.8	0.4	1.0	6.6	2.9	0.4	0.9	0.7	1.0	3.0	6.4	4.5
	5CA	0.2	0.0	0.9	3.0	1.0	1.0	2.0	0.8	0.9	1.2	1.6	1.3
	5CB	0.4	0.0	1.4	2.8	1.0	0.7	1.9	0.5	0.6	1.3	2.2	1.8
	5CC	0.1	0.1	1.5	2.2	1.2	0.7	1.9	0.5	0.5	1.4	2.3	2.1
	5DA	2.3	0.4	1.5	8.1	2.3	0.2	0.6	0.4	0.2	4.1	8.1	8.4
	5DB	1.5	0.2	1.4	6.2	1.5	0.3	1.0	0.5	0.5	2.5	5.1	4.3
	5DC	0.5	0.0	1.0	3.6	1.1	0.6	1.6	0.7	0.8	1.2	1.6	1.3
	5DD	1.1	0.0	1.3	4.1	0.9	0.5	1.5	0.5	0.6	1.5	2.9	2.3
	5EA	0.1	0.2	0.4	2.8	1.3	0.0	0.1	0.1	0.3	0.6	3.8	2.6
	5EB	0.1	0.4	0.5	3.2	1.5	0.1	0.3	0.1	0.5	0.8	3.7	2.6
	5EC	0.4	0.7	0.9	3.9	1.0	0.2	0.7	0.2	0.3	1.6	3.2	3.7
	5ED	1.5	0.3	0.6	6.3	1.8	0.0	0.4	0.2	0.2	3.8	5.2	7.2
	5FA	0.5	0.1	0.2	4.1	1.0	0.0	0.2	0.2	0.2	1.8	3.9	4.5
	5FB	0.2	0.1	0.2	3.1	0.8	0.0	0.1	0.1	0.2	0.5	3.3	2.8
	5G	0.0	0.1	0.4	2.1	0.9	0.0	0.1	0.1	0.3	0.9	3.0	2.3
	5HA	0.0	0.0	0.1	1.7	0.4	0.0	0.0	0.1	0.1	0.5	2.1	1.7
	5HB	0.0	0.1	0.2	1.7	0.7	0.1	0.2	0.1	0.3	0.6	2.2	1.7
	5J	0.0	0.6	0.8	1.7	0.7	0.1	0.6	0.2	0.2	0.8	1.8	1.8

Monthly Rainfall by Sub-basin

Year 1993 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.5	2.8	1.5	4.4	7.2	3.6	2.3	5.2	3.7	3.8	2.3	1.5
	1AB	2.2	3.2	1.2	4.1	7.1	3.3	2.7	5.2	3.6	3.3	2.0	1.1
	1AC	2.0	2.6	1.5	4.7	6.8	3.4	2.6	6.0	3.5	3.8	1.7	1.1
	1AD	2.8	2.6	2.1	5.0	7.6	4.0	1.8	5.6	3.9	4.2	2.6	1.9
	1AE	3.0	2.8	2.7	4.8	8.0	4.5	0.8	4.5	3.8	4.4	3.4	2.6
	1AF	2.7	2.6	2.1	4.7	7.2	3.9	1.9	5.7	3.7	4.2	2.5	1.8
	1AG	3.0	2.8	2.1	4.6	7.3	4.0	1.9	5.6	3.9	4.0	2.7	1.9
	1AH	3.6	2.6	2.2	4.5	7.8	4.3	1.0	4.3	3.8	4.2	3.4	2.3
	1BA	3.6	4.3	0.2	3.9	7.8	3.2	3.2	2.8	1.5	1.1	3.8	1.2
	1BB	3.2	4.1	0.4	4.1	8.9	3.9	3.3	3.4	2.5	1.3	3.3	0.9
	1BC	3.1	4.0	0.5	4.2	9.7	4.8	3.7	3.8	3.4	1.5	2.3	0.5
	1BD	2.7	4.1	0.2	3.2	7.2	3.1	3.0	4.0	3.0	1.4	2.5	0.9
	1BE	2.7	4.4	0.4	3.4	8.5	3.8	3.2	3.9	3.6	1.8	2.3	0.6
	1BG	2.6	4.4	0.4	3.5	8.2	3.6	2.9	4.6	4.0	2.0	2.2	0.7
	1BH	2.4	4.0	0.6	3.9	7.9	3.5	2.9	5.0	4.0	2.4	2.0	0.9
	1CA	3.2	3.9	0.2	2.9	6.4	3.3	3.1	3.5	2.4	1.0	2.5	1.0
	1CB	3.3	3.5	0.2	2.9	6.4	3.8	3.2	3.9	2.8	1.1	2.3	0.9
	1CC	3.8	3.6	0.3	3.2	6.9	4.8	3.5	4.3	3.0	1.2	3.5	1.4
	1CD	2.6	3.4	0.7	3.9	7.2	4.0	2.9	5.3	3.5	1.5	1.9	1.2
	1CE	2.4	3.4	0.7	4.7	8.3	3.8	3.0	5.7	4.1	2.0	1.5	1.1
	1DA	2.3	3.2	1.5	5.5	8.4	4.2	2.6	6.7	4.1	2.8	1.4	1.2
	1DB	2.2	3.3	1.0	4.3	7.4	3.5	2.8	5.6	3.8	3.0	1.8	1.0
	1DC	2.3	3.0	1.8	4.9	7.3	3.9	2.6	6.4	3.8	3.5	1.7	1.3
	1DD	2.6	2.8	2.0	4.7	7.1	3.9	2.4	6.2	3.8	3.8	2.1	1.5
	1EA	2.4	4.0	2.3	5.5	8.6	5.3	2.4	6.9	4.1	2.3	1.8	1.8
	1EB	2.4	4.0	2.9	4.9	8.0	5.3	2.1	6.6	4.1	2.7	2.0	1.9
	1EC	2.6	3.5	2.2	5.6	8.5	4.8	2.2	7.1	4.3	2.9	1.6	1.5
	1ED	3.5	3.4	2.0	4.7	8.0	4.5	2.1	5.6	4.4	3.3	2.7	1.9
	1EE	4.6	2.9	1.5	4.4	8.1	4.1	1.6	4.3	4.4	3.7	3.5	2.1
	1EF	4.2	2.5	1.9	4.3	7.6	4.2	1.1	3.5	3.8	4.0	3.5	2.0
	1EG	4.6	3.1	2.0	4.2	8.2	4.5	1.5	4.0	4.2	3.2	3.3	2.1
	1FA	4.1	3.7	0.5	3.7	7.6	5.6	4.0	4.6	3.4	1.4	4.2	1.9
	1FB	2.6	3.9	1.3	4.3	7.6	5.0	2.9	5.2	3.4	1.7	3.1	2.0
	1FC	2.6	4.2	1.5	4.6	8.0	5.4	3.0	5.2	3.4	1.8	3.9	2.4
	1FD	2.9	3.9	1.2	4.4	8.1	5.5	3.2	4.6	3.2	1.9	5.0	2.8
	1FE	2.7	3.9	3.0	4.7	8.2	5.4	2.1	5.6	3.5	2.3	2.4	2.4
	1FF	3.2	3.1	3.5	4.0	7.7	5.0	1.4	4.5	3.0	2.6	2.3	2.4
	1FG	4.1	2.2	2.4	3.9	7.0	4.3	0.8	3.1	3.0	3.7	3.2	1.8
LVSCA	1GA	4.0	3.4	1.1	3.7	7.1	5.2	3.8	4.3	3.0	1.7	3.4	2.7
	1GB	2.7	3.4	2.1	4.3	7.6	4.7	2.6	3.7	2.3	2.4	4.3	3.6
	1GC	4.8	5.1	1.1	3.7	6.4	5.6	3.8	3.5	2.7	1.9	2.0	2.2
	1GD	3.2	2.4	2.2	4.1	6.6	4.2	2.0	3.0	1.7	2.8	2.8	4.2
	1GE	4.1	2.5	1.7	4.3	7.3	5.3	2.3	2.9	2.0	3.2	2.5	4.0
	1GF	4.2	2.1	2.2	3.9	7.4	5.5	1.7	2.8	1.8	2.9	2.2	3.6
	1GG	4.2	3.9	1.4	3.9	6.7	5.1	3.5	3.8	2.6	2.1	2.2	3.0
	1HA1	2.8	2.8	3.5	3.9	7.3	4.7	1.5	3.7	2.1	2.3	2.3	3.2
	1HA2	2.9	2.3	3.1	3.8	7.0	4.2	1.4	3.0	1.6	2.4	2.5	3.6
	1HB1	3.9	2.1	2.9	3.7	6.9	4.3	0.8	3.3	2.7	3.3	2.8	2.0
	1HB2	2.9	2.2	4.2	3.5	7.2	4.5	0.8	3.4	1.9	2.7	1.9	2.7
	1HC	4.1	2.0	2.4	3.8	6.3	3.9	0.5	3.0	2.9	3.6	3.1	1.8
	1HD	4.9	2.7	2.7	4.1	7.1	7.2	1.6	3.6	2.6	2.9	3.1	2.9
	1HE	4.5	3.2	2.8	4.4	6.7	6.4	1.5	4.2	3.2	3.0	3.2	2.7
	1HF	3.4	3.2	1.7	4.3	5.0	3.5	0.4	3.7	3.8	2.3	3.1	2.3
	1HG	3.0	3.0	1.7	3.9	4.8	3.1	0.2	2.9	3.3	2.2	3.1	1.9
	1JA	5.6	5.3	1.5	3.8	6.8	6.8	2.8	2.8	2.5	3.0	2.6	2.6
	1JB	6.1	4.2	1.6	4.5	8.3	7.8	3.2	2.8	2.7	4.0	2.7	3.2
	1JC	5.3	4.4	1.4	4.8	8.2	7.0	3.5	3.3	2.8	3.7	2.2	3.2
	1JD	6.1	3.2	1.4	4.7	8.9	8.2	3.2	2.9	2.6	3.9	2.7	3.2
	1JE	5.9	5.1	2.8	2.8	5.6	6.7	1.4	2.5	3.0	3.2	3.7	2.2
	1JF	6.2	4.6	2.2	3.4	6.7	7.9	2.2	2.5	2.8	3.1	3.6	2.4
	1JG1	5.8	2.8	2.0	4.2	8.0	8.1	2.3	2.9	2.5	3.2	3.1	3.0
	1JG2	4.5	2.2	2.8	3.9	7.3	6.5	1.5	3.2	2.1	2.8	2.5	3.3
	1KA	4.5	3.9	2.4	4.6	6.8	6.3	1.5	4.3	3.7	2.8	3.5	2.6
	1KB	3.7	3.8	2.2	3.9	6.2	4.9	0.9	3.1	3.3	2.2	3.3	2.2
	1KC	4.1	4.3	2.4	3.4	6.1	4.2	0.7	2.6	3.3	2.1	3.0	2.1
	1LA1	5.5	6.3	2.0	2.4	4.5	5.3	1.8	2.0	2.5	2.8	3.1	2.2
	1LA2	5.2	5.2	2.5	2.3	4.0	3.7	0.4	1.9	3.0	1.8	2.8	2.2
	1LA3	6.3	5.1	2.0	1.6	3.7	2.6	0.2	1.4	1.9	1.3	2.5	2.0
	1LB1	5.8	5.9	2.0	1.8	3.8	4.7	1.1	1.6	1.9	2.1	2.9	2.0
	1LB2	6.1	5.1	2.2	1.6	3.5	2.9	0.2	1.6	2.2	1.5	2.6	2.0

Monthly Rainfall by Sub-basin

Year 1993 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.9	1.0	0.1	0.4	2.3	0.6	0.0	0.0	0.0	0.4	0.9	0.0
	2AB	0.5	0.9	0.1	0.2	2.4	0.5	0.0	0.0	0.0	0.1	0.5	0.0
	2BA	3.0	3.3	0.4	4.1	9.3	4.6	3.5	3.5	3.0	1.2	2.1	0.5
	2BB	2.2	2.1	0.2	2.7	6.7	3.2	2.7	2.8	1.9	0.8	2.2	0.3
	2BC	2.4	2.2	0.2	2.7	7.0	3.2	2.6	2.7	2.0	0.9	1.6	0.2
	2BD	0.8	1.0	0.1	0.3	3.3	0.8	0.3	0.9	0.1	0.1	0.4	0.0
	2CA	0.6	0.9	0.1	0.1	3.0	0.5	0.0	0.2	0.0	0.0	0.3	0.0
	2CB	4.6	4.5	0.1	3.1	7.0	4.6	4.0	2.0	1.5	1.0	3.0	1.2
	2CC	1.8	1.8	0.2	1.4	4.6	1.9	1.2	1.3	0.7	0.5	2.1	0.3
	2D	3.6	1.9	0.2	1.1	2.8	1.9	1.2	0.7	0.5	0.7	2.9	0.5
	2EA	3.7	3.7	0.3	1.4	4.1	3.5	2.9	1.8	1.4	0.9	1.7	1.3
	2EB	4.1	3.3	0.2	1.3	4.1	3.6	3.0	1.5	1.3	0.7	1.5	1.2
	2EC	3.5	4.9	0.4	1.9	3.8	3.8	2.4	1.6	1.2	1.1	2.1	1.2
	2ED	5.1	4.8	0.2	2.6	6.3	5.1	4.8	3.5	2.9	1.0	1.9	1.0
	2EE	4.5	4.3	0.1	2.0	6.1	4.2	3.7	1.4	1.2	0.8	1.9	0.7
	2EF	4.3	5.2	0.2	2.0	5.4	4.2	3.7	2.2	2.0	0.9	1.7	0.8
	2EG1	4.2	6.1	0.4	2.4	4.1	4.6	2.9	2.4	1.8	1.1	2.4	1.3
	2EG2	4.1	4.4	0.2	1.7	4.9	3.8	3.2	1.5	1.2	0.8	1.7	0.8
	2EH	4.8	4.1	0.1	2.2	5.7	4.8	4.0	1.0	0.9	0.8	2.2	0.9
	2EJ	4.4	2.3	0.2	1.4	2.7	2.5	1.7	0.5	0.6	0.4	1.0	0.5
	2EK	4.3	2.7	0.2	1.5	3.8	3.0	2.5	1.0	0.8	0.4	1.1	0.8
	2FA	4.4	4.6	0.3	1.7	2.3	3.8	1.4	1.8	1.0	1.2	2.1	1.1
	2FB	3.4	4.4	0.3	1.7	3.4	3.5	2.3	1.8	1.3	1.2	2.0	1.2
	2FC	3.7	4.7	0.4	1.7	2.6	3.8	1.8	1.8	0.9	1.2	2.2	1.0
	2GA	5.2	4.4	0.4	1.7	2.3	3.5	1.2	1.5	1.0	1.1	2.1	1.2
	2GB	4.8	4.3	0.5	1.9	2.8	3.7	1.5	1.7	1.3	1.2	2.2	1.3
	2GC	5.8	3.8	1.3	3.0	4.2	3.6	1.0	1.6	1.2	1.5	3.4	1.8
	2GD	6.2	4.0	0.9	2.1	3.0	3.4	0.8	1.3	0.8	1.2	2.8	1.5
	2H-1	8.0	4.1	1.1	1.6	3.1	2.1	0.2	0.6	0.2	1.3	3.3	2.3
	2H-2	8.3	4.4	0.9	1.5	2.4	1.3	0.1	0.2	0.0	1.4	3.4	2.4
	2H-3	7.6	4.0	1.0	1.1	1.8	0.9	0.0	0.1	0.0	1.3	3.3	2.0
	2J	0.6	1.0	0.1	0.2	2.6	0.5	0.0	0.1	0.0	0.1	0.4	0.0
	2KA	6.6	4.9	1.3	1.1	3.5	3.2	0.6	1.3	0.7	1.1	2.2	1.6
	2KB	8.0	4.6	1.1	1.0	3.3	2.2	0.1	0.8	0.3	1.1	2.3	2.0
	2KC	8.3	4.5	1.0	1.2	3.1	1.9	0.0	0.5	0.4	1.2	2.6	2.1
ACA	3AA	8.4	4.6	0.9	1.6	2.4	1.2	0.1	0.2	0.0	1.5	3.6	2.7
	3AB	8.1	4.1	0.9	1.3	1.5	0.7	0.0	0.1	0.0	1.3	3.5	2.1
	3AC	7.7	3.6	1.1	1.9	1.9	0.6	0.1	0.2	0.0	1.2	5.5	3.1
	3BA	8.1	4.3	1.0	2.4	3.2	1.6	0.2	0.3	0.1	1.6	4.7	3.3
	3BB	8.2	3.8	1.2	3.0	3.7	2.0	0.3	0.3	0.2	1.7	5.3	3.5
	3BC	8.1	3.8	1.5	3.6	4.6	2.6	0.4	0.5	0.4	1.9	5.6	3.5
	3BD	7.9	3.7	1.4	3.6	4.3	2.4	0.4	0.5	0.4	1.8	5.7	3.4
	3CB	7.4	3.8	1.3	3.5	4.2	2.1	0.4	0.4	0.4	1.7	6.2	3.4
	3DA	7.7	3.1	1.1	2.0	1.8	0.2	0.0	0.2	0.0	1.1	6.3	3.5
	3DB	8.4	2.9	1.0	2.9	0.9	0.2	0.0	0.1	0.0	1.3	5.4	3.5
	3EA	8.3	3.2	1.4	1.4	1.0	0.2	0.0	0.1	0.0	1.0	5.1	3.0
	3EB	8.7	3.4	1.2	1.7	0.9	0.2	0.0	0.2	0.0	1.1	4.8	3.3
	3EC	8.3	3.3	1.2	1.5	0.8	0.2	0.0	0.2	0.0	1.1	4.3	3.1
	3ED	8.7	3.2	0.9	1.9	0.7	0.2	0.0	0.1	0.0	1.1	4.7	3.8
	3FA	6.8	2.7	0.9	0.8	0.7	0.2	0.0	0.1	0.0	1.4	3.5	3.1
	3FB	7.2	1.8	0.4	1.4	0.4	0.2	0.0	0.1	0.0	1.7	3.3	5.1
	3G	6.1	1.7	0.5	2.0	1.1	0.4	0.1	0.2	0.0	1.1	3.0	5.3
	3HA	6.0	0.5	0.4	2.5	0.7	0.6	0.1	0.4	0.1	0.6	3.9	3.5
	3HB	4.9	0.3	0.6	1.7	2.1	1.5	0.5	0.7	0.5	1.1	2.8	3.8
	3HC	4.4	0.0	0.8	1.4	3.0	3.5	1.3	1.2	0.8	1.9	1.6	3.1
	3HD1	4.4	0.0	0.8	1.7	3.9	3.9	1.5	1.3	1.0	1.8	1.0	3.2
	3HD2	4.3	0.0	0.8	2.0	3.7	4.8	1.6	1.2	0.8	1.9	1.4	2.7
	3J	5.1	1.8	0.9	3.1	1.2	0.7	0.2	0.4	0.1	0.8	2.8	4.4
	3K	2.9	0.3	0.9	2.2	5.6	3.7	1.4	1.9	1.1	2.1	2.2	2.3
	3LA	4.3	0.5	0.7	2.0	2.9	1.9	0.6	0.8	0.6	1.3	2.5	3.8
	3LB	3.9	0.0	0.7	1.9	5.2	4.5	1.5	1.4	1.1	1.8	0.9	3.5
	3MA-1	5.1	1.4	1.4	3.4	1.1	1.2	0.3	0.8	0.3	0.8	3.3	3.1
	3MA-2	3.8	0.9	1.3	2.3	3.2	2.3	0.9	1.4	0.7	1.5	2.7	3.1
	3MB	2.8	0.1	0.7	2.0	5.6	3.2	1.2	1.5	1.0	2.1	1.6	2.8
	3MC	2.8	0.2	0.8	2.0	5.6	3.7	1.6	2.0	1.1	2.2	2.3	2.4
	3MD1	2.2	0.1	0.5	2.8	7.7	4.1	1.4	1.6	1.5	2.3	0.6	3.0
	3MD2	2.5	0.0	0.7	3.2	7.2	3.9	1.3	1.7	1.2	2.1	1.5	2.1
	3N	6.5	2.7	0.8	0.9	1.1	0.3	0.0	0.0	0.0	1.3	3.2	3.7

Monthly Rainfall by Sub-basin

Year 1993 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	6.4	1.6	2.4	3.8	5.4	0.9	0.4	0.4	0.3	2.1	5.5	2.1
	4AB	5.5	2.1	1.9	2.9	5.2	1.8	0.6	0.8	0.5	1.6	3.9	1.9
	4AC	5.7	2.5	1.9	3.3	5.9	2.3	0.7	0.9	0.6	1.6	4.0	2.1
	4AD	6.1	2.7	2.2	3.9	6.6	2.8	0.8	1.0	0.8	1.8	4.7	2.5
	4BA	6.3	1.8	1.7	4.6	6.9	1.3	0.5	0.4	0.3	2.0	5.2	2.2
	4BB	6.4	1.7	2.4	4.0	5.5	0.8	0.5	0.4	0.3	2.1	5.6	2.1
	4BC	6.2	1.8	1.7	4.7	5.7	0.8	0.5	0.3	0.3	2.1	5.8	2.0
	4BD	6.6	2.8	2.0	5.0	7.7	2.8	0.8	0.8	0.8	2.0	5.6	2.8
	4BE	6.8	3.1	1.7	5.0	7.2	2.4	0.6	0.6	0.6	2.1	6.1	3.0
	4BF	6.6	3.0	0.9	4.0	5.2	1.2	0.3	0.2	0.2	1.7	6.1	2.8
	4BG	6.7	2.8	0.7	3.0	4.3	0.3	0.1	0.1	0.1	1.7	5.7	2.7
	4CA	7.5	3.8	2.2	4.7	6.6	3.8	0.9	1.1	1.0	2.0	6.2	3.4
	4CB	7.6	3.7	2.0	5.1	6.8	3.5	0.7	0.7	0.7	2.1	6.8	3.7
	4CC	6.9	3.2	1.0	2.7	3.1	0.6	0.1	0.2	0.1	1.3	6.5	3.2
	4DA	6.3	2.3	1.7	4.6	4.8	0.6	0.5	0.3	0.3	2.3	6.0	2.0
	4DB	6.7	2.4	1.9	5.9	4.4	0.7	0.8	0.3	0.4	2.6	7.7	2.2
	4DC	7.0	2.6	2.0	6.9	4.4	0.7	0.9	0.4	0.4	2.8	8.6	2.3
	4DD	6.2	3.1	1.3	4.7	3.3	0.3	0.5	0.2	0.2	2.2	6.0	2.1
	4DE	6.8	3.1	1.1	2.9	2.7	0.1	0.1	0.1	0.0	1.6	5.4	2.7
	4EA	10.6	3.4	1.0	8.8	7.6	0.4	0.6	0.2	0.3	4.3	10.8	5.0
	4EB	9.5	3.3	1.4	9.2	6.8	0.5	0.8	0.3	0.5	3.7	10.3	3.7
	4EC	7.3	3.3	1.5	7.3	4.3	0.4	0.7	0.3	0.4	2.9	8.6	2.9
	4ED	6.7	3.0	1.0	5.1	2.3	0.1	0.1	0.1	0.1	2.2	6.8	2.7
	4FA	10.5	3.3	0.8	8.0	7.5	0.2	0.3	0.1	0.2	4.5	10.7	6.0
	4FB	9.1	3.5	0.6	7.3	6.8	0.1	0.2	0.1	0.1	4.3	9.9	6.1
	4GA	7.5	3.2	0.4	5.2	5.0	0.1	0.1	0.1	0.0	3.9	7.4	4.7
	4GB	5.7	2.4	0.4	3.6	3.3	0.2	0.1	0.1	0.1	2.7	6.9	4.1
	4GC	3.2	0.6	0.3	0.7	0.5	0.5	0.1	0.1	0.2	1.1	4.4	2.4
	4GD	3.9	1.0	0.4	2.0	1.1	0.9	0.2	0.1	0.2	1.4	5.0	2.7
	4GE	5.2	1.3	0.4	3.1	1.2	0.8	0.2	0.1	0.1	1.6	5.7	3.3
	4GF	5.0	0.8	0.3	1.9	1.3	1.9	0.4	0.2	0.2	1.3	4.3	3.7
	4GG	3.6	0.2	0.3	1.4	4.1	5.5	1.6	0.9	0.7	1.2	1.9	2.8
	4HA	7.9	2.0	0.5	2.5	0.5	0.2	0.0	0.1	0.0	1.4	5.3	4.6
	4HB	6.1	1.1	0.3	1.3	1.1	1.7	0.4	0.3	0.2	1.3	4.0	4.3
	4HC	5.8	0.5	0.5	1.6	1.1	1.3	0.4	0.5	0.3	1.1	3.2	3.9
	4JA	2.8	0.3	0.2	0.6	2.3	2.0	0.4	0.1	0.6	0.9	3.2	2.0
	4JB	3.6	0.2	0.0	0.3	6.8	5.9	1.5	0.4	1.4	0.5	2.0	1.8
	4KA	3.3	0.2	0.1	0.4	5.3	4.6	1.2	0.3	1.1	0.6	2.4	1.9
	4KB	3.2	0.2	0.1	0.7	4.6	4.7	1.2	0.4	0.9	0.7	2.3	2.3
ENNCA	5AA	4.0	2.7	0.2	1.3	3.0	3.2	2.3	1.6	1.3	0.5	1.4	1.5
	5AB	3.7	2.6	0.2	1.4	2.5	2.8	1.6	1.2	0.9	0.5	1.4	1.3
	5AC	3.6	1.7	0.1	1.6	2.6	1.9	1.1	0.6	0.4	0.2	0.7	0.8
	5AD	3.4	1.9	0.1	1.3	2.0	1.9	0.7	0.6	0.4	0.3	1.0	1.0
	5BA	4.9	1.6	1.6	2.1	4.1	1.4	0.4	0.8	0.4	1.3	3.1	1.6
	5BB	4.4	2.0	1.2	2.0	3.5	1.9	0.6	1.0	0.6	1.2	2.6	1.5
	5BC-1	5.0	1.6	1.0	1.8	3.0	1.5	0.4	0.6	0.3	1.0	3.1	1.4
	5BC-2	4.4	1.4	0.2	1.3	1.7	1.6	0.4	0.2	0.1	0.5	2.0	0.8
	5BD	3.5	2.2	0.2	1.3	2.0	2.3	0.9	0.8	0.6	0.4	1.3	1.2
	5BE	8.1	1.5	1.0	3.0	3.1	1.1	0.2	0.1	0.1	2.2	5.8	1.8
	5CA	4.5	1.8	0.1	0.9	1.6	1.8	0.7	0.3	0.2	0.4	1.2	0.5
	5CB	4.3	1.5	0.1	0.9	1.6	1.4	0.4	0.0	0.1	1.0	2.5	0.9
	5CC	3.7	1.3	0.2	0.8	1.9	1.2	0.3	0.1	0.1	0.8	3.0	0.6
	5DA	9.8	2.3	0.6	5.0	3.7	0.4	0.1	0.0	0.0	3.7	7.6	3.5
	5DB	7.4	1.6	0.5	2.9	2.1	1.1	0.2	0.0	0.0	2.1	4.7	1.6
	5DC	4.2	1.7	0.2	1.2	1.5	2.0	0.5	0.2	0.1	0.5	1.3	0.5
	5DD	5.2	1.5	0.2	2.0	1.6	1.5	0.4	0.0	0.0	1.4	2.9	1.1
	5EA	1.0	0.1	0.6	4.3	1.7	0.3	0.0	0.0	0.0	1.2	1.4	0.3
	5EB	1.6	0.4	0.7	3.9	3.2	0.5	0.1	0.0	0.0	1.5	1.4	0.3
	5EC	3.4	1.1	0.4	4.2	4.0	0.6	0.1	0.0	0.0	2.0	2.5	1.0
	5ED	5.7	1.8	0.4	4.5	3.8	0.1	0.1	0.0	0.0	3.2	4.7	3.0
	5FA	3.1	0.9	0.3	2.3	1.4	0.3	0.1	0.1	0.1	1.8	3.3	2.0
	5FB	1.7	0.1	0.4	2.9	0.6	0.2	0.0	0.0	0.1	1.2	2.0	0.9
	5G	0.6	0.1	0.4	4.1	3.0	0.2	0.0	0.0	0.0	1.2	1.1	0.2
	5HA	0.2	0.0	0.1	4.3	5.7	0.1	0.0	0.0	0.0	1.2	0.9	0.1
	5HB	0.3	0.2	0.2	4.1	5.2	0.2	0.0	0.0	0.0	1.3	0.8	0.1
	5J	2.0	1.1	0.2	2.0	3.5	0.7	0.1	0.0	0.0	1.2	1.5	0.2

Monthly Rainfall by Sub-basin

Year 1994 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.9	1.0	4.4	6.1	8.4	2.9	3.3	5.0	2.4	4.5	7.2	1.1
	1AB	0.6	0.9	3.2	6.0	7.7	3.2	3.8	4.8	2.0	3.9	6.7	0.8
	1AC	0.8	0.9	3.6	6.8	7.5	3.6	4.2	4.8	2.3	3.8	7.2	0.9
	1AD	1.1	1.1	5.9	7.6	9.2	3.4	4.2	5.1	2.7	5.0	8.1	1.5
	1AE	1.1	1.3	7.6	7.3	10.7	2.8	3.6	5.0	2.9	6.4	8.5	2.1
	1AF	1.1	1.1	5.7	7.1	8.7	3.2	3.7	4.7	2.6	4.7	8.0	1.4
	1AG	1.1	1.2	6.1	7.0	8.6	3.1	3.5	4.8	2.7	4.6	8.2	1.3
	1AH	1.2	1.2	7.0	7.0	9.7	2.9	3.3	4.9	2.7	5.9	8.2	2.0
	1BA	0.0	0.3	3.0	7.9	5.8	5.1	4.0	5.6	1.1	0.9	7.5	1.1
	1BB	0.0	0.4	2.4	6.8	6.7	6.0	4.6	6.0	1.4	1.4	7.0	0.8
	1BC	0.0	0.5	2.2	6.7	7.9	6.5	5.5	6.4	1.7	2.2	5.5	0.4
	1BD	0.1	0.5	2.9	6.5	6.9	4.2	4.8	5.6	1.6	2.2	6.2	0.6
	1BE	0.1	0.7	2.4	5.9	8.0	4.4	5.1	5.9	1.7	2.9	5.8	0.4
	1BG	0.2	0.8	2.6	6.0	7.9	3.9	5.1	6.0	2.1	3.5	6.2	0.4
	1BH	0.4	0.8	2.7	6.0	7.6	3.7	4.8	5.8	2.2	3.7	6.4	0.4
	1CA	0.1	0.5	3.7	8.3	6.7	4.9	5.4	5.3	1.5	1.5	5.5	0.6
	1CB	0.1	0.6	4.2	8.5	7.1	5.4	6.1	5.5	1.8	1.6	5.0	0.5
	1CC	0.1	1.0	4.8	8.4	7.3	5.5	6.1	5.4	2.1	1.5	5.8	0.5
	1CD	0.3	0.8	4.2	8.1	7.6	5.3	7.3	6.4	2.6	2.4	6.4	0.4
	1CE	0.5	0.6	3.4	6.8	7.5	4.6	6.3	6.9	3.0	3.5	6.6	0.2
	1DA	0.7	0.8	4.4	8.5	7.6	5.3	7.1	6.8	3.3	3.7	7.9	0.5
	1DB	0.6	0.8	3.1	6.5	7.4	3.8	4.7	5.4	2.3	3.6	6.9	0.6
	1DC	0.9	1.0	4.6	7.6	7.5	4.2	5.1	5.2	2.7	3.6	7.9	0.7
	1DD	1.0	1.1	5.2	7.3	7.7	3.6	4.2	4.8	2.7	3.8	8.0	0.9
	1EA	0.7	1.3	6.6	9.7	7.9	6.0	8.4	6.9	3.9	3.5	9.4	0.6
	1EB	1.0	1.4	7.5	8.8	8.0	5.1	6.6	5.4	3.8	3.7	9.8	0.5
	1EC	0.9	1.1	5.9	9.9	8.1	5.8	7.9	6.8	3.6	3.9	9.1	0.6
	1ED	1.2	1.2	6.6	8.0	8.2	3.9	4.8	5.2	3.2	4.2	8.8	0.9
	1EE	1.3	1.1	6.7	7.0	8.7	2.9	3.3	4.7	2.8	5.1	8.1	1.4
	1EF	1.2	1.2	6.7	6.8	8.7	2.8	3.2	4.9	2.4	5.3	8.1	1.8
	1EG	1.2	1.1	7.5	7.3	8.1	3.2	3.9	4.7	2.9	4.4	8.6	1.2
	1FA	0.1	1.4	5.2	8.0	7.7	5.4	6.2	5.6	2.4	1.6	6.6	0.5
	1FB	0.4	1.3	5.6	8.3	7.6	5.4	7.5	6.1	3.1	2.3	7.8	0.7
	1FC	0.4	1.6	6.2	8.2	7.4	5.1	7.0	5.8	3.3	2.4	8.4	0.8
	1FD	0.4	1.6	6.2	7.7	7.5	4.5	6.1	5.2	3.0	2.0	7.9	0.8
	1FE	0.8	1.6	8.2	8.7	7.5	4.8	6.5	5.2	3.4	3.2	9.7	0.9
	1FF	0.9	1.4	9.3	7.7	7.3	3.5	4.8	3.9	2.7	3.0	9.4	1.1
	1FG	1.0	1.2	7.2	6.5	7.6	2.8	3.4	4.8	1.9	4.5	8.3	1.9
LVSCA	1GA	0.3	1.8	6.2	7.1	7.5	4.6	5.6	5.1	1.9	1.8	6.7	0.5
	1GB	0.8	1.9	7.5	7.9	6.7	3.8	5.3	4.5	2.4	2.7	7.7	1.1
	1GC	0.4	2.1	5.1	6.3	7.0	4.9	6.2	5.5	1.6	1.7	6.0	0.6
	1GD	1.3	2.1	8.7	7.6	6.7	3.1	4.4	3.7	1.7	2.8	6.7	1.0
	1GE	1.4	2.1	8.2	8.8	8.3	3.8	5.0	4.8	2.6	3.5	7.0	1.1
	1GF	1.5	2.1	9.0	9.4	7.3	3.4	4.5	4.3	2.5	3.4	7.6	1.2
	1GG	0.6	2.1	6.7	6.4	7.4	4.5	5.7	4.9	1.5	1.9	6.4	0.6
	1HA1	1.0	1.8	9.5	7.7	6.2	3.2	4.5	3.3	2.3	2.1	8.4	1.2
	1HA2	1.2	1.9	9.1	8.0	5.8	2.8	4.0	3.1	1.7	2.2	7.3	1.2
	1HB1	1.0	1.3	8.0	6.7	6.9	2.8	3.4	4.0	1.9	3.5	8.4	1.7
	1HB2	0.9	1.4	10.1	7.3	6.6	2.7	3.9	2.9	1.9	2.2	8.8	1.3
	1HC	0.9	1.3	7.0	6.4	6.7	2.6	2.9	4.4	1.7	3.9	7.9	2.1
	1HD	1.5	2.5	9.7	8.5	6.7	4.2	4.0	4.2	3.2	3.9	9.0	2.2
	1HE	1.5	2.5	9.2	7.7	6.4	4.1	3.7	4.0	3.5	3.6	9.6	2.6
	1HF	1.0	1.8	7.0	6.8	5.4	2.8	2.4	3.5	2.2	2.9	7.6	2.5
	1HG	1.1	1.6	6.6	6.3	5.3	2.9	2.4	3.4	2.0	2.9	7.0	2.5
	1JA	0.6	2.6	6.8	8.5	8.7	5.4	5.9	5.8	2.9	3.8	7.9	1.2
	1JB	1.0	2.8	8.8	10.5	10.9	5.4	6.1	6.2	3.9	5.4	9.5	1.5
	1JC	0.9	2.2	7.1	8.8	10.2	4.9	6.6	5.9	3.1	4.2	8.3	1.2
	1JD	1.3	2.4	8.3	11.0	10.7	5.1	6.2	6.4	4.0	5.6	9.1	1.4
	1JE	1.8	3.9	10.0	8.8	7.2	5.7	3.5	4.6	3.1	4.1	9.2	2.2
	1JF	0.9	3.2	8.9	9.5	8.4	5.6	4.8	5.5	3.4	4.8	8.6	2.0
	1JG1	1.5	2.7	9.1	10.3	8.5	4.8	5.0	5.5	3.6	5.1	8.5	1.8
	1JG2	1.4	2.4	10.1	8.9	6.7	3.8	4.1	4.0	3.0	3.5	8.7	1.7
	1KA	2.0	2.7	8.9	7.5	6.2	4.3	3.5	3.9	3.7	3.4	10.0	2.6
	1KB	2.2	2.4	8.2	6.9	5.8	3.7	2.8	3.3	2.6	2.8	8.5	2.3
	1KC	3.4	2.9	8.2	6.9	5.6	4.0	2.6	3.1	2.2	2.2	8.4	2.1
	1LA1	0.7	3.2	7.4	8.3	7.0	5.8	4.0	4.7	2.5	3.0	8.3	1.6
	1LA2	2.6	3.1	7.8	7.3	4.9	4.8	2.3	3.2	1.8	1.8	7.4	2.3
	1LA3	2.3	3.8	5.0	5.4	3.2	2.7	1.5	1.8	0.8	1.0	5.7	1.6
	1LB1	0.9	3.3	7.0	7.7	5.6	5.1	3.0	3.9	2.0	2.4	7.5	1.6
	1LB2	2.0	3.7	6.0	5.8	3.8	3.4	1.7	2.3	1.1	1.1	6.2	1.8

Monthly Rainfall by Sub-basin

Year 1994 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.1	0.3	1.6	2.5	0.7	0.1	0.8	0.4	0.0	0.7	2.8	0.2
	2AB	0.0	0.2	1.3	2.5	0.9	0.0	0.7	0.3	0.0	0.2	2.3	0.1
	2BA	0.0	0.3	2.1	6.4	7.2	6.7	5.3	6.4	1.5	1.7	5.0	0.3
	2BB	0.0	0.2	1.8	4.2	6.2	4.2	3.9	4.6	0.8	1.2	4.1	0.3
	2BC	0.0	0.4	2.0	4.4	6.5	4.1	4.4	5.3	0.9	1.5	4.1	0.2
	2BD	0.0	0.2	0.8	1.9	3.6	0.4	1.5	1.4	0.0	0.4	1.5	0.1
	2CA	0.0	0.2	0.6	1.8	2.8	0.1	1.0	0.8	0.0	0.3	1.2	0.1
	2CB	0.0	0.6	4.1	9.9	6.2	5.5	5.0	6.7	1.1	1.0	6.3	0.8
	2CC	0.1	0.3	1.6	3.8	4.4	2.2	2.6	3.0	0.4	0.9	3.2	0.4
	2D	0.2	0.5	2.1	5.2	3.0	3.0	2.5	3.5	0.3	1.7	3.4	0.6
	2EA	0.0	0.8	1.5	4.1	3.9	3.2	4.3	3.8	0.8	1.0	4.1	0.4
	2EB	0.0	0.7	1.5	4.8	4.2	3.5	4.3	3.7	0.6	0.8	4.2	0.4
	2EC	0.0	0.9	2.0	3.8	3.6	3.7	4.4	4.1	1.0	1.2	3.9	0.4
	2ED	0.0	1.5	3.4	6.8	6.1	5.6	6.0	5.9	1.2	0.9	5.4	0.3
	2EE	0.0	0.5	3.1	8.4	5.0	5.3	4.7	5.6	0.7	0.8	5.6	0.4
	2EF	0.0	1.2	2.5	5.7	4.6	4.8	5.5	5.2	0.9	0.7	5.0	0.3
	2EG1	0.0	1.4	2.5	4.8	4.6	5.1	5.5	5.0	1.1	1.1	4.4	0.4
	2EG2	0.0	0.7	2.3	6.0	4.3	4.4	4.6	4.6	0.7	0.7	4.7	0.3
	2EH	0.1	0.3	3.6	9.5	6.0	5.5	4.8	6.8	0.8	0.7	5.1	0.5
	2EJ	0.1	0.3	1.6	5.2	4.1	3.5	2.7	2.4	0.3	1.0	3.1	0.5
	2EK	0.1	0.4	1.6	5.8	4.3	3.7	3.7	3.1	0.4	0.7	3.8	0.5
	2FA	0.1	0.9	1.6	3.7	2.6	3.7	1.9	3.1	1.7	1.7	4.1	0.8
	2FB	0.0	0.9	2.0	3.4	3.3	3.4	3.5	3.8	1.3	1.3	3.6	0.4
	2FC	0.0	0.7	1.8	3.7	3.2	4.0	2.9	3.4	1.4	1.4	3.6	0.7
	2GA	0.2	1.1	1.9	4.9	2.8	3.4	2.0	2.9	1.9	2.1	4.9	0.8
	2GB	0.2	1.4	1.9	4.9	3.3	3.4	2.1	3.1	2.1	2.2	5.0	0.8
	2GC	0.6	2.3	2.7	7.8	6.0	3.2	1.9	2.5	3.1	4.3	7.9	1.3
	2GD	0.6	1.5	2.3	6.5	4.4	3.0	1.8	2.2	2.0	3.2	6.5	1.1
	2H-1	1.0	3.0	2.5	6.3	3.2	1.2	0.9	1.3	0.5	2.4	6.6	1.6
	2H-2	0.7	3.1	2.2	6.0	2.2	0.6	0.5	0.8	0.1	2.4	7.4	2.0
	2H-3	0.5	2.8	2.2	4.6	1.6	0.4	0.4	0.6	0.1	2.2	7.1	2.2
	2J	0.0	0.2	1.2	2.4	1.6	0.0	0.9	0.4	0.0	0.2	2.1	0.1
	2KA	1.2	3.4	3.9	5.1	3.5	2.6	1.6	2.1	0.7	1.1	5.2	1.1
	2KB	1.7	4.2	2.8	4.8	2.2	1.1	0.8	1.0	0.1	1.0	4.7	1.2
	2KC	1.5	4.0	2.6	4.9	2.1	0.8	0.6	0.9	0.0	1.2	4.9	1.3
ACA	3AA	0.3	2.9	2.1	6.9	2.6	0.6	0.6	1.0	0.1	2.9	8.6	2.2
	3AB	0.4	2.7	2.3	4.4	1.5	0.3	0.3	0.5	0.1	2.6	8.2	2.6
	3AC	0.1	2.0	2.5	6.7	1.9	0.4	0.5	0.5	0.2	3.9	10.6	3.0
	3BA	0.3	2.5	2.2	8.7	3.4	0.8	0.8	1.3	0.2	3.9	9.9	2.3
	3BB	0.3	2.4	2.3	9.7	4.1	1.1	1.1	1.6	0.3	4.5	11.1	2.5
	3BC	0.5	2.4	2.6	10.5	5.3	1.5	1.4	2.0	0.6	5.2	11.6	2.6
	3BD	0.4	2.2	2.5	10.1	4.9	1.4	1.3	1.8	0.6	5.2	11.6	2.5
	3CB	0.4	1.9	2.5	9.7	4.4	1.2	1.1	1.5	0.6	5.4	11.6	2.5
	3DA	0.0	1.3	3.0	7.0	1.6	0.1	0.4	0.2	0.3	4.1	10.6	3.4
	3DB	0.0	1.8	3.1	3.3	1.2	0.1	0.3	0.2	0.4	3.7	9.5	6.3
	3EA	0.0	2.4	2.9	4.0	1.2	0.1	0.3	0.3	0.3	3.4	10.9	4.1
	3EB	0.0	2.3	3.1	3.3	1.2	0.1	0.3	0.2	0.4	3.3	10.5	4.7
	3EC	0.0	2.3	3.0	2.4	1.2	0.1	0.3	0.2	0.3	2.4	9.8	4.5
	3ED	0.1	1.9	3.1	2.2	1.1	0.0	0.3	0.2	0.3	2.8	9.6	5.6
	3FA	0.2	2.2	2.6	2.6	1.0	0.1	0.2	0.2	0.1	1.5	7.4	5.0
	3FB	0.2	1.7	3.3	1.8	1.0	0.0	0.1	0.1	0.1	0.8	7.1	8.4
	3G	0.2	3.7	3.2	2.1	1.9	0.2	0.3	0.1	0.2	1.3	5.0	5.4
	3HA	0.1	0.7	4.8	1.4	2.1	0.1	0.4	0.3	0.4	1.4	6.9	7.9
	3HB	0.1	0.5	3.2	2.5	4.4	0.9	1.4	1.0	1.2	1.5	5.4	6.5
	3HC	0.1	0.1	0.5	3.8	8.4	1.1	3.1	1.9	1.8	2.1	3.8	5.0
	3HD1	0.1	0.0	0.2	4.4	10.6	1.5	3.1	2.1	2.0	1.9	3.5	5.3
	3HD2	0.0	0.0	0.1	4.7	10.1	1.1	3.9	2.0	1.9	2.3	4.0	4.6
	3J	0.1	3.6	3.0	2.5	3.0	0.3	0.5	0.2	0.4	1.2	3.5	5.4
	3K	0.0	0.8	1.5	7.9	11.4	4.5	5.7	1.2	3.9	1.9	5.9	5.4
	3LA	0.1	0.7	2.9	3.3	5.2	1.3	1.8	1.0	1.9	1.5	5.1	6.4
	3LB	0.1	0.0	0.2	4.8	11.1	1.7	3.6	2.1	2.5	1.9	3.7	5.2
	3MA-1	0.2	2.2	5.3	2.8	3.7	0.7	1.2	0.4	1.5	1.9	5.3	7.4
	3MA-2	0.1	1.4	3.7	4.9	7.1	2.9	3.4	0.8	3.0	1.6	5.9	6.0
	3MB	0.1	0.5	0.9	7.7	10.0	3.9	4.8	1.3	3.9	1.8	5.1	5.2
	3MC	0.0	0.6	1.2	7.9	11.6	4.9	5.9	1.2	3.9	1.8	6.1	5.3
	3MD1	0.1	0.1	0.4	9.1	12.0	3.8	5.0	2.3	3.7	1.9	4.7	5.2
	3MD2	0.0	0.2	1.0	9.2	12.9	4.2	6.0	1.7	3.9	2.0	5.6	5.1
	3N	0.3	3.6	2.9	2.6	1.1	0.1	0.2	0.3	0.0	1.6	6.1	3.9

Monthly Rainfall by Sub-basin

Year 1994 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.3	1.1	2.4	9.8	8.1	0.6	1.7	1.2	0.8	5.9	9.2	2.2
	4AB	1.4	1.5	2.0	8.5	7.5	1.5	1.7	1.7	1.4	4.5	7.1	2.1
	4AC	1.7	1.7	2.2	9.5	7.9	1.8	2.0	2.0	1.6	4.9	8.1	2.3
	4AD	1.5	1.9	2.6	10.6	8.7	2.1	2.1	2.2	1.8	5.8	9.4	2.3
	4BA	1.4	1.3	2.3	12.8	7.2	0.9	1.6	1.4	0.6	6.2	10.7	2.2
	4BB	1.2	1.1	2.6	11.6	7.9	0.5	1.6	1.1	0.7	6.3	10.3	2.2
	4BC	1.2	1.1	2.4	13.3	6.3	0.5	1.4	1.0	0.6	6.5	11.5	1.9
	4BD	1.4	1.8	2.7	12.9	8.2	1.9	2.0	2.2	1.4	6.7	11.5	2.3
	4BE	1.0	1.6	2.7	13.3	6.9	1.5	1.6	1.9	0.8	6.9	12.3	2.2
	4BF	0.3	1.2	2.4	11.6	3.7	0.6	1.0	1.0	0.3	6.0	11.9	2.0
	4BG	0.1	0.9	2.8	11.2	2.6	0.3	0.7	0.6	0.2	5.4	11.2	1.8
	4CA	0.9	2.2	3.1	11.7	8.1	2.6	2.0	2.6	1.8	6.7	12.1	2.4
	4CB	0.9	2.0	2.9	12.4	7.5	2.0	1.9	2.4	1.1	7.0	13.0	2.6
	4CC	0.1	1.0	2.8	9.6	2.3	0.3	0.6	0.5	0.2	5.0	11.3	2.4
	4DA	0.8	0.9	2.6	12.9	5.5	0.4	1.3	0.9	0.6	6.6	11.8	1.8
	4DB	0.9	0.9	2.5	14.2	5.9	0.4	1.8	1.0	0.7	8.5	14.2	2.4
	4DC	0.9	0.9	2.5	15.2	6.2	0.4	2.1	1.0	0.8	9.8	16.0	2.7
	4DD	0.5	1.2	2.9	11.5	3.4	0.4	1.5	0.9	0.4	6.4	14.0	2.2
	4DE	0.1	1.3	3.3	9.0	2.0	0.2	0.7	0.5	0.2	4.7	10.5	2.7
	4EA	0.2	1.4	1.9	13.4	4.1	0.2	2.1	0.9	0.7	14.0	22.8	6.6
	4EB	0.4	1.3	2.5	15.6	5.0	0.2	2.7	1.0	0.8	13.6	21.8	5.0
	4EC	0.6	1.1	2.7	13.7	4.2	0.3	2.1	1.0	0.7	9.9	18.0	3.5
	4ED	0.2	1.1	2.7	7.3	1.7	0.2	1.1	0.7	0.5	5.9	13.1	5.2
	4FA	0.2	1.1	1.4	11.1	3.3	0.2	1.5	0.8	0.8	13.0	22.3	7.3
	4FB	0.2	0.9	1.3	10.0	2.5	0.1	1.4	0.8	0.9	12.4	21.8	7.0
	4GA	0.1	0.8	0.9	7.4	1.7	0.1	1.3	0.7	0.7	11.5	18.1	6.2
	4GB	0.1	0.5	0.8	6.1	1.3	0.4	0.8	0.5	0.7	8.4	15.6	5.1
	4GC	0.1	0.2	0.4	2.7	0.5	0.8	0.3	0.2	0.4	2.8	8.5	2.4
	4GD	0.1	0.4	1.0	3.6	1.1	0.6	0.7	0.4	0.6	3.0	9.4	3.4
	4GE	0.1	0.7	1.6	4.3	1.3	0.4	0.7	0.5	0.6	3.1	9.5	6.1
	4GF	0.1	0.8	1.5	3.9	2.4	0.4	1.0	0.6	1.0	2.3	8.0	5.6
	4GG	0.0	0.0	0.2	5.1	7.4	1.1	3.1	1.2	2.4	2.3	6.5	3.5
	4HA	0.1	1.4	2.7	3.1	1.0	0.1	0.2	0.2	0.3	2.3	9.1	8.8
	4HB	0.1	1.0	2.0	3.9	2.2	0.3	1.0	0.7	1.0	1.4	8.6	6.8
	4HC	0.1	0.6	3.0	2.4	3.1	0.4	1.1	0.8	0.8	1.3	6.4	7.0
	4JA	0.1	0.1	0.2	4.1	3.8	1.0	0.7	0.4	0.6	1.9	5.7	1.5
	4JB	0.1	0.1	0.2	8.1	11.1	1.8	2.1	0.7	1.3	1.5	4.2	1.7
	4KA	0.1	0.1	0.2	6.8	8.7	1.5	1.7	0.6	1.1	1.5	4.6	1.6
	4KB	0.1	0.1	0.3	5.9	7.7	1.3	1.9	0.7	1.5	1.8	5.4	1.8
ENNCA	5AA	0.0	0.8	1.0	4.0	3.8	2.7	3.8	3.0	0.6	1.1	3.7	0.7
	5AB	0.1	0.8	1.0	4.2	3.1	2.3	3.0	2.5	0.6	1.3	3.5	0.8
	5AC	0.0	0.3	0.9	4.7	3.5	2.2	3.2	2.1	0.2	1.3	3.6	0.8
	5AD	0.1	0.4	0.8	4.4	2.8	1.8	2.4	1.8	0.3	1.5	3.4	0.8
	5BA	1.1	1.2	1.6	6.6	6.5	1.2	1.4	1.4	1.3	3.7	5.8	1.7
	5BB	0.9	1.2	1.4	5.9	5.5	1.6	1.5	1.7	1.4	2.9	4.9	1.4
	5BC-1	0.5	0.8	1.1	5.2	4.9	1.3	1.5	1.5	0.9	3.0	4.9	1.2
	5BC-2	0.1	0.4	0.8	4.3	2.9	1.7	1.9	1.6	0.6	1.9	3.9	0.7
	5BD	0.1	0.6	0.9	4.2	3.0	1.9	2.1	1.9	0.6	1.5	3.3	0.8
	5BE	0.3	1.0	1.2	5.6	4.0	1.0	1.3	1.3	0.8	5.0	7.5	2.4
	5CA	0.0	0.4	1.2	3.9	2.6	3.4	2.4	2.7	0.2	1.5	3.4	0.7
	5CB	0.2	0.5	1.6	4.5	1.9	2.8	2.3	2.7	0.2	2.2	3.6	0.8
	5CC	0.3	0.6	1.8	4.9	1.7	2.5	2.2	2.8	0.1	2.5	3.0	0.7
	5DA	0.2	1.0	1.9	7.1	2.5	0.5	1.2	1.0	0.5	8.4	12.7	4.9
	5DB	0.1	0.8	1.5	5.3	2.6	1.1	1.7	1.3	0.5	4.9	7.5	2.5
	5DC	0.0	0.4	1.0	4.3	3.1	2.2	2.4	1.8	0.2	1.8	4.0	0.8
	5DD	0.0	0.5	1.5	4.6	2.4	2.3	2.3	2.2	0.3	2.9	5.3	1.3
	5EA	0.0	0.1	0.4	1.6	0.8	0.1	0.2	0.1	0.2	3.1	3.7	0.7
	5EB	0.0	0.1	0.6	2.0	1.3	0.2	0.3	0.2	0.2	4.0	4.2	1.0
	5EC	0.1	0.3	1.0	3.6	1.5	0.6	1.0	1.0	0.2	5.4	5.1	1.8
	5ED	0.1	0.6	0.9	5.5	1.3	0.1	1.0	0.6	0.5	9.8	13.2	4.2
	5FA	0.0	0.4	0.3	3.2	0.8	0.4	0.4	0.3	0.4	5.8	8.3	2.5
	5FB	0.0	0.3	0.2	1.8	0.3	0.3	0.2	0.2	0.2	4.0	4.8	1.2
	5G	0.0	0.0	0.5	1.6	1.1	0.1	0.1	0.1	0.2	3.1	4.1	0.4
	5HA	0.0	0.0	0.3	1.4	0.8	0.0	0.1	0.0	0.2	2.3	4.2	0.2
	5HB	0.0	0.0	0.4	1.5	1.0	0.1	0.1	0.1	0.2	2.9	4.3	0.4
	5J	0.1	0.3	1.3	2.6	1.2	0.3	0.8	0.7	0.1	2.7	2.6	1.0

Monthly Rainfall by Sub-basin

Year 1995 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	2.0	3.3	8.2	4.3	3.1	3.8	4.4	5.7	3.7	3.6	1.0
	1AB	0.4	1.5	2.8	7.4	3.5	3.2	3.8	4.5	5.4	3.4	3.3	0.8
	1AC	0.5	1.6	2.7	8.2	3.8	3.7	3.7	4.2	5.5	3.4	4.1	0.7
	1AD	0.7	2.9	4.0	9.2	5.4	3.9	3.9	3.7	6.5	4.4	4.8	1.2
	1AE	0.7	3.7	4.9	9.9	6.6	3.6	3.3	3.8	7.0	5.4	4.1	1.7
	1AF	0.7	2.7	4.2	8.9	4.9	3.8	3.8	3.4	6.3	4.6	4.8	1.2
	1AG	0.9	2.9	4.7	9.0	4.8	3.8	4.0	3.2	6.6	4.9	5.1	1.4
	1AH	0.9	3.4	4.7	10.1	5.8	3.3	3.3	3.3	6.9	5.7	4.4	2.0
	1BA	0.1	1.1	2.9	5.8	2.2	2.6	4.0	3.7	2.7	3.7	3.0	1.4
	1BB	0.1	1.2	2.6	5.7	2.3	3.5	5.1	4.2	3.3	4.6	3.0	1.0
	1BC	0.2	1.2	2.6	5.5	3.0	4.7	6.4	4.7	4.2	4.8	3.4	0.8
	1BD	0.1	1.3	2.6	6.5	2.8	3.0	4.2	4.8	3.9	3.4	2.7	1.0
	1BE	0.2	1.4	2.7	5.6	3.3	4.1	5.6	4.7	4.9	4.1	2.9	0.9
	1BG	0.2	1.6	2.5	6.4	3.4	3.8	4.8	5.0	5.5	3.6	2.8	0.8
	1BH	0.3	1.5	2.4	7.1	3.4	3.6	4.2	5.2	5.5	3.3	3.0	0.7
	1CA	0.1	1.4	3.4	6.7	2.7	2.9	4.3	4.3	3.3	2.5	3.2	1.2
	1CB	0.2	1.5	4.0	7.2	2.8	3.3	4.9	4.6	3.7	2.5	3.5	1.1
	1CC	0.3	1.9	5.0	6.6	2.8	3.8	4.7	4.2	4.1	2.8	3.6	1.2
	1CD	0.4	2.0	2.9	8.0	3.7	4.6	5.3	5.4	4.5	2.9	4.1	0.8
	1CE	0.3	1.5	2.0	8.6	4.2	4.6	4.6	6.6	5.2	2.6	3.6	0.4
	1DA	0.5	2.2	2.6	9.3	4.8	5.8	5.3	5.4	6.2	3.2	5.1	0.5
	1DB	0.4	1.5	2.6	7.6	3.5	3.8	4.0	4.7	5.5	3.3	3.7	0.7
	1DC	0.7	2.1	3.5	8.6	4.1	4.8	4.3	3.9	6.1	3.8	5.2	0.8
	1DD	0.8	2.4	4.1	8.6	4.2	4.4	4.1	3.3	6.3	4.3	5.4	1.0
	1EA	0.8	3.4	4.3	9.6	5.3	7.2	6.3	4.6	6.9	3.9	6.5	0.8
	1EB	0.9	3.6	5.6	9.5	5.1	7.0	5.6	3.3	7.6	4.4	6.9	1.0
	1EC	0.8	3.1	3.9	9.8	5.3	7.0	6.0	4.2	7.2	4.1	6.6	0.8
	1ED	1.1	3.3	5.2	9.5	4.8	5.1	4.5	3.1	7.4	5.3	6.3	1.5
	1EE	1.3	3.3	5.0	10.1	5.0	3.6	3.4	3.0	7.2	6.2	5.5	2.2
	1EF	1.1	3.2	4.6	10.4	5.1	3.3	3.1	2.9	6.8	6.0	4.8	2.4
	1EG	1.4	3.5	5.4	10.3	4.8	4.2	3.5	2.6	7.2	6.4	5.9	2.3
	1FA	0.4	2.2	5.5	6.1	3.0	4.3	4.5	4.2	4.5	3.1	3.7	1.1
	1FB	0.7	2.8	4.3	7.8	3.9	5.1	5.5	4.9	4.9	3.3	4.9	1.0
	1FC	0.8	3.0	4.9	7.5	3.9	5.2	5.2	4.8	5.1	3.5	5.1	1.2
	1FD	0.8	2.8	5.0	6.6	3.8	4.7	4.2	4.6	4.6	3.5	4.2	1.2
	1FE	1.1	3.7	5.4	9.2	5.0	5.9	5.2	3.5	6.2	5.1	6.0	1.4
	1FF	1.3	3.6	5.6	9.6	5.0	4.8	4.0	2.5	5.8	6.1	5.4	1.8
	1FG	1.2	3.1	4.6	11.0	4.5	3.5	2.9	2.0	6.2	6.2	4.7	3.0
LVSCA	1GA	0.7	2.4	5.3	5.8	3.4	4.4	3.6	4.2	4.1	4.2	3.1	1.0
	1GB	1.0	3.1	4.9	7.3	4.1	3.8	3.7	4.5	4.2	4.9	3.6	1.7
	1GC	0.5	3.1	5.3	5.9	3.9	5.0	3.6	4.1	4.3	5.8	2.9	1.3
	1GD	1.0	3.2	4.9	7.1	4.7	3.5	2.7	4.0	4.2	6.4	3.0	1.8
	1GE	1.0	3.7	5.3	7.1	6.3	4.1	3.0	3.6	5.1	6.9	4.0	2.5
	1GF	1.1	3.8	5.2	7.4	6.6	3.5	3.2	3.1	4.5	6.4	4.1	2.6
	1GG	0.8	2.9	5.4	6.0	3.8	4.8	3.2	4.2	4.2	5.3	3.0	1.2
	1HA1	1.3	3.4	5.0	8.2	4.8	3.4	3.4	2.9	3.9	5.7	3.8	1.7
	1HA2	1.1	3.3	4.4	7.8	4.9	2.6	2.9	3.0	3.4	6.3	2.9	1.9
	1HB1	1.4	3.0	4.8	10.6	4.4	3.5	2.8	1.7	5.3	6.3	4.6	2.7
	1HB2	1.4	3.3	5.0	9.3	5.0	3.5	3.0	1.7	4.2	6.7	4.0	2.0
	1HC	1.3	2.6	4.6	10.8	4.1	3.1	2.6	1.7	5.1	6.0	4.5	3.0
	1HD	1.7	3.6	6.4	7.1	6.2	4.8	3.8	2.3	4.7	5.5	5.4	2.8
	1HE	1.9	3.1	6.8	7.0	5.5	4.6	3.7	2.0	4.5	4.5	6.1	2.4
	1HF	1.7	2.0	6.0	7.1	4.3	2.7	2.6	1.8	3.1	4.3	5.1	1.6
	1HG	1.7	2.1	5.1	7.3	3.9	2.2	2.1	1.8	3.1	4.4	4.7	1.8
	1JA	1.1	3.9	6.5	7.1	6.5	5.9	3.9	3.8	5.5	6.0	4.8	2.8
	1JB	1.6	4.6	7.6	8.0	8.4	6.6	4.2	3.8	6.4	7.6	6.6	3.8
	1JC	1.1	4.1	6.7	7.3	7.0	6.3	3.8	4.2	5.9	7.6	5.5	2.9
	1JD	1.4	4.7	7.2	7.8	8.5	6.5	4.3	3.7	6.4	7.5	6.5	3.9
	1JE	2.5	4.1	7.5	7.4	6.6	6.1	3.7	2.5	5.3	4.2	5.0	3.6
	1JF	1.8	4.3	7.3	7.5	7.1	6.4	4.0	3.2	5.5	5.4	5.1	3.6
	1JG1	1.5	4.5	6.7	7.2	7.5	5.8	4.2	3.2	5.6	6.1	5.6	3.5
	1JG2	1.5	3.8	5.8	7.2	6.4	4.1	3.5	2.5	4.5	6.2	4.8	2.7
	1KA	2.3	3.2	6.8	6.2	5.3	4.4	3.6	2.1	4.7	3.8	6.6	2.3
	1KB	2.5	3.1	5.6	6.0	4.7	3.5	2.8	2.1	4.0	4.0	5.3	2.1
	1KC	3.0	4.2	4.7	6.0	4.1	3.7	2.5	2.1	4.6	3.8	4.6	2.5
	1LA1	1.6	3.4	7.0	7.4	6.2	4.9	3.2	2.9	4.8	4.6	3.9	3.1
	1LA2	3.0	5.1	4.8	5.2	3.7	3.8	2.3	2.1	4.1	2.5	3.1	3.1
	1LA3	2.5	4.2	3.9	4.2	2.7	1.7	1.6	1.7	3.2	2.1	2.6	1.6
	1LB1	1.7	3.3	6.4	6.4	5.4	4.1	2.6	2.6	4.1	3.6	3.1	2.8
	1LB2	2.7	4.3	4.5	4.5	3.4	2.2	1.8	1.9	3.6	1.8	2.7	2.0

Monthly Rainfall by Sub-basin

Year 1995 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.2	0.6	0.9	0.4	0.0	0.5	0.1	0.2	0.3	0.1	0.5
	2AB	0.0	0.2	0.3	0.7	0.2	0.0	0.5	0.1	0.2	0.2	0.1	0.5
	2BA	0.2	0.9	2.4	5.4	2.6	4.3	6.0	4.1	3.4	4.5	3.1	0.6
	2BB	0.1	0.5	1.7	3.6	1.7	2.7	4.1	3.3	2.4	3.4	1.9	0.6
	2BC	0.1	0.6	2.0	4.0	2.4	3.3	4.8	3.0	2.6	3.3	2.0	0.6
	2BD	0.0	0.2	0.6	1.0	0.5	0.1	1.2	1.2	0.4	0.7	0.3	0.7
	2CA	0.0	0.2	0.5	0.9	0.4	0.0	0.5	0.2	0.3	0.3	0.2	0.6
	2CB	0.1	1.3	3.8	5.1	2.7	3.3	4.4	3.7	3.5	3.1	3.2	1.7
	2CC	0.0	0.5	1.3	2.2	1.2	1.0	2.0	1.8	1.3	1.9	1.2	0.8
	2D	0.1	1.0	2.1	2.2	1.7	0.8	2.0	1.6	1.8	2.3	1.4	1.1
	2EA	0.0	1.3	3.9	3.3	2.3	3.1	2.4	2.6	2.9	4.6	2.0	1.0
	2EB	0.0	1.3	3.4	2.9	2.0	3.0	2.9	2.6	2.7	4.4	2.1	1.0
	2EC	0.0	1.4	4.2	4.3	2.8	3.4	2.2	3.2	3.7	5.1	1.8	1.3
	2ED	0.1	1.9	5.2	4.7	2.6	3.9	3.8	3.6	3.5	4.0	2.0	1.0
	2EE	0.1	1.1	3.8	3.7	2.4	3.4	3.8	3.3	3.3	3.2	2.5	1.5
	2EF	0.0	1.6	4.6	4.4	2.6	3.8	3.1	3.5	3.4	4.3	1.6	1.1
	2EG1	0.0	2.2	4.3	5.0	2.9	4.0	3.2	3.6	4.1	5.2	1.8	1.3
	2EG2	0.0	1.2	3.8	3.5	2.4	3.3	3.0	3.2	3.2	4.1	1.9	1.3
	2EH	0.0	1.0	3.0	3.3	2.5	3.3	4.5	3.4	3.5	3.1	3.1	1.6
	2EJ	0.0	1.0	2.7	2.6	1.7	1.7	2.5	1.5	2.3	3.1	1.6	1.2
	2EK	0.0	1.0	2.7	2.8	1.9	2.4	3.0	2.1	2.5	3.7	1.9	1.1
	2FA	0.1	1.5	3.6	3.6	1.9	4.1	1.3	2.1	3.1	4.0	2.7	1.7
	2FB	0.1	1.3	4.0	3.9	2.6	3.2	1.8	2.7	3.5	5.0	2.2	1.3
	2FC	0.1	1.3	3.7	3.6	2.3	3.7	1.6	2.7	3.7	4.7	2.1	1.6
	2GA	0.1	1.7	3.9	3.2	2.0	4.1	1.5	1.8	2.6	3.9	2.6	1.5
	2GB	0.1	1.9	4.0	3.5	2.2	4.0	1.8	1.7	2.8	4.8	3.0	1.5
	2GC	0.6	2.5	5.0	3.7	4.4	4.3	2.2	1.5	2.9	4.7	3.8	2.1
	2GD	0.4	2.1	4.4	3.1	3.3	4.0	1.5	1.4	2.4	3.3	2.7	1.8
	2H-1	0.9	2.9	4.9	3.8	3.8	1.3	0.8	0.7	1.1	2.7	2.3	1.4
	2H-2	0.9	3.2	5.6	4.1	3.5	0.5	0.5	0.6	0.6	3.1	2.2	1.7
	2H-3	0.7	3.0	5.0	3.0	2.7	0.3	0.4	0.5	0.4	2.9	1.8	1.6
	2J	0.0	0.2	0.4	0.8	0.3	0.0	1.1	0.6	0.2	0.3	0.1	0.6
	2KA	1.2	2.4	4.6	3.8	3.6	2.1	1.3	1.7	3.0	2.3	1.9	1.4
	2KB	1.2	2.9	3.9	3.5	2.6	0.7	0.7	0.9	1.7	2.2	1.7	0.6
	2KC	1.2	3.3	4.3	3.5	2.8	0.5	0.7	0.6	1.3	2.3	1.7	0.8
ACA	3AA	0.8	3.3	6.1	4.4	4.3	0.6	0.5	0.6	0.6	3.5	2.6	2.1
	3AB	0.9	2.9	5.5	3.0	2.4	0.3	0.3	0.4	0.4	3.0	1.8	2.2
	3AC	0.7	2.8	5.6	4.5	2.0	0.3	0.3	0.7	0.2	4.0	2.7	3.3
	3BA	0.9	3.2	6.2	5.9	4.6	0.8	0.7	0.7	0.6	3.9	3.4	2.9
	3BB	1.1	3.1	6.8	7.4	4.7	0.9	0.9	0.7	0.5	4.0	4.1	3.5
	3BC	1.2	3.3	6.7	7.7	5.5	1.4	1.2	0.8	0.9	4.0	4.6	3.5
	3BD	1.2	3.0	6.7	7.7	4.8	1.3	1.2	0.9	0.8	4.1	4.5	3.7
	3CB	1.0	2.9	6.1	7.3	4.1	1.1	1.0	0.9	0.6	4.5	4.5	4.0
	3DA	0.6	2.5	5.1	4.4	1.0	0.3	0.2	0.8	0.1	4.3	3.0	3.4
	3DB	0.5	1.6	4.0	3.8	0.7	0.2	0.1	0.5	0.0	3.8	3.6	3.5
	3EA	0.6	2.5	4.8	2.6	1.0	0.3	0.1	0.5	0.1	3.7	2.5	3.1
	3EB	0.6	2.1	4.4	2.9	0.9	0.2	0.1	0.3	0.1	3.5	3.3	3.2
	3EC	0.5	2.2	3.9	2.8	0.9	0.1	0.1	0.3	0.1	3.2	3.2	2.9
	3ED	0.4	1.7	3.7	3.2	0.6	0.1	0.1	0.3	0.0	3.1	3.9	3.2
	3FA	0.4	2.2	3.4	2.4	1.1	0.1	0.1	0.3	0.1	2.7	2.5	2.5
	3FB	0.2	1.5	2.7	1.7	0.7	0.0	0.1	0.1	0.0	2.0	3.0	2.6
	3G	0.1	1.4	2.6	3.9	1.8	0.1	0.1	0.4	0.1	2.2	3.0	1.9
	3HA	0.1	1.1	2.3	3.0	1.5	0.1	0.2	1.2	0.1	1.7	4.9	1.6
	3HB	0.1	0.5	1.7	2.6	3.0	0.1	1.2	2.5	0.2	3.2	5.2	1.3
	3HC	0.0	0.0	0.9	2.0	4.5	0.2	2.1	3.0	0.4	3.7	3.1	1.3
	3HD1	0.0	0.0	1.3	2.2	5.7	0.3	2.2	2.9	0.5	3.5	4.3	1.4
	3HD2	0.0	0.0	0.9	2.0	5.1	0.2	2.3	3.1	0.5	3.5	2.6	1.9
	3J	0.1	1.8	2.3	5.1	2.7	0.1	0.2	1.4	0.1	2.5	3.4	1.4
	3K	0.6	0.1	1.9	5.0	9.4	0.1	2.5	3.7	1.4	4.5	4.5	1.0
	3LA	0.2	0.6	1.7	4.1	4.6	0.1	1.3	2.5	0.4	3.3	5.7	1.2
	3LB	0.1	0.0	1.2	3.4	6.7	0.3	2.4	2.9	0.5	3.7	4.9	1.5
	3MA-1	0.3	1.9	2.7	4.1	2.8	0.0	0.5	2.1	0.2	2.9	5.2	1.2
	3MA-2	0.7	0.7	2.3	4.0	5.7	0.1	1.5	3.1	0.8	3.9	5.1	0.9
	3MB	0.5	0.0	1.8	5.7	10.2	0.2	2.6	3.8	1.3	4.6	4.7	1.1
	3MC	0.8	0.0	1.7	5.0	9.7	0.1	2.7	3.9	1.5	4.7	4.3	1.0
	3MD1	0.1	0.0	1.8	7.7	11.0	0.3	2.7	4.0	1.1	5.4	6.2	1.1
	3MD2	0.2	0.0	1.8	6.0	10.3	0.1	2.7	4.7	1.5	5.2	4.8	1.1
	3N	0.3	2.3	3.5	3.0	1.6	0.1	0.1	0.3	0.1	2.7	2.1	2.0

Monthly Rainfall by Sub-basin

Year 1995 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.3	3.5	3.8	7.2	6.5	0.5	0.7	0.9	1.4	9.3	3.2	3.7
	4AB	1.6	3.3	3.5	4.9	6.2	1.5	1.2	1.1	1.6	7.5	2.7	3.0
	4AC	1.8	3.5	3.7	5.2	7.2	1.8	1.4	1.2	1.9	6.5	3.1	3.2
	4AD	1.7	3.7	4.2	6.1	7.6	2.3	1.7	1.2	2.0	5.9	3.8	3.3
	4BA	1.1	4.0	3.5	10.1	7.0	0.7	0.7	1.2	1.2	6.7	3.6	3.5
	4BB	1.0	3.7	3.7	8.0	6.6	0.4	0.5	1.1	1.4	8.3	3.4	3.8
	4BC	0.5	3.8	3.8	10.7	5.9	0.4	0.5	1.3	0.9	7.9	4.1	3.4
	4BD	1.4	4.0	4.2	9.2	8.0	2.1	1.5	1.2	1.6	5.6	4.6	3.4
	4BE	1.0	3.9	4.3	10.2	7.1	1.6	1.2	1.2	1.2	5.7	4.9	3.5
	4BF	0.5	3.3	4.4	9.8	4.3	0.6	0.5	1.0	0.4	5.5	4.2	3.8
	4BG	0.3	3.6	4.0	8.8	2.9	0.2	0.3	1.1	0.3	5.9	3.5	3.2
	4CA	1.4	3.4	5.9	7.4	6.8	2.9	2.0	1.2	1.7	4.7	5.1	3.4
	4CB	1.5	3.4	5.8	8.9	6.8	2.2	1.6	1.0	1.2	5.1	5.5	4.0
	4CC	0.5	3.0	4.8	6.7	1.9	0.3	0.3	1.0	0.2	5.3	3.4	3.7
	4DA	0.4	3.7	4.0	10.0	5.3	0.3	0.5	1.3	0.9	8.0	4.5	3.4
	4DB	0.4	3.2	5.0	10.7	5.6	0.3	0.7	1.4	1.1	8.6	6.2	4.1
	4DC	0.5	3.0	5.7	11.4	6.0	0.4	0.8	1.4	1.1	8.9	7.3	4.5
	4DD	0.1	3.0	4.3	8.8	3.1	0.2	0.6	1.4	0.6	7.4	4.6	3.8
	4DE	0.2	2.7	4.1	6.4	1.4	0.1	0.2	1.0	0.2	5.9	2.9	3.6
	4EA	0.7	2.3	6.5	16.8	6.0	0.2	1.0	1.2	0.8	9.4	9.5	7.0
	4EB	0.7	2.7	7.2	14.6	7.8	0.4	1.2	1.3	0.9	9.1	9.8	6.5
	4EC	0.4	2.9	6.1	11.1	5.6	0.3	0.9	1.5	0.9	8.4	7.5	5.1
	4ED	0.3	2.8	4.2	7.6	1.9	0.1	0.6	1.3	0.3	6.4	4.3	4.7
	4FA	0.6	2.2	5.4	17.0	3.8	0.1	0.8	1.1	0.7	9.5	8.6	7.1
	4FB	0.5	2.3	5.5	17.0	3.0	0.1	0.8	1.1	0.4	8.6	8.1	6.7
	4GA	0.4	2.3	5.0	17.0	1.7	0.1	0.7	0.9	0.3	8.1	6.4	6.7
	4GB	0.2	2.0	4.1	13.7	1.4	0.0	0.6	1.4	0.2	6.1	5.0	5.5
	4GC	0.1	0.9	2.2	6.5	0.6	0.0	0.3	1.9	0.1	3.4	1.5	3.7
	4GD	0.2	1.0	2.3	5.9	1.3	0.0	0.6	2.0	0.2	4.0	2.1	4.0
	4GE	0.4	1.2	2.4	5.4	1.3	0.0	0.6	1.7	0.2	4.4	2.5	4.2
	4GF	0.4	0.6	1.9	3.6	1.7	0.1	0.7	1.7	0.2	2.9	2.0	3.6
	4GG	0.1	0.3	1.4	3.4	5.0	0.3	1.9	3.2	0.5	3.4	2.4	3.3
	4HA	0.4	1.2	2.9	3.2	0.4	0.1	0.1	0.4	0.0	3.2	3.1	3.2
	4HB	0.4	0.7	2.0	2.5	1.5	0.1	0.8	1.0	0.2	2.2	2.2	2.8
	4HC	0.2	0.6	1.8	2.1	1.9	0.1	0.9	1.4	0.2	2.4	3.9	1.8
	4JA	0.1	0.4	1.7	4.8	2.9	0.3	0.8	1.8	0.2	2.6	1.1	2.6
	4JB	0.1	0.0	1.4	3.8	8.4	0.9	2.1	2.9	0.4	2.8	1.3	2.5
	4KA	0.1	0.1	1.4	3.9	6.7	0.7	1.7	2.7	0.4	2.7	1.2	2.6
	4KB	0.1	0.2	1.4	3.8	5.8	0.6	1.6	2.9	0.4	2.7	1.5	3.1
ENNCA	5AA	0.0	1.6	2.8	3.0	1.8	2.8	2.4	1.9	2.0	5.5	2.1	1.0
	5AB	0.0	1.5	2.4	3.0	1.9	2.6	2.0	1.3	1.5	6.2	2.0	1.2
	5AC	0.0	1.4	2.1	3.8	2.1	1.9	1.7	0.8	1.6	5.6	1.3	1.3
	5AD	0.0	1.3	2.0	3.1	2.3	1.9	1.4	0.6	1.2	7.0	1.4	1.4
	5BA	1.3	2.7	3.0	3.3	5.0	1.3	1.0	1.0	1.6	8.4	2.2	2.6
	5BB	1.0	2.2	3.1	2.9	4.4	1.9	1.3	1.2	1.6	7.9	2.2	2.3
	5BC-1	0.8	2.0	2.5	4.0	3.9	1.2	1.2	0.9	1.3	8.9	2.1	2.1
	5BC-2	0.0	1.6	2.4	3.2	2.9	1.3	1.3	0.6	1.4	8.1	1.5	1.5
	5BD	0.1	1.3	2.0	2.7	2.4	2.1	1.5	0.9	1.2	7.7	1.7	1.4
	5BE	0.5	2.4	3.6	6.4	3.3	0.7	1.0	0.6	1.4	9.6	3.0	3.4
	5CA	0.1	1.4	2.5	2.5	1.4	1.0	1.6	1.2	1.9	3.3	1.0	1.2
	5CB	0.1	1.5	2.4	2.4	1.6	0.6	1.3	1.0	1.6	4.3	1.0	1.4
	5CC	0.1	1.3	2.1	2.5	1.9	0.4	1.3	0.9	1.4	2.4	1.1	1.1
	5DA	0.5	2.6	4.2	10.8	1.2	0.2	0.5	0.4	0.9	9.8	4.7	5.5
	5DB	0.3	2.5	3.6	4.8	2.0	0.7	0.9	0.4	1.4	8.8	2.7	3.6
	5DC	0.0	1.7	3.0	3.1	2.1	1.3	1.4	0.7	1.7	6.5	1.0	1.5
	5DD	0.2	2.1	3.1	3.3	1.4	0.9	1.2	0.8	1.6	6.4	1.6	2.2
	5EA	0.0	0.8	2.3	5.3	0.3	0.1	0.2	0.4	0.0	3.1	1.3	0.9
	5EB	0.0	1.1	2.4	6.0	1.0	0.1	0.4	0.4	0.1	2.6	1.7	0.9
	5EC	0.1	1.8	2.2	7.8	1.9	0.1	0.5	0.5	0.4	2.6	2.7	1.4
	5ED	0.2	1.9	3.5	13.5	0.9	0.1	0.4	0.5	0.2	6.3	4.6	4.2
	5FA	0.1	1.1	2.6	9.6	0.5	0.0	0.3	1.0	0.1	4.0	2.4	3.2
	5FB	0.0	0.9	2.1	6.9	0.1	0.0	0.2	0.7	0.0	3.1	1.4	1.8
	5G	0.0	0.5	1.9	3.7	0.3	0.1	0.2	0.3	0.0	2.4	0.9	0.5
	5HA	0.0	0.1	1.3	3.0	0.1	0.0	0.1	0.2	0.0	1.5	0.8	0.3
	5HB	0.0	0.2	1.3	2.8	0.3	0.0	0.2	0.2	0.0	1.5	0.6	0.3
	5J	0.0	1.0	1.4	3.6	1.5	0.0	0.5	0.4	0.2	0.9	1.3	0.6

Monthly Rainfall by Sub-basin

Year 1996 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.0	4.1	4.9	7.7	7.3	4.1	4.4	3.9	7.8	5.0	3.9	0.9
	1AB	1.5	3.7	4.4	7.4	6.4	3.9	4.1	4.7	6.4	4.2	3.3	0.6
	1AC	1.6	4.8	4.7	8.7	7.9	4.1	4.5	3.9	7.3	4.9	3.9	0.9
	1AD	2.6	5.0	5.8	9.2	8.8	4.1	4.9	3.4	9.5	5.9	4.7	1.4
	1AE	3.2	4.5	6.5	7.2	8.2	4.7	4.7	3.5	8.9	6.0	4.4	1.7
	1AF	2.5	5.2	5.9	9.5	9.0	4.1	4.6	3.4	9.5	5.9	5.0	1.3
	1AG	2.7	5.0	6.3	10.0	9.0	4.0	4.4	3.4	10.4	6.0	5.5	1.2
	1AH	3.3	4.2	6.6	8.1	7.8	4.2	4.3	3.1	9.8	5.9	5.2	1.4
	1BA	1.4	2.4	4.8	2.4	2.4	6.8	6.9	4.9	2.6	1.0	3.3	0.0
	1BB	1.2	1.8	3.9	3.3	3.2	5.6	5.3	5.2	3.6	1.8	3.4	0.1
	1BC	1.2	1.3	3.0	4.3	4.1	4.2	3.7	5.6	4.6	2.6	3.4	0.2
	1BD	1.2	2.0	4.5	3.5	2.8	4.8	5.3	5.4	3.3	1.6	2.2	0.1
	1BE	1.2	1.5	3.4	5.3	3.9	3.1	3.2	5.8	4.3	2.4	2.4	0.1
	1BG	1.3	1.7	3.6	5.2	3.7	3.4	3.5	6.1	4.4	2.6	1.9	0.1
	1BH	1.3	2.3	3.7	5.6	4.3	3.6	3.8	5.6	4.9	3.1	2.2	0.2
	1CA	1.3	2.4	5.6	2.7	2.5	6.0	6.8	5.2	2.9	0.9	2.5	0.1
	1CB	1.2	2.6	5.7	3.0	2.7	5.8	6.9	5.5	3.2	0.9	2.6	0.2
	1CC	1.4	2.7	5.6	3.4	3.2	5.3	6.6	6.3	3.4	1.3	3.4	0.5
	1CD	1.6	3.0	4.9	4.3	4.3	4.3	5.9	5.3	4.1	2.2	2.4	0.7
	1CE	1.3	2.6	3.7	4.2	4.0	3.6	4.2	4.8	4.4	2.9	1.7	0.4
	1DA	1.7	4.3	4.5	7.2	6.7	3.7	4.3	4.4	6.2	4.0	2.8	1.0
	1DB	1.4	3.7	4.2	7.4	6.2	3.8	4.1	4.8	6.1	3.9	3.0	0.6
	1DC	1.9	5.1	5.3	9.4	8.3	3.9	4.3	4.1	8.1	5.0	4.3	1.0
	1DD	2.2	5.4	5.9	10.4	9.1	3.9	4.3	3.7	9.6	5.6	5.2	1.1
	1EA	2.5	4.8	5.9	7.5	7.5	4.2	4.3	5.5	6.3	3.9	3.5	1.4
	1EB	2.8	5.5	6.9	9.3	8.8	4.4	3.4	5.0	8.3	4.9	4.6	1.2
	1EC	2.4	5.3	5.7	9.2	8.4	3.9	4.4	4.6	7.9	4.7	3.8	1.3
	1ED	3.0	4.9	6.7	10.7	8.8	3.6	4.1	3.8	11.2	5.8	5.8	1.1
	1EE	3.5	4.0	6.9	10.1	7.9	3.3	4.1	2.9	12.4	6.1	6.5	1.0
	1EF	3.4	3.9	6.9	8.7	7.4	3.8	3.8	2.8	10.4	5.6	5.9	1.1
	1EG	3.5	4.0	7.5	9.8	7.5	3.3	3.4	3.1	11.6	5.4	6.6	0.9
	1FA	1.7	2.9	5.0	3.8	4.0	4.1	6.1	7.2	3.7	2.0	3.9	0.8
	1FB	2.3	3.6	5.7	5.4	5.5	4.4	5.7	6.1	4.6	2.9	3.6	1.2
	1FC	2.6	3.7	5.9	5.7	5.7	4.3	5.3	6.5	4.8	3.2	4.2	1.4
	1FD	2.5	3.3	5.4	5.4	4.9	3.7	5.3	6.5	4.3	3.1	4.5	1.4
	1FE	3.1	4.9	7.3	7.7	7.6	4.1	3.9	5.3	6.8	4.0	4.9	1.4
	1FF	3.1	4.7	8.1	7.4	7.5	4.0	2.8	3.8	7.2	4.0	5.8	1.3
	1FG	3.4	3.8	7.8	7.8	6.5	3.9	2.6	2.6	8.5	4.5	6.2	0.9
LVSCA	1GA	2.2	3.6	4.5	4.6	4.4	3.0	5.8	6.5	3.7	1.9	4.5	0.8
	1GB	3.3	4.1	6.2	6.7	4.9	3.5	5.7	5.4	4.6	3.1	5.0	1.1
	1GC	1.8	3.7	4.6	5.2	3.8	3.1	6.2	5.9	4.1	2.1	4.1	0.7
	1GD	3.7	5.2	5.8	6.5	5.2	3.4	5.8	3.7	4.3	3.1	5.7	1.0
	1GE	3.7	6.2	6.6	7.1	5.7	3.1	6.2	3.6	4.3	4.3	5.7	1.2
	1GF	3.8	6.1	7.7	6.8	6.2	3.3	4.9	3.1	4.3	4.1	5.6	1.4
	1GG	2.4	4.4	4.4	5.4	4.3	3.2	6.1	5.6	3.9	1.9	4.8	0.8
	1HA1	3.2	4.5	7.7	5.9	6.6	3.8	3.7	4.0	4.8	3.3	5.6	1.4
	1HA2	3.5	4.5	7.3	5.9	6.0	3.4	4.5	3.4	4.3	3.3	5.5	1.2
	1HB1	3.2	3.9	7.9	7.2	6.7	3.7	2.2	2.6	7.5	3.9	6.3	1.0
	1HB2	3.0	4.6	8.4	6.0	6.9	3.8	2.4	2.8	5.2	3.2	5.9	1.4
	1HC	3.1	3.5	7.4	6.6	6.6	3.7	1.9	2.7	7.3	3.7	6.1	1.0
	1HD	3.9	6.2	6.4	6.3	7.1	4.0	3.7	4.2	6.0	4.1	6.0	2.2
	1HE	3.6	5.7	5.5	5.7	7.9	4.1	2.8	4.7	6.9	4.1	6.0	2.6
	1HF	2.3	3.9	4.3	3.7	8.0	2.7	1.3	4.1	5.8	3.2	4.8	2.0
	1HG	2.3	3.8	4.5	3.8	7.1	2.4	1.1	3.4	5.4	3.3	4.4	1.8
	1JA	3.0	6.3	6.8	7.4	4.6	3.4	6.6	5.4	4.4	3.4	4.7	1.6
	1JB	3.9	8.7	8.3	9.0	5.7	3.1	7.0	5.0	4.8	4.9	5.7	2.1
	1JC	3.0	7.1	6.6	8.0	5.3	3.1	7.1	5.2	4.7	4.4	5.4	1.5
	1JD	3.8	8.4	8.5	9.0	6.1	3.1	6.8	4.5	4.9	5.1	5.8	1.7
	1JE	5.7	8.4	7.0	7.3	5.7	3.4	5.3	5.1	6.6	3.8	4.7	3.3
	1JF	4.2	7.4	7.3	7.7	5.4	3.5	5.9	5.2	5.3	3.8	4.9	2.1
	1JG1	4.2	7.5	7.7	7.9	6.4	3.5	5.5	4.3	5.3	4.7	5.7	1.9
	1JG2	3.9	6.2	7.3	6.5	6.8	3.9	3.8	3.4	5.2	3.8	5.9	1.9
	1KA	3.9	6.3	4.7	5.4	8.1	3.7	2.7	5.2	7.4	4.3	5.3	3.4
	1KB	3.8	6.1	4.6	4.7	6.9	2.6	2.5	4.2	5.9	3.7	4.1	3.2
	1KC	5.3	7.6	5.6	4.8	5.9	2.3	3.5	3.9	6.1	3.2	3.0	4.1
	1LA1	3.9	6.6	6.7	6.9	4.4	3.3	6.1	5.5	4.8	3.3	4.0	2.4
	1LA2	5.3	7.4	6.2	5.0	5.0	2.6	4.4	3.4	5.6	2.0	2.7	3.5
	1LA3	4.2	6.3	5.8	4.4	3.5	2.5	3.5	2.8	3.7	1.5	2.6	2.9
	1LB1	3.9	6.0	6.2	5.6	3.5	3.2	5.3	4.7	3.9	2.6	3.6	2.3
	1LB2	4.9	6.9	6.0	4.7	3.6	2.7	4.3	3.0	4.3	1.7	2.5	3.2

Monthly Rainfall by Sub-basin

Year 1996 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.8	0.9	0.8	0.4	0.5	1.8	0.7	0.2	0.0	0.1	0.6	0.0
	2AB	0.9	1.1	0.7	0.4	0.4	1.8	1.0	0.2	0.0	0.0	0.3	0.0
	2BA	1.1	1.3	2.8	3.6	3.6	4.9	4.1	5.4	4.4	2.4	3.8	0.2
	2BB	0.7	0.9	2.3	2.3	2.6	4.6	3.9	4.3	3.2	1.8	3.5	0.1
	2BC	0.9	1.1	2.6	3.3	3.2	3.6	3.1	5.0	3.8	2.1	3.1	0.1
	2BD	1.3	1.4	1.3	0.7	1.0	2.4	1.6	1.4	0.8	0.2	1.1	0.0
	2CA	1.3	1.4	1.2	0.6	0.8	2.0	1.3	0.8	0.4	0.0	0.7	0.0
	2CB	1.4	3.2	4.3	2.6	2.4	6.1	8.0	6.7	2.5	0.8	3.2	0.1
	2CC	0.9	1.2	2.1	1.4	1.5	4.2	3.0	3.1	1.5	0.8	2.4	0.0
	2D	0.9	0.8	2.6	1.3	1.5	5.6	3.2	4.7	0.8	0.8	2.6	0.1
	2EA	0.7	0.9	2.1	1.3	2.3	4.3	6.0	4.2	2.3	1.4	2.9	0.3
	2EB	0.7	1.0	1.8	1.2	2.2	5.1	6.1	4.9	1.8	1.2	2.6	0.4
	2EC	0.7	1.2	3.4	1.5	2.5	3.2	5.8	4.2	2.9	1.4	3.1	0.2
	2ED	1.1	2.1	3.9	2.5	3.2	3.1	6.5	7.4	3.3	1.1	3.5	0.3
	2EE	1.3	2.1	2.9	2.0	2.1	5.4	7.5	6.0	2.2	1.0	3.9	0.4
	2EF	1.1	1.5	3.4	1.7	2.5	3.7	6.3	5.8	3.0	1.1	3.6	0.3
	2EG1	0.8	1.5	4.5	2.0	2.7	3.2	6.0	5.7	3.4	1.2	3.1	0.2
	2EG2	1.0	1.5	2.6	1.5	2.2	4.4	6.6	5.2	2.3	1.1	3.4	0.3
	2EH	1.2	3.2	2.4	2.2	2.3	4.9	8.3	7.4	1.9	1.1	2.8	0.2
	2EJ	0.3	1.1	1.7	1.0	2.3	5.1	4.9	4.8	0.7	0.7	1.7	0.2
	2EK	0.5	1.3	1.3	1.2	2.3	5.4	5.9	5.2	1.1	0.9	2.1	0.3
	2FA	0.6	1.7	1.7	2.1	2.6	4.5	4.5	3.8	2.7	1.9	2.9	0.3
	2FB	0.5	1.2	2.6	1.7	2.6	2.6	5.7	3.8	2.9	1.8	3.0	0.2
	2FC	0.7	1.6	2.6	1.7	2.5	3.8	5.3	3.7	2.6	1.6	3.0	0.2
	2GA	0.6	1.8	1.8	2.1	2.5	4.6	4.0	3.8	2.8	1.9	2.7	0.4
	2GB	0.7	1.7	1.9	2.3	2.7	4.6	4.3	4.2	3.0	2.0	2.9	0.4
	2GC	1.4	3.0	2.5	3.1	3.6	4.6	3.5	3.9	3.3	2.4	4.1	0.8
	2GD	1.2	2.7	2.2	2.4	2.9	4.9	3.6	3.2	2.4	1.8	3.2	0.7
	2H-1	1.1	2.3	3.6	3.3	2.6	2.9	1.6	1.4	1.0	0.5	4.9	0.5
	2H-2	0.6	1.7	3.9	3.4	2.4	1.9	0.5	0.7	0.6	0.0	5.9	0.3
	2H-3	0.4	1.5	3.6	3.5	2.0	0.8	0.2	0.4	0.5	0.0	5.4	0.0
	2J	1.2	1.4	0.9	0.5	0.6	1.9	1.2	0.5	0.2	0.0	0.4	0.0
	2KA	2.7	4.3	4.6	3.3	1.9	4.0	3.9	2.9	2.0	1.2	2.5	1.5
	2KB	1.8	3.4	4.3	3.2	1.9	3.0	2.2	1.7	1.2	0.5	3.3	1.0
	2KC	1.4	2.9	4.5	3.5	2.1	2.2	1.6	1.2	1.1	0.1	3.9	0.8
ACA	3AA	0.5	1.6	3.9	3.3	2.6	2.1	0.4	0.7	0.6	0.0	6.3	0.3
	3AB	0.5	1.6	3.8	3.4	2.0	0.9	0.1	0.4	0.5	0.0	6.1	0.2
	3AC	0.6	1.7	4.4	2.2	2.2	1.5	0.3	0.3	0.2	0.0	8.9	0.8
	3BA	0.7	1.9	4.2	3.1	3.2	2.7	0.8	0.9	0.5	0.2	8.0	0.8
	3BB	0.9	2.1	4.1	3.1	3.9	3.5	1.2	1.0	0.5	0.4	8.9	1.1
	3BC	1.3	2.6	4.0	3.8	4.6	3.9	1.8	1.5	0.8	0.8	8.9	1.2
	3BD	1.2	2.5	4.1	3.4	4.3	3.8	1.6	1.4	0.7	0.8	9.1	1.3
	3CB	1.2	2.6	4.5	3.1	3.8	3.0	1.3	1.1	0.6	0.7	9.8	1.4
	3DA	0.8	1.4	5.2	1.6	2.0	0.7	0.2	0.1	0.0	0.0	10.0	0.9
	3DB	1.1	0.9	5.0	2.1	2.2	0.3	0.1	0.1	0.3	0.0	9.8	0.5
	3EA	0.9	1.6	3.9	2.3	2.0	0.5	0.1	0.1	0.0	0.0	8.9	0.6
	3EB	1.4	1.2	4.0	2.5	2.1	0.4	0.1	0.1	0.0	0.0	8.9	0.5
	3EC	1.4	1.2	3.3	2.9	2.0	0.3	0.1	0.1	0.0	0.0	7.7	0.2
	3ED	1.5	1.0	4.5	2.7	2.0	0.2	0.1	0.1	0.7	0.0	8.2	0.2
	3FA	0.6	1.4	3.3	2.6	1.4	0.3	0.0	0.1	0.3	0.0	6.1	0.1
	3FB	0.4	1.9	3.6	1.7	1.2	0.0	0.0	0.0	0.6	0.0	6.6	0.5
	3G	0.7	1.8	3.2	1.7	2.2	0.0	0.2	0.1	0.3	0.1	5.7	0.6
	3HA	0.0	0.4	3.0	2.2	2.0	0.0	0.1	0.2	0.4	0.1	6.3	1.4
	3HB	0.0	0.4	2.8	2.3	3.8	0.1	0.6	0.3	0.3	0.5	3.9	0.9
	3HC	0.0	0.2	2.9	3.3	5.1	0.3	1.3	0.6	0.4	0.8	2.7	0.3
	3HD1	0.0	0.2	2.1	3.6	5.3	0.4	1.7	0.6	0.4	1.0	2.7	0.5
	3HD2	0.0	0.2	2.9	3.9	6.2	0.5	1.5	0.6	0.5	0.7	2.9	0.2
	3J	1.0	2.0	4.2	2.3	3.7	0.0	0.2	0.2	0.4	0.1	4.8	0.4
	3K	0.2	0.3	3.1	3.9	12.8	0.4	1.4	0.7	0.2	0.4	4.6	0.2
	3LA	0.1	0.5	2.9	2.3	5.5	0.1	0.7	0.3	0.3	0.5	3.7	0.8
	3LB	0.0	0.3	2.1	3.6	7.5	0.5	1.7	0.6	0.4	1.0	2.3	0.4
	3MA-1	0.1	1.0	3.8	2.6	3.6	0.1	0.2	0.3	0.5	0.2	5.5	0.6
	3MA-2	0.1	0.7	3.3	2.6	7.3	0.3	0.8	0.4	0.2	0.4	4.4	0.4
	3MB	0.2	0.3	3.1	3.4	12.8	0.3	1.3	0.6	0.2	0.6	3.7	0.2
	3MC	0.2	0.2	3.0	4.0	13.0	0.4	1.4	0.7	0.2	0.5	4.3	0.1
	3MD1	0.2	0.3	3.4	3.9	16.0	0.3	2.0	0.5	0.3	0.7	3.9	0.2
	3MD2	0.2	0.3	3.2	4.2	14.2	0.3	1.5	0.7	0.3	0.4	5.5	0.2
	3N	0.5	1.5	2.7	2.2	1.4	0.3	0.1	0.1	0.2	0.0	5.4	0.1

Monthly Rainfall by Sub-basin

Year 1996 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.4	0.6	3.2	2.6	5.7	1.9	0.9	1.1	0.5	1.1	4.8	1.1
	4AB	1.4	1.5	2.7	2.6	4.8	2.6	1.5	1.9	1.4	1.4	4.0	1.4
	4AC	1.7	2.2	2.9	3.2	5.3	2.8	1.7	2.0	1.6	1.7	4.6	1.5
	4AD	2.0	2.7	3.1	3.9	5.8	2.9	1.9	2.4	1.8	2.0	5.4	1.4
	4BA	1.7	0.9	3.5	3.8	6.0	1.6	0.9	0.8	0.4	0.9	5.1	0.9
	4BB	1.5	0.5	3.5	3.0	6.3	1.6	0.7	0.6	0.2	0.9	5.0	0.8
	4BC	1.6	0.3	4.1	3.5	5.5	1.4	0.6	0.4	0.1	0.6	5.5	0.5
	4BD	2.3	2.6	3.7	4.9	6.1	2.3	1.7	2.1	1.4	1.8	6.4	1.2
	4BE	2.2	2.3	4.5	4.8	5.6	2.1	1.4	1.5	0.8	1.3	7.8	1.2
	4BF	1.4	1.4	5.0	3.2	3.5	1.4	0.7	0.4	0.1	0.3	8.6	1.0
	4BG	1.3	0.7	5.8	2.6	2.3	0.7	0.3	0.1	0.0	0.1	7.8	0.6
	4CA	2.2	3.9	3.8	4.9	5.8	4.0	2.6	2.9	1.9	2.1	8.2	1.5
	4CB	2.2	3.5	4.2	5.0	5.9	3.3	2.1	2.1	1.2	1.6	9.5	1.6
	4CC	1.0	1.3	5.4	2.0	2.1	1.0	0.4	0.2	0.0	0.1	9.2	0.9
	4DA	1.6	0.3	4.9	3.3	4.9	1.2	0.5	0.4	0.1	0.5	6.6	0.4
	4DB	1.9	0.4	5.4	3.2	5.4	1.6	0.8	0.5	0.1	0.8	7.9	0.4
	4DC	2.1	0.5	5.7	3.3	5.8	1.7	0.9	0.6	0.1	1.0	8.8	0.4
	4DD	1.6	0.4	4.8	3.2	3.1	0.7	0.4	0.2	0.0	0.2	7.5	0.2
	4DE	1.1	0.5	4.8	2.4	1.7	0.3	0.1	0.0	0.0	0.0	7.7	0.3
	4EA	3.1	0.4	5.9	2.7	5.6	2.0	0.8	0.6	0.0	2.3	12.3	0.7
	4EB	2.9	0.5	6.7	3.0	5.9	1.7	0.9	0.7	0.0	1.6	12.0	0.7
	4EC	2.3	0.4	6.1	3.1	4.3	1.0	0.7	0.5	0.0	0.7	10.2	0.4
	4ED	1.4	0.3	5.3	2.2	1.7	0.3	0.2	0.1	0.0	0.1	9.5	0.2
	4FA	3.1	0.5	5.1	2.5	4.8	1.8	0.6	0.4	0.0	2.2	11.8	0.7
	4FB	3.1	0.4	5.5	2.7	3.8	1.0	0.3	0.2	0.0	1.5	11.4	0.4
	4GA	2.3	0.3	4.8	2.5	3.7	0.8	0.1	0.1	0.0	1.1	9.8	0.3
	4GB	1.8	0.1	4.3	1.9	2.4	0.4	0.1	0.0	0.0	0.5	8.3	0.1
	4GC	0.4	0.2	2.2	1.0	1.1	0.1	0.1	0.0	0.0	0.1	4.3	0.1
	4GD	0.7	0.2	2.7	1.1	1.5	0.2	0.2	0.1	0.2	0.1	5.4	0.1
	4GE	0.7	0.3	3.8	1.3	1.6	0.2	0.2	0.1	1.2	0.1	6.9	0.1
	4GF	0.4	0.4	3.2	1.7	2.6	0.4	0.5	0.2	1.7	0.1	5.6	0.0
	4GG	0.2	0.3	2.2	3.3	5.7	1.1	1.5	0.5	0.3	0.3	3.2	0.1
	4HA	0.5	1.1	5.0	1.6	1.5	0.1	0.0	0.0	2.1	0.0	7.9	0.2
	4HB	0.2	0.8	3.5	1.8	2.3	0.3	0.5	0.2	2.3	0.1	5.1	0.1
	4HC	0.1	0.6	3.0	2.2	2.5	0.1	0.4	0.3	0.6	0.3	4.8	0.9
	4JA	0.3	0.2	1.2	1.3	2.2	0.5	0.3	0.1	0.1	0.2	3.7	0.1
	4JB	0.2	0.3	0.9	2.4	5.1	1.5	1.1	0.3	0.3	0.3	3.5	0.1
	4KA	0.2	0.3	1.0	2.1	4.2	1.1	0.9	0.2	0.3	0.3	3.5	0.1
	4KB	0.3	0.3	1.2	2.3	4.7	1.1	1.0	0.3	0.3	0.2	3.7	0.1
ENNCA	5AA	0.4	0.7	1.4	1.1	2.3	5.6	5.1	4.6	1.4	1.0	1.7	0.3
	5AB	0.3	0.7	1.4	1.1	2.0	5.3	4.6	4.2	1.2	0.9	1.6	0.2
	5AC	0.2	0.6	1.8	0.9	2.2	7.0	4.3	3.2	0.3	0.3	1.7	0.2
	5AD	0.2	0.4	1.7	0.9	1.6	5.6	3.7	3.2	0.5	0.4	1.6	0.2
	5BA	1.0	0.9	2.1	2.0	3.6	2.5	1.6	2.3	1.2	1.1	3.2	1.2
	5BB	0.9	1.0	1.9	1.7	2.7	3.0	2.2	2.9	1.5	1.2	2.7	1.0
	5BC-1	0.6	0.5	1.8	1.6	2.2	3.2	2.3	3.1	1.0	1.0	2.6	0.9
	5BC-2	0.3	0.3	1.9	1.2	1.3	5.2	3.1	3.2	0.6	0.5	1.9	0.4
	5BD	0.3	0.5	1.4	1.1	1.5	4.4	3.7	3.8	0.9	0.7	1.6	0.4
	5BE	0.8	0.6	2.5	1.5	2.3	3.7	1.8	2.6	0.7	1.8	4.5	0.7
	5CA	0.4	0.3	2.8	0.7	1.9	6.7	3.2	4.1	0.2	0.2	1.8	0.1
	5CB	0.8	0.3	3.2	0.9	1.4	6.8	2.2	3.4	0.1	0.3	2.5	0.1
	5CC	1.0	0.1	3.0	1.1	1.2	6.6	1.6	4.0	0.2	0.5	2.7	0.0
	5DA	1.6	1.5	3.4	1.5	2.7	3.1	0.9	0.5	0.1	2.4	7.7	0.9
	5DB	0.8	1.1	3.1	1.2	1.4	4.4	1.8	1.8	0.4	1.6	4.7	0.7
	5DC	0.3	0.3	3.4	0.7	1.5	7.1	3.6	2.6	0.2	0.2	2.1	0.1
	5DD	0.6	0.8	3.3	0.9	1.5	6.2	2.6	2.5	0.1	0.5	2.9	0.3
	5EA	0.7	0.1	1.4	2.2	1.5	0.3	0.1	0.0	0.0	0.1	2.5	0.1
	5EB	0.6	0.1	1.7	2.2	1.7	0.6	0.2	0.0	0.1	0.2	2.3	0.1
	5EC	0.7	0.3	2.1	2.0	1.2	2.4	0.4	0.7	0.1	0.3	3.0	0.1
	5ED	1.5	0.6	2.9	2.3	2.5	1.1	0.2	0.1	0.0	0.9	6.6	0.4
	5FA	0.8	0.1	2.1	1.7	1.8	0.3	0.1	0.0	0.0	0.2	4.7	0.1
	5FB	0.5	0.1	1.3	1.6	1.3	0.2	0.0	0.0	0.0	0.0	3.1	0.0
	5G	0.5	0.2	1.6	2.2	1.7	0.2	0.1	0.0	0.1	0.2	1.9	0.1
	5HA	0.2	0.3	1.2	1.7	1.2	0.1	0.1	0.0	0.0	0.1	1.1	0.2
	5HB	0.2	0.2	1.5	2.0	1.6	0.1	0.1	0.0	0.1	0.2	1.5	0.2
	5J	0.4	0.2	1.4	1.2	1.0	2.1	0.4	0.4	0.1	0.2	1.5	0.0

Monthly Rainfall by Sub-basin

Year 1997 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.8	0.1	3.3	9.4	4.3	4.0	3.4	3.9	1.6	8.9	7.8	5.2
	1AB	0.8	0.0	3.3	9.2	4.0	3.9	3.6	3.9	1.1	7.5	6.8	4.0
	1AC	1.1	0.0	3.5	10.0	4.5	4.3	3.8	4.4	1.3	8.3	7.4	4.3
	1AD	1.2	0.1	3.7	10.8	4.7	4.8	3.6	4.8	2.1	10.3	8.5	6.3
	1AE	0.8	0.2	3.2	10.3	4.4	4.6	3.2	4.4	2.6	11.8	9.4	7.8
	1AF	1.1	0.1	3.7	10.6	4.8	4.7	3.6	4.7	2.0	9.8	8.5	6.5
	1AG	1.2	0.1	3.7	10.4	4.8	4.8	3.4	4.8	1.8	9.2	8.5	6.9
	1AH	1.1	0.1	3.2	9.8	4.1	4.8	3.0	4.1	2.2	10.3	9.5	8.0
	1BA	0.4	0.0	2.1	10.1	1.0	4.5	5.8	3.7	0.2	6.8	7.8	3.6
	1BB	0.7	0.0	3.0	9.7	1.3	4.3	5.6	4.1	0.2	6.4	6.0	2.7
	1BC	0.8	0.0	3.5	9.5	1.7	4.1	5.0	4.2	0.1	5.5	4.5	2.7
	1BD	0.4	0.0	2.4	8.8	1.9	4.2	4.3	3.4	0.2	5.9	6.1	2.6
	1BE	0.6	0.0	3.3	8.6	2.5	3.9	4.0	3.9	0.1	5.2	4.5	2.5
	1BG	0.6	0.0	3.0	8.4	2.9	3.9	3.3	3.7	0.2	5.4	4.9	2.3
	1BH	0.7	0.0	2.9	8.5	3.2	3.9	3.2	3.6	0.4	5.9	5.5	2.5
	1CA	0.4	0.0	1.9	9.9	1.1	4.8	4.9	3.2	0.1	6.2	7.1	3.5
	1CB	0.5	0.0	2.0	10.4	1.1	5.1	4.8	3.3	0.1	6.3	7.1	3.5
	1CC	0.8	0.0	2.4	11.8	1.1	5.2	4.9	3.4	0.2	6.6	8.0	4.0
	1CD	1.2	0.0	2.7	10.6	2.2	5.3	4.3	4.0	0.3	6.4	6.4	2.5
	1CE	0.8	0.0	2.8	8.7	3.0	4.4	2.9	3.5	0.3	6.1	5.4	1.7
	1DA	1.4	0.0	3.5	10.5	3.9	5.2	3.2	4.9	0.6	7.1	5.8	2.7
	1DB	0.9	0.0	3.3	9.3	3.9	4.2	3.5	4.1	0.8	6.9	6.3	3.3
	1DC	1.4	0.0	3.7	10.5	4.6	4.9	3.6	5.0	1.1	7.6	6.9	4.5
	1DD	1.4	0.0	3.9	10.6	4.9	4.8	3.6	5.1	1.4	8.3	7.6	5.7
	1EA	1.9	0.0	3.6	11.7	4.0	6.1	3.4	5.9	0.4	6.8	5.9	3.8
	1EB	1.7	0.0	3.7	11.1	4.8	5.8	3.0	6.2	0.6	6.7	5.7	5.5
	1EC	1.9	0.0	3.8	11.8	4.5	6.1	3.4	6.2	0.7	7.3	5.9	3.8
	1ED	1.6	0.0	3.8	10.8	4.8	5.5	3.0	5.4	1.2	7.6	7.5	6.4
	1EE	1.4	0.0	3.4	9.7	4.2	5.2	2.7	4.3	1.6	8.2	9.2	7.9
	1EF	1.4	0.1	3.2	9.2	3.8	4.9	2.8	3.8	1.7	8.6	9.5	8.2
	1EG	1.7	0.0	3.4	9.4	4.1	5.3	2.3	4.3	1.0	6.6	8.3	8.5
	1FA	1.1	0.0	2.7	12.8	1.4	5.0	4.7	3.4	0.3	6.6	8.5	4.3
	1FB	1.7	0.0	3.2	12.0	2.6	5.5	4.6	4.5	0.4	6.8	7.7	3.8
	1FC	1.9	0.0	3.4	12.4	2.7	5.4	4.6	4.3	0.4	7.0	8.4	4.6
	1FD	1.8	0.0	3.5	12.8	2.4	4.7	4.8	3.6	0.5	6.8	9.2	5.1
	1FE	2.0	0.0	3.6	10.8	4.3	5.4	3.1	5.1	0.5	6.2	6.8	7.2
	1FF	1.9	0.0	3.4	9.0	4.6	4.5	2.2	4.2	0.5	5.6	6.5	10.1
	1FG	1.8	0.0	3.0	7.9	3.3	4.7	2.4	3.3	0.9	6.4	9.0	9.5
LVSCA	1GA	1.3	0.0	2.8	10.8	2.1	3.9	4.2	3.1	0.5	5.2	8.1	4.4
	1GB	1.8	0.0	3.4	10.6	3.0	4.0	4.0	3.2	0.7	5.8	9.5	6.9
	1GC	1.0	0.0	1.8	7.7	2.0	3.4	4.3	3.0	0.5	4.0	7.8	4.2
	1GD	1.6	0.0	2.6	7.9	3.5	2.7	3.2	2.7	0.6	4.5	8.9	7.4
	1GE	1.6	0.1	2.1	7.9	3.4	2.6	3.3	2.8	0.7	4.6	9.4	7.9
	1GF	1.8	0.1	2.1	7.5	4.3	2.2	2.7	3.2	0.6	4.3	8.2	10.0
	1GG	1.3	0.0	2.3	8.0	2.3	3.3	4.0	2.8	0.5	4.4	8.0	4.1
	1HA1	2.0	0.0	3.1	8.6	4.4	3.3	2.4	3.3	0.5	5.0	7.2	11.2
	1HA2	1.9	0.1	2.8	8.1	4.2	2.7	2.4	2.7	0.6	4.5	7.9	11.1
	1HB1	2.0	0.0	3.0	7.6	3.7	4.1	2.1	3.0	0.6	5.6	8.0	10.6
	1HB2	2.0	0.0	3.3	7.7	4.7	3.3	1.8	3.1	0.4	4.8	6.3	12.8
	1HC	2.1	0.1	2.5	7.4	3.3	3.9	2.2	2.6	0.6	6.1	8.5	9.6
	1HD	2.4	0.2	2.5	7.9	5.3	2.6	2.8	4.8	0.8	4.8	7.7	10.5
	1HE	2.8	0.3	2.5	8.4	5.5	2.6	2.6	5.0	0.7	5.6	7.3	10.3
	1HF	2.5	0.4	1.5	8.4	4.2	1.8	2.0	2.9	0.3	6.8	6.2	8.5
	1HG	2.3	0.3	1.8	8.3	3.5	2.0	2.0	2.8	0.3	6.2	6.7	8.9
	1JA	1.6	0.0	1.9	8.3	2.7	3.7	5.1	3.5	1.6	4.6	8.9	5.1
	1JB	1.8	0.1	2.1	8.3	3.1	3.5	5.2	3.5	2.0	5.4	10.3	6.0
	1JC	1.4	0.0	2.1	8.5	2.6	3.7	4.9	3.2	1.0	5.2	10.1	5.6
	1JD	1.6	0.1	2.1	8.5	3.5	3.3	4.5	3.6	1.0	5.3	10.4	7.1
	1JE	2.7	0.4	2.1	8.7	5.7	3.1	4.2	5.3	3.1	4.0	9.6	8.5
	1JF	1.9	0.2	2.1	8.4	4.2	3.5	4.9	4.6	2.2	4.8	9.2	6.8
	1JG1	1.8	0.2	2.1	8.1	4.5	2.9	3.8	4.6	1.0	4.8	9.2	8.6
	1JG2	2.2	0.2	2.6	7.5	5.2	2.4	2.5	4.3	0.7	4.3	7.4	11.3
	1KA	3.0	0.5	2.3	9.1	5.7	2.4	2.4	5.5	0.7	5.1	7.7	10.4
	1KB	2.6	0.6	2.0	8.9	4.8	2.0	2.0	4.2	0.7	4.4	7.7	10.7
	1KC	2.7	0.8	1.8	9.1	5.5	2.1	1.6	4.4	1.1	2.5	8.5	11.4
	1LA1	2.2	0.2	1.8	9.1	3.6	3.6	5.1	4.0	3.1	4.1	8.8	6.2
	1LA2	2.6	0.7	1.5	9.2	5.5	2.7	1.8	4.4	1.7	1.9	7.7	9.7
	1LA3	1.9	0.4	1.4	10.2	4.4	1.9	1.2	2.5	1.0	1.8	8.6	7.9
	1LB1	2.1	0.2	1.6	9.0	4.0	3.0	4.2	3.5	2.7	3.1	8.3	6.1
	1LB2	2.1	0.4	1.3	9.6	4.8	2.3	1.6	2.7	1.5	1.5	8.3	7.8

Monthly Rainfall by Sub-basin

Year 1997 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.3	4.0	0.1	0.2	0.5	0.3	0.0	1.1	4.6	1.2
	2AB	0.0	0.0	0.2	3.8	0.2	0.3	0.6	0.4	0.0	0.8	3.7	0.7
	2BA	0.7	0.0	3.3	9.5	1.3	3.9	5.1	3.6	0.1	5.5	4.7	2.4
	2BB	0.4	0.0	2.0	8.5	1.3	3.2	4.0	3.2	0.1	5.1	5.3	2.2
	2BC	0.4	0.0	2.4	8.1	1.5	3.2	3.7	2.7	0.1	4.7	4.6	2.0
	2BD	0.0	0.0	0.3	5.8	0.8	1.0	0.9	1.4	0.0	2.1	4.5	1.2
	2CA	0.0	0.0	0.2	5.2	0.6	0.6	0.7	0.7	0.0	1.5	4.7	0.9
	2CB	0.2	0.0	1.7	11.8	1.2	5.1	6.2	3.7	0.2	5.7	9.3	4.5
	2CC	0.2	0.0	1.0	7.3	1.0	1.9	2.4	1.9	0.1	3.4	5.9	2.1
	2D	0.1	0.0	0.9	7.0	0.7	1.9	3.0	2.3	0.1	3.5	7.0	2.1
	2EA	0.2	0.0	0.8	8.9	2.6	3.0	4.0	3.1	0.5	4.5	6.3	2.8
	2EB	0.2	0.0	1.0	9.7	2.5	3.3	4.3	3.2	0.3	4.1	6.6	2.8
	2EC	0.4	0.0	0.8	8.3	2.2	3.0	4.1	3.4	0.5	4.4	6.4	3.2
	2ED	0.4	0.0	1.4	10.2	1.2	4.1	4.3	3.3	0.4	4.0	7.1	3.8
	2EE	0.3	0.0	1.3	12.3	1.1	4.8	5.9	3.6	0.2	4.2	8.3	3.7
	2EF	0.4	0.0	1.0	9.7	1.4	3.8	4.5	3.3	0.3	3.6	6.7	3.5
	2EG1	0.6	0.0	1.2	8.6	1.9	3.7	4.7	3.5	0.4	3.7	6.6	3.8
	2EG2	0.3	0.0	1.0	10.3	1.5	3.8	5.0	3.5	0.3	3.9	7.1	3.1
	2EH	0.1	0.0	1.4	12.1	1.4	5.0	6.9	4.0	0.2	4.2	9.4	3.7
	2EJ	0.1	0.0	0.7	8.7	0.9	2.7	3.6	2.8	0.2	3.7	6.4	1.6
	2EK	0.1	0.0	0.9	10.3	1.5	3.3	4.3	3.1	0.2	3.7	6.6	2.2
	2FA	0.4	0.0	0.6	7.9	1.6	2.0	2.2	2.8	0.9	3.8	6.4	3.0
	2FB	0.3	0.0	0.7	7.8	2.2	2.6	3.6	3.2	0.8	4.9	6.6	2.8
	2FC	0.5	0.0	0.7	7.7	1.7	2.4	3.2	3.3	0.9	3.9	6.5	3.0
	2GA	0.4	0.0	0.8	8.2	1.4	2.0	1.9	2.5	0.6	3.9	6.2	3.2
	2GB	0.3	0.0	0.9	8.8	1.9	2.4	2.2	2.7	0.7	4.4	6.6	3.5
	2GC	0.6	0.0	1.6	10.7	2.6	2.8	2.1	3.0	0.8	6.8	8.1	4.7
	2GD	0.6	0.0	1.2	9.0	2.1	1.9	1.7	2.5	0.7	4.9	7.2	4.0
	2H-1	0.6	0.0	1.1	10.9	3.4	1.0	0.6	1.4	0.2	4.6	9.6	5.6
	2H-2	0.2	0.0	0.7	11.9	3.2	0.4	0.2	1.1	0.0	4.9	9.7	6.0
	2H-3	0.2	0.0	0.7	9.6	2.7	0.3	0.1	1.0	0.0	4.5	8.9	5.8
	2J	0.0	0.0	0.2	4.4	0.4	0.5	0.6	0.7	0.0	1.2	3.9	0.9
	2KA	1.4	0.1	1.4	9.0	3.4	1.8	2.1	2.1	1.2	2.2	8.1	4.8
	2KB	1.0	0.1	1.3	10.7	3.5	0.8	0.6	1.3	0.2	2.6	9.7	5.8
	2KC	0.8	0.1	1.1	11.0	3.6	0.8	0.2	1.3	0.1	3.2	9.6	5.8
ACA	3AA	0.1	0.0	0.6	13.2	3.2	0.4	0.2	0.9	0.0	5.4	10.5	6.1
	3AB	0.1	0.0	0.7	9.6	2.5	0.1	0.1	0.9	0.0	4.7	8.9	5.9
	3AC	0.1	0.0	1.1	11.5	2.8	0.3	0.2	0.8	0.0	5.2	12.5	6.9
	3BA	0.1	0.0	0.9	14.2	3.6	0.9	0.5	1.0	0.1	6.5	12.6	6.7
	3BB	0.2	0.0	1.5	15.6	3.7	1.5	0.8	1.1	0.1	7.4	12.9	7.1
	3BC	0.4	0.0	1.7	15.6	4.3	2.0	1.2	1.5	0.2	8.4	13.0	7.3
	3BD	0.3	0.0	1.8	15.7	3.9	2.0	1.1	1.5	0.2	8.3	12.8	7.2
	3CB	0.3	0.0	1.9	15.7	3.9	1.7	1.0	1.6	0.2	8.2	13.4	7.4
	3DA	0.1	0.0	1.2	11.2	3.1	0.2	0.1	0.5	0.0	4.9	14.3	7.6
	3DB	0.2	0.0	0.7	9.1	2.1	0.1	0.1	0.1	0.0	4.4	13.2	8.1
	3EA	0.2	0.0	1.0	8.6	2.1	0.1	0.1	0.2	0.0	3.8	12.1	7.1
	3EB	0.2	0.0	0.7	7.6	2.0	0.1	0.1	0.1	0.0	4.1	12.5	6.8
	3EC	0.2	0.0	0.7	6.4	1.6	0.1	0.1	0.1	0.0	4.2	11.5	6.3
	3ED	0.3	0.0	0.5	7.6	1.7	0.1	0.1	0.0	0.0	4.4	12.3	7.6
	3FA	0.1	0.0	0.7	6.1	1.5	0.1	0.0	0.3	0.0	3.1	9.7	7.0
	3FB	0.1	0.0	0.8	5.6	1.5	0.2	0.1	0.0	0.0	2.6	9.8	8.8
	3G	0.0	0.1	1.7	4.6	2.5	0.7	0.2	0.0	0.0	3.8	7.8	6.5
	3HA	0.0	0.0	2.0	4.9	2.5	0.5	0.4	0.1	0.1	8.1	8.7	8.5
	3HB	0.0	0.0	1.8	6.1	4.1	1.8	1.5	0.6	0.6	11.1	8.2	7.7
	3HC	0.1	0.0	1.5	7.3	5.8	4.5	3.2	0.9	1.3	13.5	7.0	7.5
	3HD1	0.0	0.0	1.1	8.7	8.9	5.3	4.2	1.1	1.7	17.3	8.2	6.3
	3HD2	0.1	0.0	1.5	7.5	6.5	5.2	3.8	0.9	1.5	14.1	7.3	7.4
	3J	0.0	0.1	2.4	5.3	3.6	1.1	0.3	0.0	0.1	5.5	9.1	6.0
	3K	0.0	0.0	0.6	8.3	6.7	3.2	1.0	1.6	0.6	18.5	10.4	6.3
	3LA	0.0	0.0	1.5	7.0	5.4	2.5	1.5	0.9	0.7	14.2	9.1	7.0
	3LB	0.0	0.0	0.9	9.1	9.7	5.5	4.3	1.3	1.8	18.9	8.7	5.9
	3MA-1	0.0	0.0	2.5	6.2	3.5	1.1	0.4	0.2	0.2	9.9	10.4	7.9
	3MA-2	0.0	0.0	1.1	7.2	4.8	2.1	0.6	0.9	0.4	14.5	10.3	6.7
	3MB	0.0	0.0	0.5	8.5	7.2	3.4	1.2	1.7	0.7	19.8	9.7	6.3
	3MC	0.0	0.0	0.5	8.5	7.2	3.3	1.0	1.7	0.7	19.9	10.3	6.5
	3MD1	0.0	0.0	0.5	9.7	9.4	5.0	2.3	2.4	1.1	23.8	10.0	5.8
	3MD2	0.0	0.0	0.3	9.3	9.1	4.0	1.4	2.1	0.9	24.7	10.2	7.0
	3N	0.1	0.0	0.8	5.3	1.6	0.2	0.0	0.4	0.0	2.4	6.8	5.5

Monthly Rainfall by Sub-basin

Year 1997 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.9	0.4	1.8	11.6	2.8	1.5	1.0	0.5	0.3	12.8	13.7	5.7
	4AB	0.9	0.5	1.8	10.6	3.3	2.1	1.5	1.2	0.5	10.9	11.3	5.3
	4AC	1.0	0.5	2.2	13.5	4.0	2.4	1.7	1.4	0.5	11.2	11.4	5.6
	4AD	1.0	0.4	2.4	14.3	4.5	2.9	1.9	1.8	0.6	11.6	12.0	6.2
	4BA	0.8	0.3	2.6	15.2	3.6	1.7	0.9	0.5	0.3	11.5	12.7	5.6
	4BB	0.8	0.3	2.1	13.1	2.7	1.3	0.7	0.4	0.2	12.6	14.1	5.5
	4BC	0.5	0.1	2.5	14.5	2.7	1.1	0.5	0.3	0.2	10.7	12.7	5.3
	4BD	0.9	0.2	2.8	16.2	5.0	2.9	1.8	1.6	0.6	11.4	12.5	6.6
	4BE	0.6	0.1	2.9	16.9	4.7	2.5	1.4	1.4	0.4	10.5	12.8	7.0
	4BF	0.2	0.0	2.5	15.8	3.3	1.1	0.5	1.0	0.2	7.9	12.6	6.6
	4BG	0.2	0.0	2.4	13.8	2.4	0.5	0.1	0.6	0.1	6.4	12.2	6.6
	4CA	0.8	0.0	2.5	16.0	5.3	3.5	2.3	2.5	0.6	10.4	12.7	7.4
	4CB	0.7	0.0	2.7	17.9	5.5	3.1	1.9	2.1	0.5	11.0	13.9	7.9
	4CC	0.1	0.0	1.9	13.6	3.0	0.4	0.2	0.8	0.1	6.3	13.8	7.1
	4DA	0.4	0.1	2.5	14.5	2.4	0.9	0.4	0.3	0.2	10.2	12.8	6.0
	4DB	0.3	0.0	2.8	16.1	2.8	0.9	0.4	0.3	0.1	12.8	14.6	6.7
	4DC	0.3	0.0	3.0	17.5	3.1	1.0	0.4	0.3	0.1	14.6	15.9	7.2
	4DD	0.1	0.0	2.0	14.7	1.8	0.4	0.2	0.2	0.1	10.0	13.4	7.6
	4DE	0.1	0.0	1.3	12.4	1.9	0.2	0.1	0.2	0.0	5.5	13.5	7.9
	4EA	0.3	0.0	3.4	20.6	3.9	0.8	0.2	0.2	0.1	18.9	22.9	11.4
	4EB	0.2	0.0	3.5	21.1	3.8	1.0	0.3	0.2	0.1	18.5	21.1	11.1
	4EC	0.1	0.0	2.6	18.0	2.7	0.7	0.3	0.2	0.1	13.7	17.6	9.7
	4ED	0.0	0.0	1.2	12.8	1.3	0.2	0.1	0.1	0.0	7.2	16.3	10.4
	4FA	0.2	0.0	3.0	19.5	3.6	0.5	0.1	0.1	0.1	17.4	23.4	10.8
	4FB	0.1	0.0	2.5	18.3	3.0	0.2	0.1	0.1	0.1	14.7	24.5	10.9
	4GA	0.1	0.0	2.5	14.8	2.2	0.1	0.1	0.0	0.0	11.1	26.2	10.2
	4GB	0.0	0.0	2.7	11.6	1.4	0.2	0.0	0.0	0.0	8.5	22.8	9.6
	4GC	0.1	0.0	3.4	4.9	0.3	0.6	0.0	0.0	0.1	5.1	15.1	7.1
	4GD	0.2	0.0	2.6	6.5	0.7	1.0	0.3	0.0	0.2	6.6	13.8	7.8
	4GE	0.3	0.0	1.5	8.7	1.0	0.9	0.3	0.0	0.2	6.1	13.6	9.3
	4GF	0.5	0.0	1.1	8.2	1.8	2.2	0.9	0.1	0.4	7.0	10.0	8.2
	4GG	0.2	0.0	1.4	6.0	4.4	6.6	3.0	0.5	1.1	13.8	7.7	7.6
	4HA	0.3	0.0	0.7	10.2	1.5	0.1	0.1	0.0	0.0	3.5	11.9	9.9
	4HB	0.4	0.0	0.9	8.6	1.9	1.8	0.9	0.2	0.4	6.5	9.0	9.0
	4HC	0.1	0.0	1.5	6.0	3.0	1.4	1.3	0.3	0.5	8.3	8.3	8.3
	4JA	0.2	0.0	2.5	3.7	2.6	4.9	0.5	0.1	0.3	6.2	10.8	8.2
	4JB	0.2	0.0	1.2	2.6	7.2	14.0	2.3	0.4	1.0	9.0	6.9	12.5
	4KA	0.2	0.0	1.6	3.0	5.7	11.0	1.7	0.3	0.8	8.4	7.5	11.0
	4KB	0.3	0.0	1.5	3.8	4.8	9.2	2.0	0.3	0.8	9.6	7.6	9.3
ENNCA	5AA	0.1	0.0	0.9	8.8	3.1	2.6	3.1	2.8	0.3	4.0	7.0	3.3
	5AB	0.0	0.0	0.8	8.5	2.8	2.4	2.7	2.7	0.4	3.8	7.8	3.8
	5AC	0.0	0.0	0.6	9.3	1.4	2.1	2.4	1.8	0.3	4.0	7.2	2.4
	5AD	0.0	0.0	0.7	7.8	2.0	2.0	2.3	2.1	0.4	3.9	8.1	3.5
	5BA	0.7	0.4	1.2	7.4	2.7	1.8	1.6	1.4	0.5	9.6	10.5	4.8
	5BB	0.5	0.3	1.2	7.6	2.8	2.0	1.9	2.0	0.6	7.6	9.2	4.7
	5BC-1	0.3	0.2	1.2	7.4	2.5	1.9	2.0	1.8	0.6	7.2	9.3	4.5
	5BC-2	0.0	0.0	0.8	7.1	1.7	2.0	2.2	1.8	0.6	4.6	7.6	3.1
	5BD	0.0	0.0	0.8	7.3	2.6	2.1	2.5	2.6	0.5	4.0	8.3	4.1
	5BE	0.2	0.0	1.7	8.5	2.1	1.6	1.5	1.3	0.5	8.9	11.4	5.5
	5CA	0.0	0.0	0.6	7.4	0.7	1.9	2.9	2.1	0.1	3.9	6.5	1.3
	5CB	0.0	0.0	0.7	6.8	0.6	1.3	2.2	1.5	0.1	3.6	7.1	1.9
	5CC	0.0	0.0	0.7	6.1	0.4	1.0	1.9	1.4	0.1	3.4	7.3	2.0
	5DA	0.2	0.0	2.5	13.5	2.5	0.6	0.3	0.4	0.1	11.4	16.3	7.7
	5DB	0.1	0.0	1.7	8.4	1.9	1.4	1.2	0.9	0.3	7.5	11.1	5.1
	5DC	0.0	0.0	0.6	7.3	1.3	2.1	2.2	1.3	0.3	4.0	7.6	2.2
	5DD	0.0	0.0	1.0	7.6	1.1	1.5	2.0	1.2	0.1	4.9	8.4	2.8
	5EA	0.0	0.0	2.0	5.7	0.4	0.2	0.1	0.0	0.1	11.4	13.2	4.2
	5EB	0.0	0.0	1.7	7.0	0.4	0.2	0.1	0.0	0.1	12.0	12.8	3.8
	5EC	0.0	0.0	1.4	8.5	0.4	0.3	0.4	0.3	0.1	9.5	13.5	4.3
	5ED	0.1	0.0	2.5	12.1	1.6	0.1	0.1	0.1	0.1	10.2	21.8	7.7
	5FA	0.1	0.0	2.8	6.7	0.7	0.5	0.0	0.0	0.1	7.0	18.7	7.1
	5FB	0.0	0.0	2.7	4.7	0.3	0.2	0.0	0.0	0.0	7.6	16.3	5.7
	5G	0.0	0.0	1.4	6.6	0.4	0.2	0.1	0.0	0.1	14.9	8.7	3.0
	5HA	0.0	0.0	0.9	6.3	0.3	0.1	0.1	0.0	0.1	17.5	5.1	2.6
	5HB	0.0	0.0	1.2	7.6	0.4	0.2	0.1	0.0	0.1	16.4	5.0	2.1
	5J	0.0	0.0	0.7	6.3	0.1	0.2	0.3	0.2	0.1	5.4	7.1	2.3

Monthly Rainfall by Sub-basin

Year 1998 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	6.3	3.2	1.7	8.0	6.0	5.4	5.0	4.8	4.7	7.9	3.8	0.6
	1AB	6.2	3.6	1.9	7.0	5.6	5.4	5.5	5.2	4.6	7.9	3.7	0.4
	1AC	6.1	3.4	1.5	7.8	6.3	6.5	6.0	5.5	4.7	8.4	3.4	0.3
	1AD	7.0	3.4	1.9	8.9	7.1	5.8	4.7	4.2	5.2	7.9	3.9	0.8
	1AE	7.1	3.0	2.1	9.3	7.3	4.5	2.8	2.8	5.3	6.8	4.2	0.9
	1AF	6.9	3.5	2.1	9.0	6.8	5.9	5.0	4.1	5.4	7.9	4.0	0.7
	1AG	7.1	3.3	2.3	9.3	6.7	5.6	4.8	3.9	5.7	7.7	4.2	0.8
	1AH	7.1	2.6	2.1	9.7	6.7	4.1	2.9	3.0	5.2	6.3	4.0	1.0
	1BA	8.3	2.2	1.1	4.3	5.7	3.5	5.2	3.0	2.1	4.6	2.6	0.3
	1BB	7.8	3.1	1.8	4.4	5.9	3.8	6.7	3.5	3.1	5.4	2.6	0.3
	1BC	7.2	3.6	1.5	4.4	6.7	3.9	7.9	4.0	3.6	6.2	3.0	0.3
	1BD	6.6	2.8	1.6	5.7	5.3	4.2	5.7	5.3	3.3	5.5	2.7	0.3
	1BE	6.4	4.0	2.3	5.2	5.8	3.9	6.0	4.5	4.0	6.6	3.5	0.3
	1BG	6.0	3.4	2.0	5.7	5.7	3.9	5.1	5.3	4.4	6.9	3.5	0.3
	1BH	5.7	3.1	1.6	6.1	5.8	4.4	5.2	5.8	4.4	7.3	3.4	0.3
	1CA	7.4	3.0	0.8	5.7	5.5	4.4	6.1	5.2	2.6	4.6	2.4	0.2
	1CB	7.3	3.7	0.6	5.5	5.8	4.6	6.4	6.1	2.7	4.7	2.2	0.1
	1CC	7.6	4.4	0.7	4.3	5.9	4.4	6.3	5.6	2.7	4.5	2.9	0.1
	1CD	6.1	2.9	0.9	5.8	7.1	5.6	6.9	6.7	3.8	5.4	2.3	0.2
	1CE	4.5	1.9	0.6	6.3	7.4	4.9	5.6	7.3	3.9	7.0	2.3	0.3
	1DA	5.2	2.5	1.1	6.8	8.4	6.1	5.6	6.4	4.7	7.8	2.5	0.3
	1DB	5.8	3.3	1.7	6.8	6.1	5.6	5.7	5.7	4.6	7.8	3.3	0.3
	1DC	6.2	3.3	1.9	8.0	7.1	6.5	5.9	5.3	5.2	8.2	3.4	0.4
	1DD	6.7	3.5	2.2	8.6	6.8	6.4	5.8	4.7	5.5	8.1	3.8	0.6
	1EA	6.0	2.9	2.0	6.4	9.5	6.1	5.2	5.2	5.5	6.9	3.0	0.3
	1EB	6.5	3.0	2.9	8.2	8.9	5.9	5.0	4.1	6.2	7.6	3.6	0.5
	1EC	6.1	2.9	1.8	7.4	9.2	6.6	5.5	5.4	5.7	7.8	2.9	0.4
	1ED	7.1	2.8	2.4	9.3	7.7	5.4	4.8	4.2	6.1	7.3	4.0	0.9
	1EE	7.3	2.1	2.1	10.3	6.6	3.9	3.5	3.7	5.7	6.2	4.1	1.2
	1EF	7.0	2.1	2.1	10.0	6.2	3.6	2.8	3.1	4.9	5.8	3.8	1.0
	1EG	7.1	1.8	2.4	10.1	6.6	3.7	3.1	3.4	5.3	5.7	3.7	1.1
	1FA	7.6	4.5	0.8	3.4	6.4	4.5	6.3	5.2	2.9	4.4	3.6	0.1
	1FB	6.8	3.7	1.7	4.9	7.6	5.5	6.5	5.7	4.3	4.8	3.3	0.2
	1FC	6.9	3.9	2.0	4.2	7.7	5.1	5.9	5.1	4.4	4.7	4.0	0.2
	1FD	7.1	3.9	1.8	3.5	6.8	4.6	6.1	4.8	3.6	4.1	4.2	0.2
	1FE	6.7	3.0	2.9	6.9	8.1	5.2	4.0	3.7	5.2	6.0	3.3	0.5
	1FF	6.7	2.5	3.1	8.2	6.4	4.5	2.7	2.4	4.5	5.7	2.8	0.7
	1FG	6.5	1.5	2.4	9.9	5.4	3.0	2.0	2.4	3.8	4.8	2.9	0.8
LVSCA	1GA	6.5	3.7	1.3	4.6	5.9	5.0	5.9	4.6	3.1	4.8	2.8	0.1
	1GB	6.6	3.4	2.7	5.1	6.1	3.9	3.9	4.1	3.7	4.6	2.9	0.2
	1GC	6.1	4.2	1.2	6.0	6.0	4.8	5.7	6.8	3.8	5.8	2.1	0.1
	1GD	5.9	3.3	2.6	6.8	5.0	3.8	2.4	3.1	3.4	5.9	1.5	0.2
	1GE	6.5	3.5	2.4	7.2	5.2	3.7	2.7	3.4	3.4	6.7	1.6	0.2
	1GF	6.4	3.1	2.6	7.1	4.6	3.3	2.1	2.9	3.1	5.8	1.4	0.4
	1GG	5.8	3.8	1.4	6.0	5.6	5.3	5.3	5.3	3.5	6.0	2.0	0.1
	1HA1	6.5	3.1	3.2	6.6	5.3	4.0	2.1	2.4	3.5	5.0	2.2	0.4
	1HA2	6.2	3.2	3.0	6.5	4.5	3.2	1.6	2.6	3.0	4.9	1.6	0.3
	1HB1	6.3	1.6	2.7	9.3	4.9	3.3	1.8	2.0	3.5	4.7	2.5	0.7
	1HB2	6.5	2.4	3.3	8.0	4.7	4.1	1.5	1.4	3.0	5.2	1.8	0.6
	1HC	5.8	1.2	2.3	9.4	4.5	2.8	1.6	1.9	3.3	3.9	2.5	0.8
	1HD	6.4	2.4	3.2	7.3	5.7	4.8	2.6	3.3	4.0	5.7	2.3	1.3
	1HE	6.0	2.1	3.4	7.4	5.8	5.4	2.4	3.2	4.6	4.9	2.4	1.7
	1HF	5.0	1.0	2.1	6.6	4.6	4.1	1.3	1.7	4.1	2.9	2.0	1.3
	1HG	5.5	1.0	2.0	6.9	4.6	4.0	1.0	1.6	3.4	2.7	2.0	1.2
	1JA	7.3	3.7	1.7	6.6	6.5	4.9	4.9	5.5	3.9	6.9	2.4	0.3
	1JB	7.9	3.3	1.9	7.6	7.0	5.4	5.2	4.4	4.1	8.2	2.5	0.4
	1JC	7.7	3.8	1.9	7.4	6.8	5.5	5.2	5.2	4.2	7.9	2.5	0.3
	1JD	7.9	3.3	2.2	7.6	6.7	5.0	4.4	3.9	4.0	8.0	2.4	0.4
	1JE	7.2	3.4	3.0	8.1	7.2	5.1	3.9	3.6	4.6	7.0	2.9	1.9
	1JF	7.6	2.7	2.3	7.1	7.2	4.8	4.5	4.1	4.1	7.3	2.6	1.0
	1JG1	7.3	2.7	2.6	7.2	6.3	4.4	3.8	3.8	4.0	6.9	2.2	0.8
	1JG2	6.4	2.6	3.1	7.1	5.1	4.2	2.2	2.9	3.4	5.5	1.7	0.9
	1KA	6.2	2.5	3.5	7.6	6.4	5.9	2.4	3.5	5.1	4.7	2.7	2.1
	1KB	6.7	2.6	2.9	7.3	6.0	5.1	1.7	2.3	4.0	4.1	2.3	1.8
	1KC	7.0	4.5	3.1	8.1	6.8	4.8	1.5	2.2	4.0	4.8	2.3	1.9
	1LA1	7.5	3.7	2.0	6.5	6.7	4.4	4.1	4.7	3.9	6.0	2.4	0.6
	1LA2	6.3	4.4	2.8	6.9	7.1	3.9	1.6	2.0	3.7	4.2	2.0	1.5
	1LA3	6.1	5.2	2.4	5.1	5.9	2.4	1.1	1.4	2.4	2.6	1.7	1.2
	1LB1	7.1	4.1	1.8	5.8	6.4	3.5	2.7	3.4	3.1	4.5	2.2	0.7
	1LB2	6.0	5.2	2.3	5.6	6.1	2.6	1.3	1.9	2.8	3.4	1.8	1.2

Monthly Rainfall by Sub-basin

Year 1998 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	1.2	0.3	0.2	0.4	2.2	1.2	0.2	0.4	0.0	0.1	0.4	0.3
	2AB	1.0	0.3	0.1	0.3	1.5	1.5	0.2	0.6	0.0	0.4	0.2	0.2
	2BA	6.9	3.2	1.0	3.9	6.4	3.7	7.5	3.9	2.8	5.5	2.7	0.3
	2BB	5.2	1.9	0.4	2.7	4.9	2.9	4.7	3.0	1.7	5.0	2.2	0.3
	2BC	5.6	2.6	0.8	3.0	5.2	3.3	4.8	3.3	2.4	5.3	2.8	0.3
	2BD	2.0	0.7	0.1	0.8	2.6	1.6	0.9	1.3	0.3	2.0	0.8	0.1
	2CA	1.4	0.4	0.1	0.5	2.2	1.4	0.5	1.0	0.1	0.6	0.5	0.2
	2CB	7.9	3.2	0.5	4.4	6.6	3.3	5.2	4.3	1.7	4.5	2.6	0.3
	2CC	3.7	1.1	0.4	1.5	3.9	2.0	2.6	2.0	0.7	2.3	1.4	0.4
	2D	4.0	0.7	1.1	1.6	4.7	1.4	2.5	2.6	0.6	2.1	1.4	0.5
	2EA	5.3	3.2	1.1	3.0	6.4	3.3	3.3	3.8	3.4	2.9	2.3	0.1
	2EB	5.7	3.2	1.1	2.8	6.5	3.1	3.9	4.1	2.9	3.1	1.7	0.1
	2EC	5.3	2.9	1.3	3.7	5.9	3.0	2.7	4.2	3.4	3.0	2.6	0.1
	2ED	6.1	4.1	0.5	4.1	5.7	4.2	6.7	6.3	2.8	4.5	2.3	0.1
	2EE	5.6	3.1	0.7	3.9	5.6	2.6	6.1	4.6	1.6	4.1	1.5	0.2
	2EF	5.1	3.5	0.7	4.0	5.4	3.3	5.9	6.0	2.8	4.1	1.7	0.1
	2EG1	6.3	3.8	1.3	4.1	5.6	3.5	3.9	6.3	3.5	4.0	2.4	0.1
	2EG2	5.1	2.8	1.0	3.5	5.5	2.7	5.0	4.7	2.3	3.6	1.6	0.1
	2EH	6.8	2.5	0.9	4.0	7.0	3.1	5.9	4.8	1.3	3.7	1.9	0.3
	2EJ	4.8	0.9	1.6	2.4	6.2	1.9	2.9	3.8	1.0	2.2	1.4	0.1
	2EK	5.2	2.0	1.4	2.6	6.4	2.4	3.8	4.1	1.7	2.9	1.5	0.1
	2FA	5.4	3.5	1.3	3.9	7.1	2.8	2.1	2.1	3.4	2.2	2.5	0.4
	2FB	5.0	2.7	1.4	3.5	6.6	3.2	2.2	3.3	3.5	2.4	3.3	0.2
	2FC	5.5	3.3	1.4	3.8	6.1	2.8	2.0	2.8	3.3	2.5	2.6	0.2
	2GA	5.7	3.6	1.2	3.7	7.0	2.9	1.8	2.0	2.9	1.9	2.4	0.5
	2GB	6.0	3.6	1.4	4.2	7.9	3.4	2.2	2.2	3.5	2.2	2.6	0.5
	2GC	7.1	5.4	2.1	6.6	8.7	4.2	1.7	1.5	3.6	2.0	3.4	0.8
	2GD	6.6	5.2	1.6	4.9	7.1	3.0	1.3	1.6	2.6	1.6	2.5	0.7
	2H-1	7.7	6.1	3.5	4.3	7.8	2.4	1.3	0.9	1.0	0.5	2.4	0.9
	2H-2	8.1	6.6	4.6	3.7	8.6	2.4	1.4	0.5	0.6	0.2	2.2	0.9
	2H-3	7.7	6.2	3.8	3.8	6.8	2.1	0.9	0.3	0.4	0.1	2.2	0.7
	2J	1.2	0.4	0.1	0.5	1.9	1.5	0.3	0.8	0.1	1.0	0.4	0.2
	2KA	6.5	5.0	1.4	4.1	5.5	2.2	1.1	1.9	1.8	1.9	1.4	0.4
	2KB	6.6	5.3	2.7	3.6	5.9	1.6	0.9	0.9	0.8	0.5	1.4	0.8
	2KC	6.8	5.7	3.1	3.5	6.4	1.9	1.0	0.7	0.8	0.5	1.5	0.8
ACA	3AA	9.2	6.9	5.6	3.9	10.4	2.7	1.9	0.6	0.7	0.2	2.3	1.2
	3AB	8.4	6.8	3.5	3.7	6.6	2.1	0.8	0.3	0.3	0.1	2.4	0.6
	3AC	10.6	6.9	4.3	5.1	8.2	2.1	1.1	0.3	0.3	0.1	3.2	0.9
	3BA	10.0	7.4	6.2	5.2	11.9	3.0	2.1	0.7	0.9	0.4	3.0	1.2
	3BB	9.7	8.3	6.0	6.1	12.4	3.1	1.9	0.8	1.1	0.5	3.8	1.0
	3BC	9.8	8.8	5.8	7.0	12.4	3.5	1.8	1.0	1.6	0.9	4.4	1.0
	3BD	9.5	8.8	5.5	6.9	12.0	3.5	1.7	0.9	1.5	0.8	4.3	0.9
	3CB	9.8	8.5	5.4	7.0	11.3	3.5	1.6	0.8	1.2	0.7	4.2	0.8
	3DA	12.3	5.8	3.2	5.6	6.1	1.4	0.7	0.2	0.1	0.1	3.5	0.9
	3DB	12.2	4.5	2.3	4.5	4.5	0.6	0.5	0.1	0.1	0.0	5.2	0.7
	3EA	11.8	6.4	2.7	4.8	5.3	1.1	0.7	0.1	0.1	0.1	3.8	0.7
	3EB	11.7	5.4	2.2	5.1	4.9	0.8	0.5	0.1	0.1	0.0	4.5	0.6
	3EC	10.2	4.9	2.1	5.4	4.7	0.7	0.4	0.1	0.1	0.1	4.5	0.4
	3ED	12.0	4.3	2.1	5.2	4.5	0.6	0.4	0.1	0.1	0.0	4.7	0.7
	3FA	9.5	5.2	2.1	4.8	4.4	0.8	0.3	0.1	0.1	0.0	3.6	0.5
	3FB	12.1	5.7	2.4	4.2	3.7	0.3	0.2	0.0	0.1	0.1	4.1	0.9
	3G	7.1	4.4	2.5	4.6	2.4	0.2	0.3	0.1	0.3	0.2	3.9	1.2
	3HA	6.8	5.4	3.5	4.1	1.9	0.3	0.5	0.1	0.6	0.6	4.7	1.1
	3HB	5.1	4.2	2.1	4.7	3.2	1.2	1.2	0.3	0.6	0.4	3.5	1.0
	3HC	2.8	2.8	0.4	6.4	4.3	3.5	1.8	0.7	0.7	0.2	2.5	0.6
	3HD1	3.9	3.0	0.4	8.0	5.9	4.1	2.0	0.8	0.8	0.3	1.8	0.6
	3HD2	2.9	2.5	0.6	7.9	4.7	4.6	1.8	0.7	0.7	0.3	2.7	0.6
	3J	6.3	5.2	3.6	5.6	2.6	0.3	0.6	0.1	0.5	0.7	3.7	1.7
	3K	5.4	4.4	1.5	6.9	7.1	3.2	2.6	0.4	1.7	1.3	3.8	1.0
	3LA	5.6	4.4	2.4	5.3	3.9	1.3	1.6	0.4	0.7	0.7	3.3	1.0
	3LB	4.4	3.3	0.7	8.7	6.7	4.4	2.6	0.8	0.8	0.4	1.6	0.5
	3MA-1	6.2	5.5	3.9	4.6	2.7	0.7	1.0	0.2	1.0	1.5	4.3	1.3
	3MA-2	6.0	5.0	2.8	5.5	5.0	1.8	1.6	0.2	1.3	1.4	3.5	1.2
	3MB	4.8	3.7	1.6	6.8	6.4	2.3	2.5	0.5	1.2	1.1	2.9	1.0
	3MC	5.4	4.6	1.5	6.8	7.3	3.2	2.6	0.3	1.7	1.2	3.5	1.0
	3MD1	4.8	3.4	1.6	9.0	7.3	2.0	3.7	0.8	1.1	1.3	3.0	0.7
	3MD2	4.9	3.7	1.1	7.8	6.8	3.1	3.0	0.5	1.5	1.3	4.2	0.6
	3N	7.4	4.7	2.0	4.4	3.6	0.8	0.2	0.1	0.1	0.0	3.0	0.7

Monthly Rainfall by Sub-basin

Year 1998 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	8.1	3.6	3.3	6.8	7.5	1.5	1.2	1.2	1.0	1.0	4.6	1.0
	4AB	7.5	4.5	2.8	5.8	8.2	2.3	1.5	1.2	1.7	1.3	3.6	1.0
	4AC	7.7	5.8	3.0	6.5	9.1	2.8	1.3	1.1	2.0	1.3	4.0	1.1
	4AD	8.3	6.5	3.3	7.8	9.5	3.3	1.4	1.2	2.6	1.6	4.5	1.1
	4BA	6.9	4.5	3.2	7.8	8.6	2.0	0.9	1.0	1.0	0.7	4.4	0.9
	4BB	7.5	3.5	3.5	7.5	8.0	1.5	0.9	1.0	1.0	0.7	4.9	1.0
	4BC	6.6	3.7	3.3	7.5	8.3	2.0	0.9	1.0	0.7	0.5	4.6	0.7
	4BD	8.2	6.9	3.6	8.9	10.0	3.5	1.3	1.3	2.4	1.6	5.3	1.0
	4BE	8.5	6.9	4.0	8.6	10.0	3.6	1.2	1.2	1.7	1.2	5.2	0.8
	4BF	8.4	6.0	4.1	7.2	9.2	3.0	1.0	0.6	0.6	0.4	3.7	0.6
	4BG	9.1	4.2	3.5	6.0	7.1	2.4	0.5	0.4	0.2	0.1	3.2	0.5
	4CA	9.6	9.1	4.5	9.1	11.2	4.5	1.7	1.4	2.9	1.9	5.7	1.0
	4CB	9.8	9.6	5.1	9.3	11.8	4.2	1.6	1.3	2.5	1.7	5.9	0.9
	4CC	10.3	5.7	4.0	6.3	7.7	2.3	0.7	0.3	0.3	0.2	3.2	0.8
	4DA	7.5	3.8	3.6	6.9	8.4	2.3	0.9	1.0	0.6	0.3	5.2	0.5
	4DB	8.5	4.5	4.3	8.1	10.0	2.7	1.1	1.3	0.7	0.5	6.7	0.6
	4DC	9.1	4.9	4.8	9.1	11.2	2.9	1.3	1.4	0.8	0.6	7.5	0.6
	4DD	8.2	4.7	4.0	7.4	9.3	2.6	0.7	0.7	0.3	0.2	6.2	0.5
	4DE	9.9	4.4	3.1	5.4	5.7	1.9	0.2	0.3	0.1	0.0	3.8	0.7
	4EA	15.3	5.4	5.0	10.7	11.0	2.7	0.6	1.1	0.7	1.4	9.5	1.0
	4EB	14.1	5.7	5.4	11.8	12.5	3.1	0.8	1.2	0.9	1.0	9.0	0.9
	4EC	11.2	5.6	4.9	9.8	11.2	2.8	0.9	1.0	0.6	0.5	7.9	0.7
	4ED	11.5	4.6	3.8	6.5	6.6	1.6	0.2	0.3	0.2	0.5	6.9	0.7
	4FA	14.7	4.9	4.4	9.4	9.1	2.0	0.4	1.0	0.4	1.6	9.7	1.1
	4FB	12.7	4.6	4.4	8.9	8.3	1.3	0.2	0.6	0.3	1.2	9.4	1.1
	4GA	9.4	3.5	4.0	6.1	6.2	0.8	0.2	0.4	0.2	0.9	6.7	0.8
	4GB	9.5	2.8	3.5	5.7	5.3	0.6	0.2	0.3	0.1	0.8	6.1	0.9
	4GC	9.0	1.0	2.4	3.1	2.5	0.3	0.4	0.0	0.0	0.4	3.0	1.0
	4GD	10.1	1.6	2.6	4.2	3.0	0.7	0.4	0.1	0.1	0.5	3.9	1.0
	4GE	12.0	2.4	3.2	4.5	3.5	0.9	0.3	0.1	0.1	0.5	4.5	1.2
	4GF	11.4	1.9	2.8	4.3	2.0	1.3	0.6	0.2	0.1	0.2	3.0	1.2
	4GG	6.6	1.2	1.6	6.9	1.9	3.5	1.4	0.5	0.3	0.5	2.3	0.9
	4HA	14.5	4.6	3.0	4.0	4.0	0.4	0.2	0.0	0.1	0.0	4.4	1.2
	4HB	12.4	3.2	2.5	4.4	2.6	1.2	0.5	0.2	0.1	0.1	2.6	1.4
	4HC	7.4	4.3	2.0	4.5	2.7	1.0	0.7	0.2	0.4	0.2	3.6	1.1
	4JA	7.4	2.5	2.5	3.2	1.5	1.2	0.5	0.2	0.1	0.3	2.0	0.9
	4JB	6.7	5.8	3.8	5.7	1.1	3.6	0.9	0.5	0.3	0.6	1.7	0.9
	4KA	6.9	4.8	3.3	4.8	1.1	2.8	0.8	0.4	0.3	0.5	1.7	0.9
	4KB	7.7	3.1	3.0	5.4	1.1	3.0	0.9	0.4	0.2	0.5	1.9	0.9
ENNCA	5AA	6.9	3.0	1.1	2.4	8.4	3.4	3.0	3.6	3.2	2.8	2.1	0.2
	5AB	7.1	2.2	1.1	2.6	9.1	3.1	3.0	3.0	2.7	2.6	2.2	0.3
	5AC	5.6	1.1	0.8	2.4	8.0	2.1	2.2	2.9	1.3	2.0	2.1	0.1
	5AD	6.5	1.0	0.8	2.4	8.4	2.2	2.8	2.6	1.4	2.2	2.1	0.3
	5BA	7.2	3.3	2.3	4.7	7.3	2.0	2.1	1.5	1.4	1.5	2.9	0.8
	5BB	7.1	3.1	1.9	4.0	8.1	2.5	2.4	1.7	1.9	1.8	2.5	0.7
	5BC-1	7.3	2.3	1.7	3.6	7.1	2.1	2.8	2.3	1.4	2.2	2.6	0.5
	5BC-2	5.9	1.1	0.8	2.7	7.0	1.9	2.9	2.7	1.0	2.1	2.1	0.3
	5BD	7.1	1.6	1.1	2.5	8.7	2.6	3.2	2.7	2.1	2.5	2.1	0.4
	5BE	9.9	2.4	2.2	4.2	5.7	2.2	2.4	2.3	0.9	2.6	3.4	0.7
	5CA	4.5	0.4	1.0	1.9	6.0	1.4	2.3	3.5	0.5	1.9	1.1	0.0
	5CB	4.2	0.4	0.8	1.7	5.2	1.1	1.9	2.6	0.3	1.6	1.3	0.4
	5CC	3.5	0.4	1.0	1.2	4.6	0.8	1.7	2.1	0.2	1.5	1.5	0.6
	5DA	12.9	2.9	3.1	5.6	5.2	1.8	0.8	1.2	0.3	2.0	5.0	1.4
	5DB	9.4	2.0	2.0	3.9	5.0	1.9	1.8	2.0	0.5	2.1	2.8	0.9
	5DC	5.3	0.7	0.7	2.4	6.7	1.6	2.3	2.8	0.6	1.4	1.4	0.1
	5DD	6.0	0.8	1.1	2.9	5.6	1.3	1.8	2.5	0.4	1.5	1.7	0.6
	5EA	4.0	0.8	0.6	2.9	2.0	0.3	0.1	0.1	0.0	0.1	0.8	0.2
	5EB	4.5	1.2	1.0	3.5	3.2	0.6	0.2	0.2	0.0	0.1	1.3	0.3
	5EC	5.7	1.2	1.9	2.8	4.4	0.7	0.6	0.5	0.0	0.4	2.2	0.5
	5ED	6.8	2.0	2.8	4.1	4.5	0.6	0.2	0.3	0.1	0.6	4.0	0.8
	5FA	6.1	1.2	2.0	2.7	2.6	0.3	0.2	0.1	0.0	0.2	2.3	0.6
	5FB	5.0	0.6	1.1	2.0	1.7	0.1	0.1	0.0	0.0	0.1	1.0	0.3
	5G	2.5	0.7	0.4	2.9	2.2	0.3	0.1	0.2	0.0	0.2	0.6	0.1
	5HA	1.2	0.2	0.3	2.2	2.2	0.0	0.0	0.1	0.0	0.2	0.4	0.0
	5HB	1.2	0.5	0.4	2.5	2.4	0.3	0.1	0.2	0.0	0.2	0.5	0.1
	5J	3.3	0.6	1.0	1.6	4.4	0.8	0.4	0.3	0.0	0.2	1.4	0.4

Monthly Rainfall by Sub-basin

Year 1999 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	3.0	0.3	7.7	8.5	6.9	3.5	3.6	5.6	5.2	9.5	2.4	2.7
	1AB	2.3	0.3	7.0	7.7	5.9	3.8	3.7	4.9	4.2	8.8	1.6	1.6
	1AC	2.9	0.6	8.7	8.6	6.7	4.2	3.6	6.0	5.1	9.6	1.4	1.6
	1AD	3.7	0.5	8.9	9.9	7.9	4.2	3.4	6.8	6.6	10.5	3.2	3.8
	1AE	4.2	0.2	8.7	10.5	8.2	3.4	3.3	6.9	7.2	10.6	4.6	5.7
	1AF	3.7	0.5	9.2	9.7	7.9	3.9	3.3	6.6	6.3	10.4	3.0	3.4
	1AG	3.8	0.5	9.0	9.3	7.9	3.8	3.2	6.2	6.4	9.8	3.4	3.4
	1AH	3.8	0.3	8.4	9.3	7.9	3.3	3.1	6.0	6.9	9.4	4.8	4.8
	1BA	0.2	0.4	6.0	4.5	3.2	2.3	3.4	3.2	1.1	7.6	2.4	1.0
	1BB	0.3	0.4	4.3	4.8	3.6	3.4	3.6	2.9	2.0	8.1	2.3	0.7
	1BC	0.4	0.2	3.4	4.7	3.8	4.1	4.1	2.6	2.7	8.5	2.4	0.7
	1BD	0.7	0.2	5.4	4.8	3.2	3.2	4.0	3.5	2.0	6.7	1.7	1.0
	1BE	0.5	0.1	3.6	5.1	3.4	3.9	4.0	3.0	2.6	7.0	1.9	0.8
	1BG	0.7	0.1	4.3	5.6	3.6	4.2	3.9	3.3	2.9	6.4	1.5	1.0
	1BH	1.1	0.2	5.4	6.1	4.3	4.2	3.9	4.0	3.4	6.8	1.3	1.0
	1CA	0.7	0.2	6.7	4.2	2.8	2.4	4.4	3.7	1.2	7.6	2.1	1.3
	1CB	0.7	0.1	6.9	3.9	2.6	2.7	5.0	4.2	1.4	7.8	2.1	1.5
	1CC	0.9	0.1	7.0	3.3	2.7	2.9	5.4	5.5	1.4	8.3	2.8	1.8
	1CD	1.2	0.4	7.3	5.2	3.5	4.6	5.3	6.3	3.4	7.1	1.6	1.5
	1CE	1.1	0.4	6.5	5.5	4.1	4.9	4.3	5.4	4.2	6.2	0.9	1.1
	1DA	1.9	0.7	8.4	7.5	5.3	5.8	3.9	6.8	5.5	7.6	1.0	1.5
	1DB	2.0	0.4	7.1	7.3	5.4	4.4	3.7	5.1	4.2	8.1	1.3	1.2
	1DC	2.8	0.7	8.9	8.4	6.5	4.8	3.5	6.4	5.5	8.9	1.6	1.6
	1DD	3.4	0.6	9.2	8.9	7.3	4.3	3.3	6.4	5.9	9.6	2.3	2.2
	1EA	2.0	0.7	8.9	7.4	5.0	6.4	4.3	8.5	5.7	7.0	1.8	2.0
	1EB	3.0	0.6	8.9	8.2	5.9	5.4	3.3	7.3	6.0	7.1	2.2	2.2
	1EC	2.4	0.9	9.3	8.5	5.8	6.4	3.6	7.6	6.4	7.9	1.5	2.0
	1ED	3.2	0.6	8.7	8.3	7.2	4.7	3.1	6.2	6.6	8.1	3.3	2.8
	1EE	3.3	0.4	8.0	7.9	7.7	3.7	2.9	5.0	6.9	7.9	4.9	3.8
	1EF	3.4	0.3	8.2	8.0	7.4	3.2	2.8	5.0	6.6	7.9	5.0	4.0
	1EG	3.1	0.4	8.0	7.1	6.9	3.8	2.7	4.8	6.5	6.1	4.9	3.3
	1FA	1.2	0.1	7.3	3.1	2.9	3.4	5.9	6.8	1.9	8.3	3.1	2.0
	1FB	1.6	0.4	8.0	5.1	3.9	5.1	5.7	8.5	3.8	7.6	2.5	1.9
	1FC	1.8	0.3	8.2	4.8	4.1	5.2	5.8	9.3	3.8	7.8	3.1	2.1
	1FD	1.8	0.2	7.7	3.9	3.8	4.7	5.7	8.6	3.2	8.0	3.5	2.2
	1FE	2.6	0.5	8.7	6.9	5.2	5.3	4.2	8.2	5.2	6.0	3.0	2.5
	1FF	2.9	0.3	8.5	6.8	5.6	3.9	3.2	6.4	5.0	4.6	4.0	2.8
	1FG	3.0	0.3	8.3	6.6	6.1	2.8	2.6	4.2	5.7	5.4	5.3	3.0
LVSCA	1GA	2.1	0.5	7.4	3.8	3.7	3.4	4.9	6.1	2.2	6.8	2.4	2.4
	1GB	2.4	0.4	7.6	4.7	4.2	4.5	4.6	7.4	3.4	6.3	3.2	2.9
	1GC	1.8	0.5	6.2	3.8	3.7	2.7	4.6	5.6	2.3	6.2	1.4	2.0
	1GD	2.7	0.8	7.5	5.1	4.9	3.6	2.8	5.7	3.6	4.7	2.7	3.3
	1GE	2.6	0.7	7.4	5.0	5.1	3.4	2.5	6.0	4.1	4.6	2.9	3.2
	1GF	2.0	0.5	7.1	4.6	4.4	3.2	2.3	6.4	4.2	4.0	3.8	3.2
	1GG	2.5	0.9	7.3	4.5	4.6	3.0	4.2	5.3	2.4	6.2	1.6	2.5
	1HA1	2.4	0.2	7.9	5.5	4.6	3.8	3.6	7.5	3.9	4.0	3.8	2.9
	1HA2	2.1	0.2	7.3	4.9	4.1	3.6	3.1	7.0	3.7	3.7	3.7	3.2
	1HB1	2.7	0.2	8.1	6.2	5.6	2.7	2.5	4.1	4.9	4.2	5.1	2.6
	1HB2	2.9	0.2	8.4	6.3	5.1	3.1	2.7	5.6	4.1	3.2	4.5	2.9
	1HC	2.4	0.2	7.5	5.9	5.5	2.3	2.3	3.4	4.9	4.4	5.5	2.6
	1HD	2.3	1.0	7.7	5.9	5.3	3.6	2.6	5.5	4.5	6.0	4.8	3.2
	1HE	2.2	1.1	7.4	6.7	5.8	3.5	2.5	4.6	4.4	6.7	5.1	3.2
	1HF	1.3	0.4	4.9	5.7	5.3	2.0	1.4	2.6	3.2	4.9	5.3	2.5
	1HG	1.6	0.3	5.4	5.4	5.0	1.6	1.2	2.2	2.9	4.3	5.3	2.3
	1JA	3.0	0.9	7.2	4.8	4.5	2.7	3.4	5.3	2.8	5.3	2.8	2.6
	1JB	4.2	1.3	9.0	6.3	6.4	3.3	2.8	5.2	3.9	5.4	3.3	3.1
	1JC	3.4	1.0	8.1	5.7	6.1	3.3	3.5	5.3	3.6	6.1	2.3	2.5
	1JD	3.3	1.1	8.4	5.7	6.3	3.6	2.8	5.6	4.4	5.7	3.2	2.9
	1JE	3.6	1.4	9.5	5.8	3.7	3.3	2.5	5.3	3.5	5.2	4.5	3.7
	1JF	3.2	1.2	7.8	4.9	4.2	3.0	2.8	5.2	3.4	5.3	4.2	3.1
	1JG1	2.5	1.1	7.8	5.1	5.2	3.6	2.6	5.9	4.6	5.8	4.1	3.2
	1JG2	2.2	0.8	7.7	5.4	4.8	3.4	2.5	6.1	4.3	4.9	4.6	3.4
	1KA	2.3	1.3	7.7	7.4	5.8	3.6	2.4	4.1	4.0	7.7	5.1	3.2
	1KB	2.4	1.0	7.7	6.6	4.8	2.7	1.8	3.3	2.9	6.0	4.9	2.8
	1KC	2.9	1.0	10.5	6.5	3.1	3.0	2.0	3.5	2.8	6.0	4.5	3.1
	1LA1	3.3	0.8	7.5	4.8	2.9	2.3	2.8	5.3	2.3	4.0	3.8	3.0
	1LA2	3.2	0.7	11.5	4.9	1.9	2.9	1.9	3.2	3.1	5.6	4.4	3.6
	1LA3	2.7	0.5	10.6	4.4	1.3	1.3	0.8	1.5	1.5	2.1	3.5	3.8
	1LB1	3.1	0.7	7.9	4.3	2.3	1.9	2.3	4.4	2.0	3.1	3.8	3.1
	1LB2	3.0	0.6	11.1	4.4	1.4	1.6	1.0	2.1	1.7	2.1	3.3	3.7

Monthly Rainfall by Sub-basin

Year 1999 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	1.8	0.8	0.5	0.1	0.3	0.1	0.0	0.2	0.7	0.4
	2AB	0.0	0.0	1.7	0.5	0.5	0.1	0.3	0.1	0.0	0.0	0.3	0.3
	2BA	0.3	0.2	3.6	4.7	4.0	4.2	3.9	2.4	2.6	8.9	2.4	0.6
	2BB	0.1	0.2	3.6	4.6	3.6	3.9	3.0	1.4	1.9	6.6	1.9	0.5
	2BC	0.3	0.1	3.5	4.9	3.5	4.1	3.5	1.8	2.2	6.9	1.9	0.6
	2BD	0.0	0.0	2.1	2.0	1.7	1.6	1.0	0.2	0.5	1.5	0.5	0.2
	2CA	0.0	0.0	1.9	1.1	1.0	0.5	0.5	0.1	0.0	0.3	0.4	0.3
	2CB	0.3	0.1	6.8	3.6	2.6	2.0	4.2	3.9	0.6	6.7	2.3	1.4
	2CC	0.1	0.2	3.5	2.6	2.2	1.7	1.7	1.0	0.7	3.1	1.3	0.6
	2D	0.1	0.2	4.2	2.4	1.4	0.9	2.2	1.5	0.3	2.3	1.5	0.9
	2EA	0.5	0.0	3.4	2.2	1.7	2.0	3.8	3.5	1.0	2.1	2.2	1.1
	2EB	0.4	0.0	3.6	2.0	1.7	2.3	3.9	3.3	0.7	2.2	1.8	1.0
	2EC	0.8	0.0	3.5	2.1	1.5	1.1	3.9	3.8	1.3	2.8	2.6	1.2
	2ED	0.8	0.0	5.3	2.2	1.9	2.1	5.4	5.3	1.0	5.8	1.6	1.4
	2EE	0.3	0.0	4.6	2.1	2.3	1.8	4.1	3.3	0.6	4.2	1.9	1.2
	2EF	0.7	0.0	3.9	1.8	1.8	1.7	4.9	4.5	1.1	4.4	1.7	1.1
	2EG1	0.7	0.0	3.9	1.9	1.4	1.3	4.5	4.8	1.1	4.7	2.2	1.3
	2EG2	0.5	0.0	3.7	1.8	1.9	1.6	4.1	3.5	0.9	3.1	1.8	1.0
	2EH	0.3	0.0	6.0	2.7	2.2	2.0	4.2	3.6	0.5	4.2	1.6	1.2
	2EJ	0.2	0.0	3.9	1.4	1.0	0.9	2.8	2.0	0.2	1.7	1.3	1.1
	2EK	0.2	0.0	3.9	1.4	1.4	1.6	3.4	2.6	0.3	2.0	1.3	1.1
	2FA	0.4	0.0	3.4	2.2	1.3	1.4	2.7	3.2	0.9	1.6	2.4	1.4
	2FB	0.7	0.0	3.6	2.5	1.6	1.3	3.4	3.6	1.3	2.0	2.6	1.4
	2FC	0.6	0.0	3.6	2.2	1.2	0.9	2.8	3.4	0.9	2.0	2.4	1.3
	2GA	0.3	0.0	3.1	2.2	1.2	1.6	2.3	3.4	0.9	1.6	2.6	1.5
	2GB	0.3	0.1	3.0	2.4	1.6	2.0	2.7	3.5	1.0	1.8	2.8	1.7
	2GC	0.5	0.3	2.5	3.6	2.9	2.0	1.7	4.1	1.4	1.9	5.0	3.0
	2GD	0.5	0.2	3.5	2.8	1.8	1.3	1.4	3.4	0.8	1.5	3.9	2.3
	2H-1	0.6	0.2	5.9	3.7	1.2	0.3	0.4	1.5	0.5	0.9	5.7	4.1
	2H-2	0.4	0.2	5.9	3.8	0.6	0.1	0.1	0.9	0.3	0.9	6.8	4.3
	2H-3	0.4	0.2	5.5	3.3	0.4	0.1	0.1	0.6	0.2	0.9	6.3	3.9
	2J	0.0	0.0	1.8	1.0	0.8	0.6	0.5	0.1	0.1	0.3	0.4	0.3
	2KA	1.8	0.3	7.7	2.9	1.1	0.7	1.0	2.1	0.9	1.3	2.9	2.8
	2KB	1.1	0.2	7.7	3.2	0.8	0.2	0.1	0.8	0.7	0.5	3.5	3.6
	2KC	1.0	0.2	7.7	3.1	0.7	0.1	0.1	0.6	0.6	0.6	4.1	4.0
ACA	3AA	0.4	0.1	5.7	4.5	0.6	0.1	0.2	1.1	0.3	0.9	8.3	4.9
	3AB	0.5	0.2	5.4	3.1	0.3	0.1	0.1	0.5	0.1	1.0	7.2	3.4
	3AC	0.5	0.1	5.8	5.3	0.4	0.1	0.2	0.5	0.1	1.0	9.0	5.2
	3BA	0.5	0.1	6.1	6.0	1.1	0.1	0.4	1.3	0.4	1.0	9.7	6.2
	3BB	0.5	0.2	6.2	6.4	1.6	0.2	0.6	1.3	0.4	1.2	10.4	6.7
	3BC	0.8	0.3	5.7	6.5	2.6	0.5	0.8	1.8	0.6	1.5	10.7	6.7
	3BD	0.7	0.3	5.7	6.5	2.3	0.4	0.8	1.6	0.5	1.5	10.4	6.6
	3CB	0.7	0.3	6.0	6.8	2.1	0.4	0.8	1.3	0.5	1.4	10.5	6.6
	3DA	0.6	0.0	6.2	5.1	0.2	0.0	0.2	0.2	0.0	1.2	9.3	5.1
	3DB	0.7	0.1	4.9	4.9	0.2	0.1	0.0	0.2	0.2	0.6	12.1	6.4
	3EA	0.8	0.1	5.0	4.5	0.2	0.1	0.1	0.2	0.0	0.9	9.5	4.3
	3EB	0.8	0.1	4.6	4.4	0.2	0.2	0.0	0.3	0.1	0.8	11.0	5.0
	3EC	0.7	0.2	4.3	3.9	0.2	0.2	0.0	0.3	0.2	0.7	11.6	5.1
	3ED	0.6	0.1	4.3	4.3	0.2	0.2	0.0	0.3	0.2	0.5	13.9	6.9
	3FA	0.4	0.2	4.2	2.7	0.2	0.1	0.0	0.2	0.1	0.5	12.2	4.6
	3FB	0.3	0.2	3.4	2.3	0.3	0.3	0.1	0.1	0.1	0.0	11.5	4.9
	3G	0.3	0.2	4.5	3.7	1.0	1.0	0.3	0.3	0.2	0.0	5.8	4.9
	3HA	0.3	0.3	2.0	4.3	1.1	1.1	0.4	0.5	0.4	0.1	3.1	4.7
	3HB	0.3	0.2	1.6	4.0	2.9	1.7	0.9	0.9	0.6	0.5	2.9	3.3
	3HC	0.2	0.1	1.3	5.2	5.3	2.3	2.5	1.4	1.0	0.8	3.8	1.2
	3HD1	0.4	0.1	0.8	5.9	5.9	2.9	2.6	1.7	1.5	1.3	2.9	0.8
	3HD2	0.2	0.0	1.4	6.4	6.0	2.6	3.1	1.8	1.2	0.7	4.3	1.2
	3J	0.5	0.4	5.9	4.7	2.0	1.5	0.5	0.6	0.4	0.1	3.1	5.2
	3K	2.3	0.4	3.0	7.1	6.7	4.1	2.6	3.0	1.3	2.4	5.7	1.5
	3LA	0.3	0.2	1.7	4.3	3.8	2.4	1.1	1.3	0.8	0.8	2.9	2.9
	3LB	0.3	0.1	0.9	6.3	6.7	3.3	2.7	2.0	1.6	1.4	2.9	0.7
	3MA-1	0.7	0.4	3.2	5.1	2.5	1.9	0.7	1.2	0.7	0.7	3.8	5.1
	3MA-2	1.5	0.4	3.2	5.1	4.4	2.9	1.5	2.1	0.8	1.8	4.8	2.9
	3MB	1.4	0.3	2.3	6.1	7.2	4.1	2.2	2.9	1.3	1.9	4.7	1.2
	3MC	2.5	0.5	3.4	7.0	6.6	4.2	2.6	3.1	1.2	2.6	6.1	1.3
	3MD1	0.7	0.1	1.2	7.7	8.0	4.4	3.3	2.7	2.1	1.6	4.0	0.9
	3MD2	1.9	0.2	1.9	8.0	7.8	4.0	3.1	3.0	1.9	1.9	4.6	1.2
	3N	0.3	0.2	4.8	2.6	0.4	0.3	0.1	0.2	0.1	0.4	8.7	4.0

Monthly Rainfall by Sub-basin

Year 1999 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.9	0.7	3.5	6.0	4.0	0.4	1.0	0.7	0.5	1.4	7.5	5.6
	4AB	0.7	0.6	2.7	4.7	3.7	0.8	1.1	1.4	0.7	1.4	5.7	3.5
	4AC	0.8	0.5	2.9	4.9	4.2	1.0	1.2	1.9	0.9	1.5	6.6	3.5
	4AD	1.0	0.6	3.2	5.3	4.8	1.2	1.3	2.4	1.1	1.8	7.9	4.2
	4BA	0.9	0.6	4.2	5.7	4.1	0.4	0.9	0.8	0.5	1.2	9.7	4.8
	4BB	0.9	0.6	4.0	6.4	4.2	0.4	1.0	0.7	0.4	1.2	8.8	6.2
	4BC	0.8	0.4	4.5	5.6	3.4	0.3	0.8	0.6	0.3	1.2	10.5	5.3
	4BD	1.2	0.7	4.3	6.1	5.0	1.0	1.3	2.2	1.0	1.8	10.3	4.7
	4BE	1.1	0.6	5.2	6.4	4.2	0.7	1.1	1.7	0.7	1.8	11.7	5.2
	4BF	0.5	0.2	6.4	6.2	1.9	0.2	0.6	0.6	0.2	1.3	11.1	5.5
	4BG	0.2	0.1	6.4	4.9	1.0	0.1	0.3	0.2	0.1	1.4	10.0	4.6
	4CA	1.2	0.7	4.9	6.4	4.7	1.3	1.5	3.2	1.2	2.2	10.4	5.9
	4CB	1.3	0.7	5.5	7.2	4.5	0.9	1.3	2.3	0.9	2.0	11.9	6.6
	4CC	0.3	0.1	6.6	5.5	0.7	0.1	0.4	0.3	0.1	1.3	9.4	5.6
	4DA	0.8	0.3	5.5	5.7	2.8	0.3	0.8	0.6	0.3	1.4	10.9	5.4
	4DB	1.1	0.4	6.0	6.1	3.0	0.3	0.9	0.8	0.5	1.6	12.7	6.4
	4DC	1.2	0.4	6.3	6.2	3.1	0.3	1.0	0.9	0.5	1.8	13.9	7.2
	4DD	0.6	0.1	6.3	5.4	2.0	0.1	0.5	0.4	0.3	1.3	10.8	5.5
	4DE	0.3	0.0	6.2	4.8	0.6	0.0	0.2	0.1	0.1	1.2	8.7	5.2
	4EA	1.1	0.4	7.6	6.4	2.4	0.2	0.6	0.5	0.5	2.1	18.2	9.1
	4EB	1.2	0.3	7.2	6.5	2.9	0.2	0.9	0.8	0.6	2.4	17.6	9.1
	4EC	1.0	0.2	6.6	5.9	2.4	0.2	0.8	0.7	0.4	1.8	14.4	7.3
	4ED	0.4	0.0	5.5	5.4	0.8	0.0	0.2	0.1	0.2	0.8	10.7	6.1
	4FA	1.2	0.3	7.8	6.4	1.8	0.1	0.3	0.2	0.3	1.5	17.7	8.6
	4FB	1.2	0.1	7.4	6.2	1.5	0.1	0.2	0.1	0.2	1.3	17.4	7.9
	4GA	0.9	0.1	5.6	5.1	1.0	0.0	0.1	0.1	0.1	1.1	15.5	5.8
	4GB	0.6	0.0	4.6	4.6	0.8	0.0	0.1	0.1	0.0	0.7	12.5	4.9
	4GC	0.1	0.0	1.6	2.5	0.7	0.1	0.1	0.1	0.1	0.2	5.3	2.4
	4GD	0.2	0.0	2.3	3.2	0.9	0.3	0.3	0.2	0.2	0.3	6.3	3.4
	4GE	0.2	0.0	3.1	3.4	0.7	0.3	0.3	0.2	0.3	0.3	9.4	5.5
	4GF	0.2	0.1	2.6	3.2	1.3	0.9	0.8	0.5	0.5	0.2	9.4	4.9
	4GG	0.1	0.1	2.0	5.8	4.5	3.1	2.4	1.4	1.1	0.4	5.0	1.8
	4HA	0.4	0.1	4.5	3.3	0.2	0.1	0.0	0.1	0.1	0.2	14.2	7.4
	4HB	0.2	0.1	2.8	2.6	1.2	0.7	0.8	0.4	0.5	0.1	10.8	5.0
	4HC	0.3	0.2	1.9	3.5	1.8	1.1	0.8	0.6	0.5	0.2	5.0	3.8
	4JA	0.1	0.0	1.1	2.8	1.7	1.4	0.7	0.5	0.3	0.2	3.9	2.0
	4JB	0.1	0.1	1.4	5.2	4.7	4.4	2.2	1.5	0.9	0.3	4.4	2.0
	4KA	0.1	0.1	1.2	4.4	3.7	3.4	1.7	1.2	0.8	0.2	4.0	1.9
	4KB	0.1	0.1	1.4	4.7	3.9	3.4	1.9	1.3	0.8	0.3	4.5	2.0
ENNCA	5AA	0.2	0.0	3.9	2.1	1.2	2.2	3.6	3.0	0.4	1.8	2.1	1.3
	5AB	0.1	0.0	4.0	2.1	1.1	1.6	3.1	2.4	0.4	1.5	2.5	1.6
	5AC	0.1	0.0	3.8	1.2	0.5	0.5	2.6	1.6	0.0	1.2	2.0	1.3
	5AD	0.1	0.1	3.9	1.7	0.6	0.4	2.3	1.3	0.1	1.2	2.5	1.6
	5BA	0.6	0.6	2.6	4.3	2.9	0.5	1.1	1.1	0.5	1.4	4.3	3.1
	5BB	0.4	0.4	2.7	3.4	2.3	0.8	1.5	1.5	0.6	1.4	3.7	2.2
	5BC-1	0.5	0.5	3.2	3.2	1.8	0.4	1.5	1.1	0.3	1.6	3.6	2.3
	5BC-2	0.3	0.3	3.3	1.8	0.6	0.1	1.8	1.1	0.0	1.4	2.4	1.4
	5BD	0.2	0.2	3.9	2.2	1.0	0.9	2.4	1.7	0.2	1.4	2.7	1.7
	5BE	0.7	0.8	3.7	3.5	1.3	0.1	1.0	0.8	0.4	1.7	5.5	2.7
	5CA	0.0	0.0	3.5	2.2	0.3	0.2	2.4	1.7	0.2	1.4	1.4	0.9
	5CB	0.1	0.1	3.7	2.2	0.5	0.2	2.0	1.3	0.2	1.4	1.9	0.9
	5CC	0.0	0.2	3.7	2.3	0.8	0.4	1.8	1.0	0.2	1.5	1.8	0.9
	5DA	1.2	0.5	5.7	3.7	0.7	0.0	0.5	0.2	0.6	1.1	9.7	4.0
	5DB	0.8	0.5	4.1	2.5	0.5	0.1	1.0	0.6	0.4	1.3	5.2	1.9
	5DC	0.1	0.1	3.5	1.4	0.3	0.1	2.2	1.2	0.0	1.2	2.3	1.2
	5DD	0.4	0.1	3.8	2.0	0.2	0.1	1.9	1.1	0.3	1.1	2.9	1.3
	5EA	0.0	0.0	1.0	1.5	0.4	0.4	0.1	0.2	0.0	1.0	2.5	0.9
	5EB	0.0	0.0	1.2	2.0	0.6	0.4	0.1	0.2	0.0	1.1	2.8	0.9
	5EC	0.2	0.1	2.1	2.9	0.5	0.2	0.5	0.3	0.1	0.8	3.9	1.2
	5ED	0.7	0.1	4.0	3.6	0.6	0.1	0.1	0.1	0.2	0.7	10.6	3.6
	5FA	0.2	0.0	1.9	2.5	0.5	0.2	0.1	0.1	0.0	0.5	7.0	2.3
	5FB	0.0	0.0	0.9	1.5	0.3	0.2	0.1	0.1	0.0	0.4	3.8	1.3
	5G	0.0	0.0	1.2	1.5	0.4	0.3	0.1	0.1	0.0	1.5	2.0	0.6
	5HA	0.0	0.0	1.5	1.2	0.1	0.1	0.1	0.1	0.0	1.7	1.7	0.4
	5HB	0.0	0.0	1.4	1.6	0.3	0.1	0.1	0.1	0.0	1.6	1.8	0.3
	5J	0.0	0.1	2.0	1.7	0.5	0.2	0.3	0.2	0.0	0.6	2.0	0.8

Monthly Rainfall by Sub-basin

Year 2000 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.5	0.5	1.9	4.4	6.3	3.2	3.3	4.2	3.4	5.5	4.6	1.4
	1AB	1.4	0.3	1.4	4.4	6.1	3.4	3.2	4.5	3.3	5.5	3.2	1.1
	1AC	1.8	0.4	1.9	5.2	6.3	3.5	3.3	3.9	3.4	5.4	3.4	1.4
	1AD	1.7	0.8	2.7	5.0	6.3	2.9	3.8	3.7	3.5	5.5	6.0	2.3
	1AE	1.4	1.0	3.0	4.0	5.9	2.5	3.4	4.1	3.4	5.8	8.1	3.4
	1AF	1.8	0.7	2.5	5.0	6.1	2.9	3.7	3.6	3.5	5.3	5.4	2.6
	1AG	1.7	0.7	2.5	4.9	6.2	2.7	4.0	3.6	3.6	5.1	5.4	2.9
	1AH	1.2	0.9	2.8	4.3	5.4	2.2	3.7	3.7	3.6	5.2	7.6	3.6
	1BA	0.6	0.0	0.2	1.3	5.2	4.0	3.8	4.2	2.4	4.7	2.3	0.9
	1BB	0.7	0.0	0.4	2.5	6.4	4.2	4.2	5.3	3.3	5.7	2.7	0.7
	1BC	0.5	0.0	0.6	3.3	7.1	3.8	4.4	6.6	4.1	6.1	2.7	0.5
	1BD	0.4	0.2	0.4	2.5	5.9	3.5	3.7	5.4	3.0	4.8	1.9	0.9
	1BE	0.3	0.1	0.7	3.3	6.1	3.2	3.8	6.1	3.7	5.4	2.2	0.7
	1BG	0.3	0.2	0.7	3.4	6.5	3.6	3.4	6.1	3.6	5.6	2.2	1.0
	1BH	0.6	0.2	0.9	3.8	6.7	3.8	3.3	5.7	3.5	5.6	2.4	1.1
	1CA	0.3	0.2	0.4	1.6	5.3	3.2	4.0	4.9	2.7	4.1	1.4	0.8
	1CB	0.2	0.2	0.4	1.7	5.5	3.1	4.2	5.1	2.9	4.0	1.2	0.8
	1CC	0.2	0.4	0.4	1.3	5.8	3.5	4.9	4.8	3.3	4.6	1.4	1.1
	1CD	0.4	0.7	1.0	3.2	7.3	4.2	4.7	5.8	3.9	4.8	2.3	1.3
	1CE	0.4	0.6	1.0	4.0	7.6	4.4	4.0	6.1	3.8	5.3	2.6	1.4
	1DA	1.0	0.7	1.7	5.2	7.8	4.4	4.1	5.2	3.9	5.4	3.2	2.0
	1DB	1.2	0.3	1.3	4.6	6.5	3.7	3.4	4.8	3.5	5.5	2.7	1.3
	1DC	1.6	0.5	1.9	5.3	6.7	3.7	3.8	4.1	3.7	5.2	3.3	2.1
	1DD	1.8	0.6	2.2	5.3	6.4	3.2	4.0	3.7	3.7	5.0	4.0	2.4
	1EA	0.9	1.0	1.9	4.8	8.3	4.8	4.8	5.6	4.4	5.5	3.5	3.1
	1EB	1.2	1.0	2.0	4.7	7.3	3.9	4.4	5.0	4.1	5.1	3.4	3.9
	1EC	1.2	0.9	2.2	5.6	8.0	4.2	4.4	4.9	4.1	5.3	3.6	3.0
	1ED	1.2	0.9	2.3	5.0	6.3	3.0	4.7	4.1	4.1	4.8	4.7	3.6
	1EE	0.8	1.0	2.5	4.6	5.1	2.2	4.7	3.6	4.1	4.5	6.6	3.9
	1EF	0.9	0.9	2.6	4.4	4.7	2.0	4.0	3.3	3.8	4.6	7.1	3.8
	1EG	0.7	1.0	2.4	4.5	4.9	2.4	4.7	3.6	4.3	4.1	6.0	4.4
	1FA	0.3	0.7	0.5	1.4	6.5	4.2	5.4	4.7	3.6	5.4	1.7	1.2
	1FB	0.6	1.0	1.1	3.0	7.7	4.7	5.6	5.6	4.3	5.4	2.8	1.7
	1FC	0.7	1.2	1.1	2.8	7.9	5.1	5.9	5.4	4.5	5.7	3.0	1.9
	1FD	0.6	1.2	0.9	2.1	7.7	4.9	6.2	4.9	4.0	6.0	2.8	1.5
	1FE	1.1	1.1	2.1	4.2	7.0	4.3	4.8	4.8	4.4	5.1	4.1	3.8
	1FF	1.2	0.8	2.6	4.4	5.9	3.3	3.9	3.7	4.1	4.1	4.8	4.7
	1FG	0.7	0.7	2.4	4.3	4.0	2.0	3.5	2.9	3.8	3.9	6.5	4.2
LVSCA	1GA	0.4	0.8	0.9	2.8	5.9	3.9	5.8	4.5	3.0	5.8	2.8	1.6
	1GB	1.0	1.4	1.6	3.2	6.1	4.0	5.8	4.2	3.3	6.0	3.7	1.9
	1GC	0.6	0.5	1.4	3.9	4.2	3.4	5.0	4.8	2.6	5.1	3.9	2.8
	1GD	1.1	0.9	2.7	5.3	5.2	2.7	5.0	3.7	2.5	5.5	4.6	3.0
	1GE	1.2	0.8	3.3	5.7	5.6	3.0	4.7	3.9	3.0	5.2	4.8	4.2
	1GF	1.2	0.9	4.1	5.8	5.6	3.0	3.8	3.5	3.1	4.3	5.4	4.6
	1GG	0.6	0.6	1.4	4.3	5.4	3.4	5.6	4.5	2.6	5.5	3.8	2.5
	1HA1	1.5	0.8	3.0	4.3	5.8	3.6	3.9	3.4	3.8	4.4	4.5	4.1
	1HA2	1.5	0.8	3.3	4.7	5.3	3.0	3.9	3.0	3.2	4.6	4.6	3.7
	1HB1	0.9	0.6	2.6	4.5	4.3	2.2	3.2	2.6	3.8	3.5	5.8	4.5
	1HB2	1.6	0.5	3.2	4.6	5.1	2.8	2.9	2.6	3.5	3.5	5.1	5.0
	1HC	0.7	0.7	2.5	4.4	3.8	2.1	2.7	2.4	3.6	3.4	6.0	4.2
	1HD	1.1	1.8	4.3	6.4	6.6	3.9	3.6	3.9	4.2	3.7	6.9	5.2
	1HE	1.0	1.8	4.0	6.3	7.0	4.2	3.1	3.5	4.7	3.4	6.7	5.1
	1HF	0.8	1.0	3.4	4.8	4.7	3.2	1.6	2.3	3.5	2.6	4.4	4.5
	1HG	0.8	0.8	3.2	4.5	4.1	2.9	1.7	2.0	3.2	2.6	4.4	4.4
	1JA	1.0	0.9	2.1	5.0	3.9	3.5	4.5	4.8	2.6	4.2	5.9	4.1
	1JB	1.1	1.5	3.0	6.0	5.1	4.1	4.9	5.1	3.3	4.3	7.0	5.2
	1JC	1.1	0.9	2.5	5.4	5.5	4.2	5.1	5.0	3.6	5.0	5.4	4.6
	1JD	1.0	1.4	3.5	6.0	5.9	4.2	4.9	5.1	3.6	4.7	6.1	5.0
	1JE	1.3	2.1	3.7	6.5	4.4	3.7	4.0	4.5	2.9	3.3	8.7	5.1
	1JF	1.1	2.0	3.4	5.7	3.9	3.6	4.2	5.0	2.5	3.6	7.6	4.8
	1JG1	1.0	1.9	4.4	6.3	6.1	4.0	4.4	4.9	3.6	4.1	6.9	5.1
	1JG2	1.2	1.5	4.4	6.3	6.3	3.5	3.6	3.6	3.7	3.7	6.6	4.9
	1KA	1.0	1.9	4.2	6.5	7.5	4.6	3.1	3.3	4.6	3.2	6.6	5.1
	1KB	1.2	1.3	3.9	5.7	5.9	3.7	2.8	2.8	3.2	2.7	5.5	4.7
	1KC	1.4	1.3	4.2	6.1	5.9	3.9	3.4	3.2	3.0	2.8	6.5	4.8
	1LA1	1.2	1.0	2.2	5.1	2.7	3.0	3.5	4.1	2.2	3.3	7.1	4.3
	1LA2	1.4	1.7	4.0	6.6	5.1	3.7	3.7	3.8	2.8	2.9	8.1	4.8
	1LA3	0.9	0.6	2.5	3.3	2.6	1.2	1.3	1.3	1.7	1.3	5.7	3.4
	1LB1	1.1	1.0	2.1	4.5	2.0	2.3	2.9	3.4	1.7	2.7	6.7	3.9
	1LB2	1.0	0.8	2.7	3.9	3.1	1.4	1.7	2.0	2.0	1.5	6.6	3.7

Monthly Rainfall by Sub-basin

Year 2000 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.2	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.5	0.3	0.6
	2AB	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.0	0.0	0.6	0.1	0.7
	2BA	0.6	0.0	0.4	3.0	7.1	4.1	4.4	6.2	3.9	6.1	2.8	0.5
	2BB	0.4	0.0	0.3	2.0	4.7	2.7	2.8	3.8	2.4	4.1	2.0	0.7
	2BC	0.3	0.0	0.5	2.5	5.2	2.7	3.2	4.7	2.9	4.5	2.0	0.6
	2BD	0.0	0.0	0.0	0.6	0.8	0.5	0.5	0.4	0.2	1.3	0.4	0.7
	2CA	0.0	0.0	0.0	0.4	0.4	0.2	0.3	0.1	0.0	1.0	0.3	0.7
	2CB	0.3	0.0	0.2	0.8	3.6	3.2	4.1	5.3	1.7	3.8	2.3	1.3
	2CC	0.5	0.0	0.3	0.9	2.3	1.5	1.5	1.9	0.9	2.3	1.4	0.8
	2D	1.0	0.0	0.5	0.3	1.4	1.1	1.7	2.9	0.6	1.3	2.2	1.0
	2EA	0.0	0.0	0.0	0.7	1.8	2.4	3.1	4.5	1.3	2.4	3.2	1.7
	2EB	0.2	0.0	0.1	0.6	1.9	2.5	2.8	4.7	1.3	2.1	2.9	1.8
	2EC	0.0	0.0	0.0	1.0	1.4	2.2	3.1	4.5	1.0	2.9	3.5	1.5
	2ED	0.1	0.1	0.4	1.2	3.4	3.2	4.4	4.6	2.3	4.5	2.2	1.9
	2EE	0.2	0.0	0.2	0.6	2.3	2.3	3.9	5.2	1.2	2.8	3.3	2.5
	2EF	0.1	0.0	0.2	0.9	1.9	2.4	3.6	4.6	1.4	3.3	3.3	2.3
	2EG1	0.1	0.0	0.1	1.6	1.4	2.5	3.4	4.8	1.4	3.7	3.2	1.6
	2EG2	0.3	0.0	0.2	0.7	1.9	2.2	3.3	5.1	1.1	2.5	3.4	2.1
	2EH	0.5	0.0	0.2	0.5	2.7	2.7	3.9	6.8	1.1	2.8	2.9	1.4
	2EJ	0.9	0.0	0.1	0.3	1.7	1.4	2.0	4.9	0.7	1.0	2.3	0.9
	2EK	0.7	0.0	0.1	0.3	1.9	1.9	2.2	5.1	1.0	1.5	2.4	1.5
	2FA	0.1	0.0	0.1	1.8	1.3	2.3	3.2	2.9	1.4	2.2	3.2	1.3
	2FB	0.0	0.0	0.0	1.1	1.4	2.1	3.2	4.4	1.2	2.6	3.5	1.1
	2FC	0.0	0.0	0.0	1.6	1.1	2.1	3.0	3.8	1.3	2.5	3.3	1.5
	2GA	0.1	0.0	0.3	1.5	1.2	2.0	3.0	2.7	1.4	2.4	2.8	1.1
	2GB	0.1	0.1	0.2	1.6	1.5	2.2	3.1	2.8	1.7	2.4	3.0	1.3
	2GC	0.3	0.2	0.6	2.6	2.3	1.6	2.6	1.8	2.3	2.6	4.2	2.3
	2GD	0.3	0.1	0.7	2.3	1.5	1.5	2.2	1.9	1.5	2.3	3.5	2.0
	2H-1	0.3	0.1	1.2	2.4	1.7	0.7	0.6	0.5	0.8	1.0	4.5	2.7
	2H-2	0.1	0.0	1.1	2.4	1.6	0.6	0.2	0.2	0.6	0.7	4.4	2.7
	2H-3	0.1	0.0	0.8	1.9	1.0	0.4	0.0	0.2	0.3	0.7	4.2	2.8
	2J	0.0	0.0	0.0	0.3	0.3	0.2	0.2	0.1	0.0	0.8	0.2	0.6
	2KA	0.6	0.4	1.6	2.6	1.0	1.0	1.3	1.6	1.0	1.4	4.8	2.8
	2KB	0.4	0.2	1.7	1.7	1.3	0.3	0.2	0.2	0.7	0.6	4.1	2.6
	2KC	0.3	0.2	1.5	1.8	1.4	0.3	0.1	0.2	0.6	0.5	4.0	2.6
ACA	3AA	0.1	0.0	1.1	2.9	2.1	0.8	0.2	0.2	0.7	0.7	5.0	2.7
	3AB	0.2	0.0	0.8	2.2	0.9	0.4	0.1	0.2	0.3	0.8	4.3	2.7
	3AC	0.3	0.0	1.1	3.0	1.0	0.4	0.2	0.1	0.4	0.5	5.4	2.9
	3BA	0.2	0.0	1.2	3.4	2.4	0.9	0.5	0.2	0.9	0.6	5.7	2.9
	3BB	0.2	0.0	1.4	3.8	2.4	0.8	0.8	0.3	1.0	0.6	6.3	3.0
	3BC	0.3	0.1	1.4	4.1	2.9	1.0	1.1	0.5	1.3	1.0	6.7	3.4
	3BD	0.3	0.1	1.4	3.9	2.5	0.9	1.0	0.4	1.1	0.9	6.4	3.2
	3CB	0.3	0.1	1.2	3.7	2.1	0.7	0.9	0.4	1.0	0.8	6.2	3.1
	3DA	0.5	0.0	1.0	3.3	0.6	0.2	0.2	0.1	0.3	0.3	5.6	3.2
	3DB	0.5	0.0	0.6	3.2	0.4	0.2	0.2	0.2	0.4	0.2	5.8	2.9
	3EA	0.5	0.0	1.2	3.1	0.5	0.2	0.1	0.2	0.2	0.6	5.7	3.0
	3EB	0.5	0.0	0.9	3.2	0.5	0.2	0.2	0.2	0.3	0.4	5.8	2.9
	3EC	0.3	0.0	0.7	2.6	0.4	0.2	0.2	0.2	0.3	0.3	5.6	2.8
	3ED	0.4	0.0	0.4	2.7	0.4	0.2	0.2	0.2	0.4	0.1	5.9	2.8
	3FA	0.2	0.0	0.4	1.8	0.3	0.1	0.0	0.1	0.2	0.2	4.9	3.4
	3FB	0.2	0.0	0.4	1.9	0.3	0.3	0.0	0.1	0.4	0.2	4.3	3.8
	3G	0.1	0.0	1.3	1.8	0.8	0.5	0.1	0.3	0.3	0.3	2.5	2.3
	3HA	0.0	0.0	1.3	0.8	0.9	0.9	0.2	0.5	0.8	0.7	3.7	2.7
	3HB	0.1	0.0	2.0	0.8	2.7	2.3	0.7	0.9	1.2	1.9	3.2	3.2
	3HC	0.1	0.0	2.4	0.8	6.6	4.8	1.5	1.3	1.7	3.6	1.9	2.1
	3HD1	0.0	0.0	2.9	1.0	7.6	6.3	1.8	1.4	1.8	3.8	2.2	2.0
	3HD2	0.1	0.0	2.7	1.2	9.1	5.6	1.8	1.3	1.6	4.0	1.8	1.9
	3J	0.1	0.0	2.6	1.8	1.6	1.0	0.3	0.5	0.5	0.3	2.9	2.5
	3K	0.3	0.0	1.7	3.5	9.2	7.3	2.5	2.1	1.4	2.7	3.6	3.3
	3LA	0.1	0.0	2.3	1.3	3.4	2.7	0.9	1.1	1.2	1.9	3.6	3.7
	3LB	0.0	0.0	2.8	1.5	8.3	6.2	1.9	1.4	1.8	3.7	2.5	2.6
	3MA-1	0.1	0.1	2.7	1.3	2.3	2.2	0.6	1.1	1.0	0.8	4.7	3.4
	3MA-2	0.3	0.1	2.6	1.9	4.9	4.4	1.4	1.6	1.2	1.8	4.1	3.8
	3MB	0.3	0.0	1.8	3.0	8.0	6.1	2.2	1.9	1.4	2.7	3.0	3.3
	3MC	0.5	0.0	1.8	3.2	9.0	7.5	2.6	2.2	1.5	3.0	3.4	3.7
	3MD1	0.1	0.0	1.4	4.8	10.5	6.9	2.7	1.9	1.5	2.8	3.6	2.9
	3MD2	0.2	0.0	1.1	4.6	11.0	7.6	2.7	2.2	1.3	2.6	3.4	2.8
	3N	0.2	0.0	0.6	1.6	0.4	0.1	0.0	0.1	0.1	0.3	3.4	2.7

Monthly Rainfall by Sub-basin

Year 2000 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.5	0.3	0.7	2.8	2.6	0.6	0.6	0.6	0.6	1.7	4.5	2.7
	4AB	0.9	0.4	0.8	2.6	2.8	0.8	1.1	0.8	1.0	1.7	4.0	2.6
	4AC	0.7	0.5	0.9	2.9	3.2	1.0	1.3	0.9	1.4	1.9	4.8	3.0
	4AD	0.7	0.4	1.0	3.5	3.6	1.2	1.5	1.0	1.7	2.0	5.5	3.4
	4BA	0.8	0.3	0.7	2.9	2.7	0.6	0.7	0.5	0.9	1.1	5.5	2.3
	4BB	1.4	0.3	0.6	2.8	2.5	0.6	0.6	0.5	0.8	1.3	4.7	2.5
	4BC	0.7	0.1	0.5	2.7	1.9	0.5	0.6	0.4	0.8	0.9	5.6	1.9
	4BD	0.5	0.3	1.0	3.8	3.6	1.1	1.4	0.8	1.7	1.7	6.6	3.3
	4BE	0.3	0.2	1.0	3.9	3.0	0.8	1.1	0.6	1.4	1.3	7.1	3.1
	4BF	0.2	0.0	0.8	3.1	1.5	0.3	0.6	0.2	0.7	0.6	6.2	2.2
	4BG	0.1	0.0	0.7	3.0	0.7	0.1	0.3	0.1	0.6	0.4	6.3	2.3
	4CA	0.4	0.2	1.3	4.5	3.7	1.4	1.9	1.0	2.0	2.0	6.9	4.0
	4CB	0.4	0.2	1.3	4.5	3.6	1.1	1.5	0.7	1.6	1.5	7.4	3.9
	4CC	0.2	0.0	0.9	3.1	0.8	0.2	0.3	0.1	0.5	0.3	5.8	2.9
	4DA	0.6	0.1	0.6	2.8	1.5	0.4	0.6	0.4	0.8	1.0	6.3	2.1
	4DB	0.7	0.1	0.6	3.0	1.5	0.6	0.6	0.6	1.0	1.7	8.2	2.6
	4DC	0.7	0.1	0.5	3.0	1.6	0.6	0.7	0.7	1.1	2.2	9.5	3.0
	4DD	0.1	0.0	0.4	2.9	0.7	0.3	0.4	0.3	0.7	0.7	7.2	2.7
	4DE	0.2	0.0	0.5	3.2	0.4	0.1	0.1	0.1	0.4	0.2	6.1	3.1
	4EA	0.9	0.1	0.4	3.9	1.4	0.4	0.4	0.7	0.8	3.0	14.5	4.9
	4EB	1.0	0.1	0.5	3.6	1.8	0.6	0.6	0.8	1.1	3.4	14.4	4.5
	4EC	0.5	0.0	0.4	3.1	1.2	0.5	0.6	0.6	1.0	2.0	10.8	3.6
	4ED	0.4	0.0	0.3	3.4	0.4	0.1	0.2	0.1	0.4	0.5	6.9	3.4
	4FA	0.7	0.1	0.3	3.7	0.9	0.2	0.3	0.5	0.5	2.0	12.9	4.8
	4FB	0.5	0.1	0.2	2.9	0.7	0.1	0.2	0.2	0.4	1.1	12.8	4.6
	4GA	0.4	0.0	0.1	2.0	0.4	0.1	0.1	0.1	0.2	0.7	11.6	4.1
	4GB	0.3	0.0	0.2	2.0	0.3	0.1	0.1	0.1	0.2	0.5	8.9	3.2
	4GC	0.3	0.0	0.4	1.4	0.1	0.1	0.1	0.0	0.3	0.6	3.9	1.5
	4GD	0.3	0.0	0.4	2.0	0.7	0.3	0.2	0.1	0.5	0.9	3.6	2.0
	4GE	0.4	0.0	0.3	2.3	0.7	0.4	0.2	0.1	0.5	0.8	4.7	2.7
	4GF	0.3	0.0	0.4	1.7	2.2	0.9	0.5	0.2	0.7	1.4	3.8	2.7
	4GG	0.2	0.0	1.2	1.9	8.6	3.5	1.6	0.8	1.2	3.7	2.4	1.9
	4HA	0.3	0.0	0.3	2.3	0.3	0.3	0.1	0.1	0.3	0.1	6.0	3.7
	4HB	0.2	0.0	0.5	1.5	2.1	1.2	0.5	0.2	0.6	1.3	4.3	3.0
	4HC	0.1	0.0	1.3	0.8	1.8	1.6	0.4	0.6	0.9	1.4	3.3	2.8
	4JA	0.2	0.0	0.4	1.1	1.9	0.7	0.5	0.2	0.7	1.4	1.7	1.4
	4JB	0.2	0.0	0.5	1.5	7.9	2.3	1.5	0.5	1.0	3.3	1.6	1.9
	4KA	0.2	0.0	0.5	1.4	5.9	1.8	1.2	0.4	1.0	2.8	1.6	1.7
	4KB	0.2	0.0	0.6	1.6	6.4	2.0	1.2	0.4	1.0	3.0	1.7	1.9
ENNCA	5AA	0.0	0.0	0.1	0.6	1.6	2.3	2.2	3.6	1.2	1.7	2.1	1.2
	5AB	0.0	0.0	0.2	0.6	1.3	1.7	1.8	2.9	0.9	1.5	2.0	1.1
	5AC	0.2	0.0	0.1	0.3	0.9	1.0	0.9	3.3	0.3	0.8	2.0	0.7
	5AD	0.1	0.0	0.2	0.4	0.6	0.7	0.8	2.3	0.2	1.0	2.0	0.8
	5BA	1.0	0.4	0.6	2.0	2.1	0.6	0.9	0.8	0.7	1.7	3.0	2.0
	5BB	0.5	0.3	0.5	1.6	1.8	0.8	1.2	1.2	0.9	1.7	2.8	1.7
	5BC-1	0.7	0.2	0.4	1.6	1.3	0.6	0.9	1.2	0.4	1.7	2.6	1.3
	5BC-2	0.3	0.0	0.1	0.7	0.5	0.5	0.7	1.9	0.1	1.1	2.1	0.6
	5BD	0.1	0.0	0.2	0.6	0.9	1.1	1.3	2.2	0.5	1.4	1.9	0.9
	5BE	1.1	0.1	0.4	3.1	0.8	0.3	0.6	1.1	0.2	2.3	4.3	1.7
	5CA	0.3	0.0	0.1	0.2	1.0	0.8	1.6	3.5	0.4	0.5	2.8	0.7
	5CB	0.5	0.0	0.4	0.3	0.6	0.5	1.1	2.4	0.3	0.5	2.9	0.9
	5CC	0.9	0.0	0.7	0.1	0.5	0.4	1.0	1.9	0.3	0.6	2.5	1.0
	5DA	1.4	0.1	0.5	4.3	0.3	0.1	0.1	0.6	0.2	1.9	7.5	3.1
	5DB	1.0	0.1	0.3	3.0	0.4	0.3	0.4	1.3	0.1	1.7	4.6	1.7
	5DC	0.1	0.0	0.1	0.4	0.5	0.6	0.8	2.8	0.1	0.6	2.9	0.8
	5DD	0.5	0.0	0.2	1.0	0.5	0.5	0.8	2.3	0.2	0.6	3.5	1.1
	5EA	0.1	0.0	0.0	0.6	0.5	0.1	0.1	0.1	0.7	0.6	1.0	0.4
	5EB	0.2	0.0	0.0	0.8	0.7	0.1	0.1	0.2	0.6	0.7	1.1	0.5
	5EC	0.5	0.0	0.2	0.6	0.3	0.2	0.2	0.4	0.3	0.5	2.2	1.0
	5ED	0.4	0.0	0.1	1.4	0.2	0.0	0.0	0.1	0.2	0.5	7.4	2.8
	5FA	0.1	0.0	0.2	0.9	0.1	0.1	0.1	0.0	0.4	0.4	4.3	1.8
	5FB	0.1	0.0	0.1	0.5	0.1	0.1	0.0	0.0	0.6	0.3	1.7	0.8
	5G	0.1	0.0	0.0	0.8	1.3	0.1	0.1	0.2	0.6	1.4	1.1	0.3
	5HA	0.0	0.0	0.0	0.6	1.9	0.0	0.0	0.1	0.3	2.2	1.0	0.2
	5HB	0.1	0.0	0.0	0.8	1.7	0.0	0.1	0.2	0.4	1.8	1.1	0.2
	5J	0.4	0.0	0.2	0.3	0.2	0.1	0.2	0.2	0.1	0.4	0.9	0.6

Monthly Rainfall by Sub-basin

Year 2001 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.6	1.4	4.6	6.7	5.2	3.5	3.1	3.3	4.1	4.5	3.9	0.1
	1AB	2.3	1.1	4.6	5.9	4.9	3.6	3.6	3.3	3.6	4.8	4.1	0.1
	1AC	2.6	1.4	4.8	6.5	4.8	2.8	2.9	2.9	3.6	3.9	3.4	0.1
	1AD	3.0	1.8	4.9	7.9	5.7	3.7	2.6	3.2	4.6	4.0	3.6	0.2
	1AE	3.3	2.0	4.6	8.3	6.8	4.5	2.0	3.4	5.6	4.5	4.3	0.2
	1AF	3.1	1.8	5.2	8.0	5.6	3.5	2.6	3.0	4.4	3.9	3.4	0.2
	1AG	3.3	1.9	5.4	8.2	5.7	3.7	2.6	3.2	4.6	4.0	3.4	0.2
	1AH	3.6	2.2	5.0	8.1	6.3	4.5	2.2	3.3	5.5	4.5	4.0	0.3
	1BA	3.7	0.4	4.5	6.1	3.8	3.8	4.4	6.0	1.8	4.2	5.2	0.3
	1BB	3.2	0.6	4.8	6.0	4.6	4.9	4.9	5.7	2.6	5.4	4.9	0.2
	1BC	2.6	0.8	4.5	5.6	5.3	6.2	5.6	5.3	3.2	6.4	4.6	0.2
	1BD	3.1	0.3	3.9	5.3	4.2	4.6	4.6	5.4	2.9	5.1	4.8	0.2
	1BE	2.0	0.5	4.3	5.1	5.3	5.5	5.2	4.4	3.5	6.3	5.0	0.2
	1BG	2.1	0.5	4.3	5.0	5.4	5.4	5.2	4.3	3.9	6.4	5.1	0.2
	1BH	2.2	0.7	4.3	5.2	5.1	4.7	4.7	4.0	4.0	5.8	4.8	0.1
	1CA	4.0	0.2	3.3	5.5	3.4	4.7	4.7	6.3	1.9	4.2	4.4	0.2
	1CB	4.6	0.2	2.8	5.5	3.3	5.1	5.0	6.3	2.1	4.2	4.1	0.1
	1CC	5.5	0.2	2.8	6.1	3.7	5.4	5.6	5.6	2.3	4.3	4.5	0.2
	1CD	4.9	0.4	3.1	6.1	4.4	5.3	4.9	6.0	3.3	4.2	4.0	0.1
	1CE	3.3	0.5	3.3	5.1	4.5	5.1	4.3	5.4	4.2	4.7	4.4	0.1
	1DA	3.6	0.9	4.2	6.4	5.1	4.4	4.1	4.4	4.3	4.6	4.2	0.1
	1DB	2.5	0.9	4.6	5.8	4.8	3.9	4.0	3.5	3.6	5.0	4.2	0.1
	1DC	3.2	1.3	5.1	7.2	5.0	3.5	3.4	3.4	3.9	4.2	3.6	0.2
	1DD	3.2	1.6	5.3	7.7	5.2	3.3	3.0	3.1	4.0	3.9	3.2	0.2
	1EA	5.8	0.7	4.2	8.0	6.0	5.7	5.2	5.2	5.0	4.9	4.7	0.2
	1EB	5.5	1.2	5.1	8.8	6.3	5.3	4.9	4.6	5.4	5.4	4.8	0.4
	1EC	4.4	1.1	4.9	8.0	5.8	4.7	4.3	4.3	4.7	4.8	4.3	0.2
	1ED	4.1	1.9	5.8	8.7	6.0	4.6	3.2	3.6	5.1	4.5	3.9	0.4
	1EE	3.8	2.3	5.9	8.6	6.1	4.9	2.5	3.5	5.6	4.5	3.5	0.4
	1EF	4.1	2.3	5.4	7.8	5.9	4.6	2.2	3.3	5.5	4.4	3.8	0.4
	1EG	5.1	2.2	5.9	8.3	6.0	5.2	2.7	3.9	6.1	4.5	3.9	0.6
	1FA	5.8	0.2	2.9	6.8	4.2	5.5	6.1	5.0	3.0	4.2	4.7	0.3
	1FB	6.4	0.4	3.1	7.1	5.2	5.6	5.4	5.5	3.5	4.2	4.1	0.2
	1FC	7.1	0.5	3.4	7.7	5.7	5.7	5.6	5.0	4.0	4.2	4.3	0.3
	1FD	7.2	0.4	3.2	7.4	5.3	5.3	5.5	4.6	3.8	3.9	4.4	0.3
	1FE	7.3	1.1	4.6	8.2	6.0	5.4	4.7	4.5	5.9	4.6	4.5	0.7
	1FF	7.3	1.5	4.8	7.3	5.4	4.6	3.6	4.2	6.7	4.6	4.2	0.9
	1FG	5.8	2.3	5.2	6.7	5.1	4.5	2.0	3.3	5.9	4.4	4.2	0.6
LVSCA	1GA	6.2	0.4	3.7	7.8	4.6	4.9	5.5	3.9	3.6	4.0	5.0	0.8
	1GB	8.1	0.6	3.8	8.0	5.4	4.6	4.7	3.9	4.0	3.5	4.0	0.9
	1GC	7.0	1.0	4.4	8.0	4.7	4.9	5.0	3.4	4.3	5.3	5.9	1.3
	1GD	8.9	1.2	4.4	8.0	5.4	3.6	3.4	3.1	4.3	4.2	4.2	1.6
	1GE	9.7	1.7	4.2	7.6	5.2	3.9	3.2	3.3	4.4	5.0	4.6	1.5
	1GF	9.1	2.0	4.1	6.6	4.1	3.1	3.0	3.6	5.1	4.6	3.9	1.4
	1GG	7.6	0.8	4.2	8.2	5.4	4.8	4.6	3.1	4.3	5.0	5.5	1.4
	1HA1	8.4	1.1	3.9	6.7	4.7	3.7	3.7	4.2	6.1	3.9	3.6	1.2
	1HA2	8.6	1.2	3.9	6.6	4.2	3.0	3.2	3.9	5.2	3.4	3.2	1.3
	1HB1	6.8	2.1	4.9	6.1	4.6	4.0	2.4	3.4	6.2	4.3	4.1	0.8
	1HB2	8.6	1.5	4.2	5.8	4.2	3.2	2.8	3.9	7.0	4.1	3.6	1.3
	1HC	6.2	2.2	4.8	5.6	4.3	4.0	1.6	2.8	5.5	4.4	4.4	0.7
	1HD	8.3	2.3	4.6	6.6	6.4	4.1	2.9	3.1	6.7	5.7	4.8	1.5
	1HE	7.1	2.0	4.6	6.4	7.6	4.2	2.3	2.5	6.8	5.9	5.1	1.6
	1HF	4.7	1.8	3.9	5.2	4.9	2.9	1.7	1.5	3.9	4.2	4.8	1.4
	1HG	4.3	2.1	3.9	5.1	4.3	2.4	1.6	1.4	3.2	3.5	4.7	1.3
	1JA	9.4	2.3	4.4	7.6	4.3	4.9	4.2	2.9	5.1	5.9	6.1	1.3
	1JB	12.0	3.0	4.3	7.7	5.2	5.9	3.7	2.8	5.5	6.9	6.5	1.6
	1JC	10.8	2.0	4.4	8.1	6.3	5.9	4.1	3.1	5.3	7.0	6.5	1.7
	1JD	11.2	2.6	4.5	7.7	5.1	5.6	3.9	3.3	5.3	6.9	6.0	1.6
	1JE	10.5	3.8	4.3	7.2	4.4	4.7	3.4	2.3	5.8	5.4	5.8	1.1
	1JF	10.1	3.4	4.4	7.3	4.0	4.9	4.2	2.8	5.3	5.6	5.7	1.1
	1JG1	9.7	2.8	4.5	7.3	4.8	4.8	3.8	3.4	5.6	6.2	5.2	1.4
	1JG2	8.5	2.2	4.4	6.4	5.4	3.3	2.9	3.4	6.5	5.0	4.1	1.5
	1KA	5.6	2.4	4.8	6.9	8.8	3.8	2.2	1.9	6.0	5.7	5.5	1.7
	1KB	4.9	2.8	4.3	6.4	6.7	2.7	2.1	1.6	4.2	4.3	4.9	1.6
	1KC	5.7	3.7	4.7	7.2	7.0	2.6	2.7	1.7	4.3	4.3	5.0	1.7
	1LA1	9.5	3.1	3.9	6.8	3.1	4.0	3.5	2.5	5.0	4.7	5.8	0.9
	1LA2	8.4	4.1	4.6	7.4	6.0	3.5	3.0	1.9	5.3	4.6	5.3	1.4
	1LA3	8.4	2.6	3.2	5.0	3.3	2.1	2.2	1.2	2.7	2.4	4.1	1.0
	1LB1	8.7	3.0	3.5	6.2	2.0	3.4	3.2	2.3	4.2	3.9	4.8	0.8
	1LB2	9.0	3.1	2.9	5.4	3.1	3.0	2.7	1.7	4.2	3.6	4.1	1.1

Monthly Rainfall by Sub-basin

Year 2001 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.8	1.0	1.5	1.3	0.1	0.1	0.2	0.3	0.0	0.3	0.6	0.2
	2AB	0.6	0.9	1.1	1.1	0.1	0.1	0.2	0.3	0.0	0.3	0.3	0.1
	2BA	3.0	0.9	4.5	5.7	4.9	6.0	5.3	5.7	3.0	6.0	4.3	0.2
	2BB	2.2	0.7	3.7	4.5	3.5	4.2	3.2	4.4	1.7	4.1	3.0	0.1
	2BC	1.9	0.6	3.8	4.6	4.1	5.2	3.9	4.3	2.3	4.8	3.5	0.1
	2BD	0.8	0.4	1.7	2.1	0.9	1.3	0.6	1.5	0.2	1.0	0.7	0.0
	2CA	0.7	0.4	1.2	1.6	0.6	0.8	0.4	1.0	0.0	0.6	0.5	0.0
	2CB	3.8	0.5	4.3	5.9	2.7	4.5	5.3	5.8	1.7	4.2	5.5	0.3
	2CC	1.8	0.7	2.7	3.4	1.9	2.5	2.0	3.1	0.9	2.4	2.1	0.1
	2D	2.3	0.9	2.7	3.4	1.0	2.5	2.9	3.2	1.0	2.0	2.6	0.1
	2EA	2.9	0.4	4.8	5.6	2.3	3.8	3.9	6.1	1.7	2.8	3.8	0.6
	2EB	2.8	0.3	4.8	5.0	2.1	3.9	3.7	6.0	1.5	2.8	3.5	0.5
	2EC	3.2	0.6	4.7	5.8	1.7	3.3	4.6	5.0	2.4	3.3	4.2	0.6
	2ED	3.5	0.3	3.9	6.2	2.9	5.1	6.1	4.9	2.4	4.2	5.3	0.4
	2EE	3.4	0.5	4.6	4.2	2.2	4.6	4.5	5.6	1.5	4.4	4.2	0.3
	2EF	3.2	0.5	4.5	5.1	2.2	4.3	5.0	5.3	2.2	4.2	4.7	0.4
	2EG1	3.5	0.7	4.5	6.6	1.6	3.5	5.5	4.3	3.4	4.0	5.0	0.6
	2EG2	3.0	0.5	4.7	4.6	1.9	4.0	4.3	5.4	1.8	3.8	3.9	0.4
	2EH	3.1	0.7	4.7	5.0	1.7	4.3	5.2	5.3	1.5	3.9	4.5	0.3
	2EJ	2.1	0.1	3.5	3.8	0.8	2.7	3.1	3.2	1.1	2.0	2.3	0.1
	2EK	2.7	0.3	4.3	4.2	1.4	3.5	3.4	4.6	1.2	2.5	2.8	0.2
	2FA	2.7	0.6	4.2	4.9	1.5	3.1	2.9	3.1	2.2	3.2	3.6	0.6
	2FB	2.8	0.6	4.2	6.3	1.9	3.5	4.4	5.1	2.3	2.8	4.1	0.6
	2FC	2.8	0.8	4.1	5.2	1.4	3.3	3.8	3.9	2.6	3.6	3.6	0.5
	2GA	3.1	0.4	4.3	5.3	1.5	2.9	2.8	2.5	2.2	2.9	3.4	0.6
	2GB	2.7	0.4	4.6	5.7	1.9	3.1	3.2	3.0	2.5	3.0	3.8	0.7
	2GC	4.0	0.5	5.3	8.8	2.7	3.0	3.2	1.7	3.2	4.1	4.3	1.0
	2GD	4.7	0.7	4.6	6.8	1.8	2.6	2.2	1.6	2.1	3.5	3.3	0.9
	2H-1	9.1	1.1	5.6	5.3	1.8	1.7	1.0	0.6	0.8	1.5	4.9	1.0
	2H-2	10.3	0.8	7.2	4.2	1.7	1.4	0.6	0.3	0.4	0.7	6.1	0.7
	2H-3	9.8	0.5	6.4	3.8	1.1	1.0	0.5	0.1	0.2	0.4	6.4	1.6
	2J	0.6	0.9	1.1	1.4	0.3	0.2	0.3	0.6	0.0	0.4	0.3	0.1
	2KA	7.2	2.2	2.8	4.7	1.1	2.0	2.4	1.6	2.3	2.5	2.7	0.8
	2KB	8.7	1.5	3.3	4.0	1.4	1.6	1.2	0.7	1.0	1.2	3.4	0.7
	2KC	9.3	1.3	4.4	4.0	1.5	1.3	0.9	0.4	0.7	0.9	4.7	0.6
ACA	3AA	11.1	0.8	8.2	4.3	2.2	1.8	0.6	0.3	0.5	0.9	6.1	0.5
	3AB	9.0	0.4	6.5	3.6	0.9	0.8	0.5	0.1	0.2	0.4	6.7	1.0
	3AC	8.6	1.0	6.5	4.0	1.4	0.6	0.2	0.2	0.3	0.9	6.6	1.2
	3BA	11.3	1.1	8.3	5.3	2.7	1.7	0.5	0.5	0.6	1.4	6.5	0.7
	3BB	10.8	1.2	8.1	6.3	2.9	1.4	0.4	0.6	0.6	1.9	6.9	0.9
	3BC	10.7	1.3	7.9	8.0	3.3	1.6	0.8	0.8	0.8	2.4	7.3	1.2
	3BD	10.2	1.2	7.6	7.6	3.0	1.3	0.7	0.7	0.8	2.3	7.2	1.1
	3CB	10.1	1.3	7.2	7.2	2.7	1.0	0.6	0.7	0.6	2.2	7.5	1.1
	3DA	6.6	1.2	6.1	4.2	0.8	0.2	0.2	0.2	0.2	0.8	7.1	1.7
	3DB	3.9	0.4	4.7	3.0	0.4	0.5	0.2	0.1	0.1	0.2	9.4	2.6
	3EA	6.5	0.6	4.7	3.0	0.6	0.3	0.2	0.1	0.1	0.5	7.1	2.0
	3EB	5.7	0.4	4.9	2.8	0.5	0.4	0.3	0.2	0.1	0.3	8.5	2.6
	3EC	6.1	0.2	4.6	2.8	0.4	0.5	0.2	0.2	0.1	0.3	8.8	3.4
	3ED	4.4	0.1	4.8	3.2	0.3	0.6	0.2	0.2	0.1	0.2	10.2	3.7
	3FA	5.4	0.2	4.0	3.1	0.2	0.4	0.1	0.1	0.0	0.1	7.8	3.9
	3FB	1.1	0.1	2.1	2.7	0.2	0.2	0.0	0.0	0.0	0.1	7.6	3.9
	3G	3.1	0.9	1.8	3.3	0.7	0.3	0.0	0.0	0.0	0.2	5.0	2.1
	3HA	3.1	0.1	1.7	3.0	0.8	0.5	0.0	0.1	0.0	0.3	4.6	4.7
	3HB	2.1	0.4	1.2	2.0	2.5	1.3	0.6	0.4	0.7	0.6	3.5	2.9
	3HC	0.3	0.5	0.4	1.7	4.8	3.0	2.0	1.0	0.7	0.5	3.5	0.8
	3HD1	0.4	0.6	0.6	1.9	5.9	3.9	2.2	1.1	0.9	0.6	2.2	0.3
	3HD2	0.2	0.4	0.5	2.3	5.9	4.1	2.2	1.2	0.5	0.3	3.8	0.7
	3J	4.2	1.0	3.4	4.4	1.3	0.6	0.0	0.1	0.0	0.2	5.8	1.8
	3K	1.1	0.7	1.9	5.3	5.7	4.9	1.4	1.1	0.1	0.8	2.7	1.2
	3LA	2.1	0.5	1.3	2.1	3.0	1.6	0.6	0.5	0.9	0.7	3.5	2.6
	3LB	0.6	0.8	0.6	2.1	6.6	3.9	2.0	1.1	1.7	1.0	2.0	0.3
	3MA-1	3.0	0.4	2.5	3.3	1.7	1.4	0.1	0.2	0.0	0.5	6.7	3.6
	3MA-2	1.8	0.7	2.1	3.6	3.4	2.8	0.7	0.6	0.1	0.5	4.2	2.3
	3MB	1.1	0.6	1.4	4.3	5.2	4.2	1.2	1.0	0.4	0.8	2.3	1.2
	3MC	1.2	1.0	2.3	5.3	5.9	4.7	1.4	1.1	0.1	0.7	2.2	1.1
	3MD1	0.9	0.4	0.8	5.2	5.9	5.3	1.7	1.3	0.8	1.0	2.6	1.1
	3MD2	1.0	0.3	1.4	5.8	6.1	5.7	1.6	1.5	0.2	0.8	2.8	1.3
	3N	5.2	0.5	3.3	2.8	0.3	0.3	0.1	0.0	0.0	0.2	5.4	2.4

Monthly Rainfall by Sub-basin

Year 2001 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	4.1	0.7	3.3	9.6	2.2	1.0	0.8	0.6	0.3	2.3	6.7	1.6
	4AB	3.8	0.9	3.9	9.8	2.5	1.6	1.4	0.9	1.1	2.9	5.2	1.3
	4AC	4.7	1.1	4.4	11.4	2.9	1.8	1.5	0.9	1.3	3.3	5.4	1.4
	4AD	5.6	1.1	4.9	12.4	3.4	2.0	1.8	1.1	1.5	3.7	6.2	1.6
	4BA	5.1	0.7	4.3	11.0	2.6	1.0	0.6	0.5	0.2	2.2	7.3	1.4
	4BB	4.3	0.7	3.4	10.2	2.5	0.9	0.6	0.4	0.2	2.0	7.1	1.6
	4BC	4.4	0.4	4.3	10.0	2.5	0.9	0.5	0.4	0.1	1.7	7.5	1.2
	4BD	7.0	1.0	5.5	13.0	3.5	1.8	1.5	1.0	1.1	3.5	7.6	1.6
	4BE	7.8	1.0	5.9	12.1	3.2	1.4	1.0	0.9	0.6	2.9	8.3	1.5
	4BF	7.8	0.8	6.2	8.0	2.0	0.6	0.3	0.4	0.2	1.8	7.9	0.9
	4BG	5.4	0.7	6.3	7.8	1.0	0.5	0.1	0.2	0.1	1.2	7.5	1.0
	4CA	9.3	1.3	6.7	12.1	3.9	2.2	1.9	1.4	1.6	4.0	7.6	1.6
	4CB	10.4	1.4	6.9	11.8	3.8	1.6	1.2	1.1	0.9	3.5	8.5	1.6
	4CC	7.0	1.2	6.7	6.2	1.1	0.3	0.1	0.3	0.1	1.3	7.3	1.1
	4DA	3.9	0.3	4.6	10.0	2.3	0.8	0.5	0.4	0.1	1.6	8.5	1.4
	4DB	4.2	0.2	4.9	10.7	2.7	0.8	0.6	0.5	0.2	2.2	9.9	1.6
	4DC	4.4	0.2	5.1	11.5	3.0	0.8	0.7	0.6	0.3	2.7	10.7	1.6
	4DD	3.0	0.2	5.0	8.9	1.6	0.6	0.3	0.3	0.1	1.2	9.1	1.7
	4DE	3.5	0.7	5.6	6.8	0.4	0.3	0.1	0.1	0.1	0.6	7.5	1.8
	4EA	4.6	0.1	6.3	11.9	1.6	0.7	0.5	0.6	0.3	3.2	15.4	3.1
	4EB	4.8	0.2	6.2	12.8	2.1	0.7	0.7	0.6	0.4	4.0	14.5	2.5
	4EC	3.6	0.2	5.6	10.6	2.1	0.7	0.6	0.4	0.2	2.7	11.6	2.3
	4ED	2.0	0.3	4.6	5.5	0.5	0.4	0.1	0.1	0.0	0.6	9.4	2.6
	4FA	3.7	0.2	6.2	10.3	1.3	0.7	0.3	0.4	0.3	1.9	14.8	3.6
	4FB	2.5	0.2	5.9	9.4	1.2	0.7	0.2	0.2	0.1	1.2	13.5	3.7
	4GA	1.7	0.2	4.5	7.8	0.8	0.6	0.1	0.1	0.1	0.7	11.7	2.9
	4GB	0.8	0.1	3.6	5.9	0.6	0.5	0.1	0.0	0.0	0.4	9.3	2.9
	4GC	0.2	0.1	1.2	2.4	0.3	0.2	0.1	0.0	0.0	0.1	5.1	1.9
	4GD	0.5	0.1	1.8	2.6	0.7	0.3	0.2	0.1	0.1	0.2	5.7	2.2
	4GE	0.5	0.1	2.8	3.1	0.6	0.4	0.2	0.1	0.0	0.2	7.4	2.7
	4GF	0.3	0.0	2.1	2.6	1.8	0.9	0.5	0.2	0.2	0.1	6.4	2.6
	4GG	0.3	0.1	0.7	1.8	6.9	3.0	1.6	0.7	0.7	0.1	3.8	1.3
	4HA	1.2	0.1	3.5	3.5	0.1	0.4	0.1	0.0	0.0	0.1	9.8	3.5
	4HB	0.2	0.1	2.0	2.8	1.6	0.8	0.5	0.2	0.1	0.1	7.0	3.1
	4HC	1.6	0.2	1.3	2.2	1.6	1.0	0.6	0.3	0.1	0.2	4.6	3.3
	4JA	0.1	0.1	0.8	2.0	2.8	1.0	0.3	0.1	0.4	0.1	4.3	1.6
	4JB	0.2	0.1	0.8	1.8	9.8	3.5	1.0	0.6	1.4	0.1	4.9	1.5
	4KA	0.2	0.0	0.8	1.7	7.4	2.7	0.8	0.4	1.0	0.1	4.5	1.5
	4KB	0.2	0.0	0.8	1.8	7.5	2.7	0.9	0.4	1.0	0.1	4.1	1.6
ENNCA	5AA	2.8	0.3	4.7	5.2	1.8	3.5	3.3	5.4	1.5	1.9	3.9	0.6
	5AB	3.0	0.3	4.6	4.7	1.4	3.1	3.1	4.6	1.5	1.9	4.0	0.6
	5AC	2.4	0.1	3.6	4.2	0.7	2.4	2.2	3.3	1.3	1.5	3.1	0.3
	5AD	3.0	0.3	4.0	3.7	0.6	2.2	2.4	3.3	1.1	1.7	3.8	0.4
	5BA	3.2	0.7	3.7	7.5	1.9	1.5	1.7	1.1	0.9	2.6	4.8	1.1
	5BB	2.9	0.6	4.2	6.6	1.8	2.0	2.3	1.9	1.4	2.7	4.4	0.8
	5BC-1	3.4	0.4	4.1	5.0	1.3	1.7	2.1	2.1	0.8	2.3	4.9	0.7
	5BC-2	3.1	0.2	3.8	3.3	0.7	1.7	2.2	2.4	1.1	1.9	3.9	0.3
	5BD	3.2	0.4	4.5	3.9	1.0	2.6	2.9	3.7	1.2	1.9	4.2	0.5
	5BE	4.0	0.2	4.0	4.3	1.0	1.0	1.6	1.6	0.8	2.1	6.8	1.1
	5CA	1.9	0.1	2.4	3.0	0.4	2.1	2.5	2.6	1.1	1.3	2.4	0.1
	5CB	2.2	0.7	2.1	2.7	0.3	1.7	2.0	2.3	1.0	1.1	2.7	0.3
	5CC	2.3	1.0	2.0	2.9	0.3	2.0	2.4	2.5	1.0	1.2	2.7	0.2
	5DA	4.1	0.7	4.0	4.9	0.6	0.3	0.3	0.8	0.5	1.1	9.0	2.1
	5DB	3.5	0.5	3.5	3.3	0.6	0.6	1.1	1.3	0.8	1.5	5.8	1.1
	5DC	2.0	0.1	3.1	3.4	0.4	1.4	1.7	2.3	1.1	1.6	3.2	0.3
	5DD	2.4	0.4	2.6	3.0	0.3	1.2	1.5	1.9	1.0	1.2	3.4	0.5
	5EA	0.1	0.3	1.2	2.8	0.3	0.1	0.0	0.1	0.2	0.3	3.0	0.7
	5EB	0.4	0.4	2.3	3.6	0.3	0.2	0.1	0.3	0.2	0.4	3.6	0.8
	5EC	1.3	0.5	2.4	4.2	0.3	0.5	0.5	0.7	0.2	0.6	4.9	1.1
	5ED	1.5	0.4	3.3	5.9	0.6	0.4	0.1	0.2	0.2	0.5	8.4	2.1
	5FA	0.3	0.1	1.8	3.7	0.4	0.3	0.1	0.0	0.1	0.2	5.8	1.8
	5FB	0.0	0.2	0.9	2.5	0.3	0.1	0.0	0.0	0.1	0.2	4.1	1.2
	5G	0.1	0.2	1.0	2.8	0.1	0.1	0.1	0.2	0.2	0.3	1.8	0.4
	5HA	0.0	0.0	0.4	1.4	0.1	0.1	0.0	0.1	0.1	0.3	0.6	0.2
	5HB	0.1	0.1	0.8	1.9	0.1	0.1	0.1	0.2	0.1	0.3	0.7	0.2
	5J	1.1	0.6	2.4	2.8	0.1	0.3	0.3	0.5	0.1	0.4	2.2	0.5

Monthly Rainfall by Sub-basin

Year 2002 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.3	1.1	3.6	7.6	6.8	2.6	1.6	1.8	2.8	4.3	4.0	4.7
	1AB	0.9	0.8	3.3	5.9	6.6	2.8	1.8	2.0	2.1	3.7	2.7	4.9
	1AC	1.1	0.7	2.8	6.2	7.7	3.1	1.6	1.9	2.5	3.8	3.4	5.5
	1AD	1.8	1.4	4.0	9.2	7.3	3.2	1.7	2.4	3.4	5.4	5.5	4.8
	1AE	2.2	2.1	5.2	11.7	6.5	2.9	1.6	2.6	3.4	6.7	6.4	3.7
	1AF	1.7	1.3	4.0	8.8	7.4	3.0	1.5	2.3	3.5	5.0	5.6	4.7
	1AG	1.9	1.2	4.4	9.2	7.2	2.9	1.6	2.6	3.9	4.9	6.4	4.6
	1AH	2.4	1.6	4.9	11.2	6.0	2.6	1.6	2.7	3.8	5.7	7.2	4.0
	1BA	1.6	0.3	2.8	3.8	5.2	2.2	1.5	2.1	0.5	4.3	2.3	7.3
	1BB	1.0	0.6	3.1	3.6	4.9	2.4	1.5	3.0	1.0	4.8	2.0	5.3
	1BC	0.9	1.0	2.9	4.0	5.0	2.6	1.7	3.4	1.4	4.1	1.6	4.9
	1BD	1.2	0.6	3.1	4.5	5.5	2.7	2.3	2.7	0.8	3.6	1.6	6.3
	1BE	0.9	1.1	3.3	4.4	4.9	3.0	2.3	3.4	1.3	3.6	1.3	4.7
	1BG	1.0	0.8	3.7	4.9	5.3	3.4	2.6	3.1	1.3	3.7	1.3	5.0
	1BH	1.0	0.7	3.5	5.3	6.0	3.4	2.5	2.7	1.5	3.6	1.7	5.4
	1CA	1.7	0.6	2.2	4.7	5.8	2.2	2.2	2.6	0.4	2.7	2.0	9.2
	1CB	1.9	0.8	2.0	5.1	6.2	2.2	2.3	3.0	0.5	2.1	2.1	11.0
	1CC	2.7	0.9	2.5	5.0	5.8	2.4	2.0	4.5	0.8	1.8	2.5	11.1
	1CD	2.2	0.9	2.6	5.4	7.1	3.6	3.0	4.4	1.1	3.4	2.3	7.9
	1CE	1.5	0.6	3.1	6.1	7.4	4.0	2.9	3.0	1.6	3.9	2.1	7.2
	1DA	1.8	0.7	3.2	6.7	8.6	4.8	2.8	3.7	2.1	4.8	3.4	7.4
	1DB	1.0	0.6	3.1	5.6	7.0	3.4	2.1	2.4	2.0	3.7	2.6	5.6
	1DC	1.5	0.7	3.5	6.7	8.3	3.8	2.0	3.0	2.8	4.3	4.4	6.0
	1DD	1.6	0.8	3.8	7.6	8.0	3.3	1.7	2.8	3.5	4.4	5.4	5.4
	1EA	2.8	1.0	4.6	7.6	9.1	5.6	3.3	6.2	2.3	5.4	4.7	7.6
	1EB	2.5	0.9	5.8	8.6	9.3	5.0	2.6	5.3	3.3	5.6	6.5	6.4
	1EC	2.2	0.8	4.1	7.6	9.2	5.5	2.9	4.9	2.7	5.6	5.0	7.3
	1ED	2.4	0.9	5.0	9.2	7.7	4.0	2.2	3.9	4.2	5.0	7.2	5.5
	1EE	2.7	1.0	5.0	10.8	5.9	2.9	1.9	3.1	4.8	4.7	8.4	4.6
	1EF	2.7	1.1	4.9	10.8	5.6	2.5	1.7	3.0	3.9	4.8	8.0	4.3
	1EG	3.2	0.8	5.8	10.6	6.2	3.2	2.2	3.8	4.7	4.4	8.8	5.1
	1FA	3.3	1.0	3.0	5.0	5.8	2.9	2.1	6.1	1.1	2.1	2.8	9.9
	1FB	3.2	1.2	3.6	5.8	7.1	3.9	3.0	6.4	1.5	3.5	3.3	7.6
	1FC	3.8	1.3	4.2	6.1	6.8	3.9	2.9	7.0	1.8	3.3	3.7	7.6
	1FD	4.2	1.4	4.1	5.4	5.7	3.4	2.6	6.8	1.7	2.8	3.7	6.9
	1FE	3.6	1.1	6.1	8.5	8.1	4.4	3.0	6.0	2.9	4.7	6.2	6.5
	1FF	3.7	1.0	6.8	9.5	7.2	3.3	2.4	4.3	3.6	4.2	7.5	5.3
	1FG	3.2	0.8	5.4	10.3	5.3	2.1	1.8	3.6	3.4	3.8	8.7	4.6
LVSCA	1GA	3.8	1.0	4.6	4.8	5.5	3.1	2.1	6.0	1.4	3.2	4.6	7.0
	1GB	5.0	1.5	6.1	6.1	5.5	3.2	2.7	5.3	1.7	3.5	6.0	6.5
	1GC	3.8	0.9	5.4	5.1	7.0	2.9	2.3	5.3	1.4	3.5	5.5	7.3
	1GD	5.6	1.3	7.3	5.9	5.7	2.8	2.1	3.6	2.0	4.6	8.4	6.2
	1GE	5.9	1.4	6.6	6.0	6.6	2.9	2.3	3.8	2.1	4.9	8.4	6.1
	1GF	5.8	1.4	6.4	6.4	6.5	2.5	2.2	3.0	2.3	4.6	7.9	5.4
	1GG	4.1	1.0	5.9	5.2	6.1	3.1	2.0	5.2	1.7	3.8	6.2	6.9
	1HA1	4.8	1.3	7.0	7.9	6.5	2.7	2.4	4.0	2.7	3.8	7.0	5.5
	1HA2	5.6	1.3	6.9	7.0	5.7	2.4	2.3	3.1	2.4	4.0	7.6	5.5
	1HB1	3.5	0.7	6.0	9.8	5.5	2.2	1.9	3.3	3.4	3.5	8.4	4.7
	1HB2	4.3	1.1	7.3	9.1	6.4	2.3	2.1	2.7	3.3	3.6	7.7	4.8
	1HC	3.1	0.7	5.4	9.8	4.8	1.8	1.6	3.2	3.1	3.5	8.1	4.6
	1HD	5.3	1.9	6.8	7.8	7.5	2.8	2.5	3.4	2.3	5.1	7.2	4.9
	1HE	4.6	1.9	7.0	8.6	7.4	3.0	2.3	3.2	2.4	5.6	6.9	4.7
	1HF	2.2	1.1	5.9	8.4	5.6	2.5	1.3	1.9	2.3	4.8	5.1	4.2
	1HG	2.0	0.7	5.2	8.1	5.5	2.4	1.2	1.7	2.0	3.7	5.0	4.0
	1JA	4.2	1.3	5.5	6.1	8.6	2.8	3.0	4.8	1.5	3.2	5.8	6.7
	1JB	4.7	1.7	5.7	7.3	9.3	3.2	3.6	5.4	2.0	3.7	6.5	6.1
	1JC	4.7	1.4	5.8	6.7	8.7	3.4	3.2	5.6	2.0	4.1	6.7	6.9
	1JD	5.2	1.6	5.8	6.9	8.7	3.3	3.3	5.2	2.1	4.4	6.9	6.2
	1JE	4.8	2.0	5.4	7.0	8.2	2.4	3.1	3.4	1.4	3.2	6.0	4.6
	1JF	4.5	1.8	5.4	6.8	8.7	2.6	3.5	4.4	1.6	3.1	5.5	5.4
	1JG1	5.4	1.8	5.9	6.8	8.3	3.0	3.1	4.5	2.0	4.6	6.8	5.4
	1JG2	5.6	1.7	6.9	7.3	7.1	2.5	2.4	3.0	2.4	4.8	7.5	4.8
	1KA	4.4	1.9	6.7	8.4	8.2	3.4	2.3	3.0	1.9	5.6	6.4	4.5
	1KB	3.4	1.2	5.5	7.4	7.8	2.9	2.0	1.9	1.4	3.8	5.0	4.0
	1KC	4.1	1.2	5.2	6.7	8.2	2.7	2.1	1.7	0.9	3.1	5.4	4.1
	1LA1	4.3	1.6	5.0	6.5	8.6	2.3	3.0	3.7	1.1	2.6	5.6	5.9
	1LA2	4.8	1.7	5.2	6.6	7.8	2.5	2.4	2.4	1.2	3.2	6.0	4.5
	1LA3	4.9	1.5	4.0	5.9	6.6	0.9	0.9	0.7	0.8	2.4	5.7	5.0
	1LB1	4.3	1.6	4.5	5.9	7.6	1.8	2.4	2.8	0.9	2.3	5.4	5.7
	1LB2	5.1	1.7	4.1	5.7	6.3	1.1	1.2	1.2	1.0	2.3	5.9	4.9

Monthly Rainfall by Sub-basin

Year 2002 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.6	0.0	1.6	1.8	3.0	0.1	0.0	0.0	0.0	0.8	0.9	2.1
	2AB	0.8	0.0	1.7	1.3	3.3	0.1	0.0	0.0	0.0	0.9	0.7	1.5
	2BA	0.8	0.7	2.8	3.8	4.8	2.5	1.4	3.2	1.3	4.5	1.8	4.9
	2BB	0.5	0.5	2.4	2.6	3.4	2.0	0.8	1.8	1.0	3.7	1.7	3.4
	2BC	0.6	0.8	2.5	3.2	3.8	2.3	1.2	2.3	1.2	3.5	1.5	3.7
	2BD	0.3	0.0	2.1	1.3	2.3	1.0	0.1	0.2	0.3	1.9	0.8	0.9
	2CA	0.4	0.0	2.1	1.2	2.5	0.7	0.0	0.0	0.2	1.5	0.6	0.7
	2CB	2.3	0.3	3.0	4.8	5.8	2.3	1.4	2.2	0.3	2.6	2.3	10.8
	2CC	0.6	0.1	2.4	2.0	2.9	1.5	0.4	1.0	0.5	2.9	1.3	2.5
	2D	0.8	0.1	2.6	2.7	3.1	1.3	0.5	1.8	0.4	2.2	1.5	3.5
	2EA	1.9	0.2	3.9	4.4	3.9	2.2	1.5	2.9	0.4	2.3	2.1	6.6
	2EB	1.9	0.1	4.0	3.9	3.9	2.1	1.1	2.6	0.3	1.8	1.8	6.4
	2EC	2.1	0.3	3.9	4.5	5.1	2.1	1.9	3.0	0.6	2.4	2.4	7.0
	2ED	2.4	0.4	3.3	3.9	5.5	2.4	1.7	5.4	0.4	2.0	2.3	8.7
	2EE	2.2	0.2	4.4	3.5	4.6	2.2	0.9	1.9	0.2	1.5	1.7	8.4
	2EF	2.1	0.2	4.2	3.5	4.9	2.2	1.4	3.7	0.3	1.8	2.0	7.3
	2EG1	2.5	0.4	4.2	4.1	6.6	2.1	2.2	3.9	0.5	2.3	2.9	7.8
	2EG2	2.0	0.2	4.3	3.4	4.4	2.1	1.2	2.5	0.3	1.8	1.8	6.7
	2EH	2.6	0.3	3.5	3.9	5.6	2.2	1.1	1.6	0.2	2.1	1.7	8.6
	2EJ	1.2	0.1	3.2	3.2	3.6	1.3	0.7	1.6	0.2	1.4	1.6	4.1
	2EK	1.6	0.1	3.8	3.4	3.9	1.7	0.8	1.8	0.2	1.4	1.6	5.1
	2FA	2.3	0.3	3.3	6.0	3.9	2.4	1.9	1.6	0.6	3.0	2.7	4.9
	2FB	1.8	0.4	3.6	5.4	4.3	2.4	2.2	2.7	0.6	3.1	2.6	6.4
	2FC	2.4	0.4	3.6	5.4	4.8	2.0	1.9	2.2	0.5	2.6	2.6	5.9
	2GA	2.2	0.3	3.4	5.4	4.0	2.6	1.7	1.5	0.5	2.9	2.6	4.6
	2GB	2.1	0.4	3.5	5.6	4.2	2.7	1.9	1.8	0.6	3.4	2.9	5.0
	2GC	2.6	1.0	3.8	7.0	6.6	2.7	1.6	1.8	0.8	5.1	4.7	5.1
	2GD	2.9	0.9	3.5	6.2	5.5	2.2	1.2	1.3	0.6	3.2	3.8	4.7
	2H-1	3.2	1.5	3.3	6.3	5.9	0.4	0.5	0.4	0.7	2.6	5.1	6.1
	2H-2	2.5	1.3	3.2	6.2	6.1	0.0	0.3	0.2	0.6	2.5	4.8	6.2
	2H-3	2.4	1.1	2.7	5.2	5.6	0.0	0.2	0.1	0.6	2.0	4.2	5.7
	2J	0.6	0.0	1.8	1.3	3.1	0.3	0.0	0.0	0.0	1.1	0.7	1.3
	2KA	4.6	1.5	3.7	5.0	5.8	0.8	1.0	1.2	0.5	1.8	5.0	5.8
	2KB	4.6	1.4	3.3	5.5	5.7	0.1	0.2	0.2	0.5	2.0	5.1	5.9
	2KC	4.2	1.4	3.1	5.6	6.0	0.0	0.2	0.1	0.6	2.3	5.1	6.0
ACA	3AA	1.8	1.4	3.4	6.7	5.8	0.0	0.4	0.2	0.8	2.5	5.0	6.8
	3AB	2.3	0.9	2.9	5.2	5.5	0.0	0.1	0.1	0.5	2.2	4.2	5.6
	3AC	1.9	0.8	4.6	7.2	5.2	0.1	0.2	0.2	0.8	2.1	5.5	6.9
	3BA	1.6	1.6	4.6	8.5	6.4	0.2	0.5	0.3	1.1	2.9	6.0	7.7
	3BB	1.7	1.7	5.2	9.5	7.2	0.3	0.6	0.5	1.2	3.3	6.9	7.8
	3BC	2.0	1.8	5.2	10.4	8.1	0.7	0.7	0.7	1.3	4.1	7.4	7.8
	3BD	1.9	1.7	5.4	10.3	8.0	0.6	0.7	0.7	1.3	3.9	7.2	7.6
	3CB	1.8	1.5	5.8	10.5	8.0	0.6	0.5	0.6	1.5	3.8	6.9	7.6
	3DA	2.2	0.5	4.8	7.5	4.2	0.1	0.1	0.1	0.5	2.1	6.0	7.3
	3DB	2.5	0.5	4.7	7.1	2.3	0.0	0.1	0.3	0.4	2.4	7.3	10.9
	3EA	2.5	0.4	3.9	5.2	3.5	0.0	0.1	0.2	0.3	1.5	5.6	7.6
	3EB	2.5	0.3	4.4	5.1	2.8	0.0	0.2	0.4	0.4	1.7	6.6	10.3
	3EC	2.4	0.5	4.3	4.4	2.8	0.0	0.2	0.4	0.6	1.5	6.7	11.0
	3ED	2.4	0.5	5.1	5.3	2.4	0.0	0.2	0.5	0.6	2.1	7.5	12.8
	3FA	1.9	0.8	3.6	3.5	2.9	0.0	0.1	0.2	0.7	1.2	5.0	7.6
	3FB	1.3	0.5	3.6	1.9	0.6	0.0	0.1	0.3	1.0	1.4	3.4	6.5
	3G	2.2	0.9	3.3	2.6	0.5	0.1	0.3	0.8	1.8	2.5	4.0	4.8
	3HA	2.2	0.2	1.8	2.4	0.8	0.1	0.4	0.6	2.0	2.5	4.5	4.9
	3HB	1.9	0.4	1.8	1.6	1.8	0.7	0.7	1.3	3.2	5.6	3.7	3.7
	3HC	0.9	0.5	2.7	1.3	3.0	1.4	1.0	2.0	3.9	6.8	2.3	2.8
	3HD1	1.3	0.4	2.3	1.6	3.3	1.9	1.1	2.4	4.8	7.8	1.5	2.9
	3HD2	0.7	0.4	2.8	1.9	3.8	1.6	1.2	2.4	4.0	6.6	2.2	2.9
	3J	2.9	0.9	3.3	3.7	0.6	0.2	0.4	1.1	1.9	3.0	4.0	4.4
	3K	2.5	1.3	3.0	3.6	2.8	0.8	1.3	2.7	5.9	6.9	3.5	5.2
	3LA	2.3	0.7	1.8	2.3	2.1	0.8	0.8	1.3	3.4	6.2	3.9	3.7
	3LB	1.2	0.5	2.2	2.4	3.6	1.9	1.4	2.6	4.8	8.0	1.6	2.9
	3MA-1	3.4	0.7	2.9	4.3	1.2	0.3	0.5	1.0	3.1	4.5	4.8	4.6
	3MA-2	3.2	1.2	2.9	3.2	2.0	0.6	0.8	1.8	4.6	6.5	4.2	5.1
	3MB	2.2	1.3	2.2	3.1	3.1	0.9	1.4	2.2	5.1	7.3	3.0	4.2
	3MC	2.5	1.6	3.1	3.2	2.9	0.8	1.3	2.8	6.1	7.4	3.4	5.7
	3MD1	1.6	0.8	1.5	4.9	4.1	1.1	2.2	2.0	4.1	6.1	3.6	2.7
	3MD2	1.8	0.9	2.5	4.7	3.4	0.7	1.7	2.7	5.2	5.6	3.4	3.7
	3N	2.0	1.1	3.1	3.2	2.9	0.1	0.1	0.2	0.9	1.5	4.1	5.5

Monthly Rainfall by Sub-basin

Year 2002 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.2	0.6	2.8	9.3	5.3	1.0	0.5	1.1	1.1	6.5	4.9	4.7
	4AB	1.6	1.0	2.7	7.3	5.2	1.5	0.8	1.3	0.9	6.0	4.1	5.0
	4AC	2.0	1.4	3.0	8.4	6.2	1.6	0.8	1.4	1.0	7.1	4.8	5.4
	4AD	2.3	1.5	3.4	9.7	7.5	1.8	0.9	1.5	1.1	7.3	6.0	5.7
	4BA	1.2	0.9	3.9	12.5	6.7	0.9	0.5	1.0	0.9	6.6	6.6	4.8
	4BB	1.1	0.6	3.2	11.5	6.0	0.9	0.5	1.2	1.1	6.8	5.7	4.7
	4BC	1.1	0.6	4.2	14.6	6.7	0.7	0.4	1.0	0.8	6.2	6.4	4.4
	4BD	2.1	1.6	4.3	12.9	8.6	1.5	0.9	1.3	1.1	7.2	7.5	5.8
	4BE	2.0	1.4	5.1	14.5	8.9	1.1	0.6	1.0	1.2	6.2	7.6	6.0
	4BF	1.4	0.9	6.1	13.0	7.5	0.4	0.3	0.4	1.2	4.4	6.7	6.0
	4BG	1.7	0.5	5.6	12.3	6.1	0.2	0.1	0.2	0.6	3.7	5.6	5.5
	4CA	2.7	1.9	4.9	11.9	9.8	1.7	1.1	1.4	1.4	6.1	7.9	7.1
	4CB	2.3	1.9	5.5	13.2	10.1	1.3	0.8	1.1	1.6	5.9	8.4	7.5
	4CC	1.7	0.6	5.6	10.1	5.9	0.2	0.1	0.2	0.9	3.0	5.9	6.7
	4DA	1.3	0.5	4.2	15.5	6.7	0.6	0.4	0.9	0.7	5.6	5.7	4.5
	4DB	1.3	0.5	4.2	17.7	7.1	0.5	0.5	1.1	0.9	6.4	6.7	4.8
	4DC	1.3	0.5	4.2	19.1	7.4	0.5	0.5	1.2	1.0	7.0	7.3	4.9
	4DD	1.2	0.3	3.9	14.5	6.3	0.3	0.2	0.6	0.5	4.0	5.6	5.7
	4DE	1.6	0.3	4.1	9.6	4.8	0.2	0.0	0.1	0.2	2.6	5.5	6.6
	4EA	1.9	0.4	7.1	20.0	5.6	0.1	0.4	0.6	1.2	10.0	10.5	7.3
	4EB	1.8	0.5	5.8	19.3	6.3	0.2	0.5	0.9	1.0	8.9	10.4	6.4
	4EC	1.5	0.4	4.6	17.4	6.3	0.3	0.4	0.8	0.6	5.7	8.1	5.9
	4ED	1.5	0.4	4.1	11.4	3.7	0.1	0.1	0.2	0.3	2.9	7.5	7.6
	4FA	1.9	0.3	7.8	20.2	5.1	0.1	0.2	0.3	1.1	9.6	9.6	7.7
	4FB	1.9	0.2	7.5	19.4	4.5	0.1	0.1	0.2	0.6	7.8	8.9	7.6
	4GA	1.4	0.1	5.8	16.0	3.2	0.0	0.1	0.1	0.5	7.4	7.2	7.0
	4GB	1.1	0.1	4.6	13.0	2.3	0.0	0.1	0.2	0.7	4.7	7.1	6.2
	4GC	0.2	0.1	1.5	6.1	0.4	0.2	0.4	0.2	1.1	2.2	4.6	3.6
	4GD	0.6	0.2	2.0	6.7	1.1	0.4	0.5	0.3	0.9	2.2	5.1	4.6
	4GE	1.2	0.3	3.1	7.8	1.6	0.4	0.4	0.2	0.6	2.4	6.2	7.0
	4GF	1.0	0.3	2.5	5.1	1.9	0.8	0.7	0.5	0.6	2.5	4.4	6.9
	4GG	0.4	0.4	1.3	2.5	4.4	1.7	1.1	1.8	1.9	4.9	2.1	4.4
	4HA	1.9	0.5	4.7	6.3	1.6	0.0	0.1	0.2	0.5	2.4	6.5	10.4
	4HB	1.1	0.3	3.2	3.4	1.8	0.5	0.5	0.6	0.8	2.6	4.1	7.5
	4HC	1.5	0.3	2.3	1.6	1.5	0.4	0.5	0.9	2.2	3.7	3.7	5.0
	4JA	0.1	0.1	0.8	4.5	1.5	1.1	0.7	0.5	1.0	1.9	2.7	3.0
	4JB	0.2	0.2	0.5	3.1	5.2	2.9	1.3	1.4	1.1	3.1	1.4	3.3
	4KA	0.1	0.2	0.5	3.2	4.0	2.4	1.1	1.1	1.1	2.6	1.7	3.3
	4KB	0.2	0.2	0.5	3.1	4.1	2.3	1.2	1.2	1.0	2.9	1.6	3.4
ENNCA	5AA	1.4	0.1	3.5	5.3	3.9	2.1	1.5	2.8	0.3	1.9	2.2	6.0
	5AB	1.1	0.1	3.6	5.8	3.9	2.2	1.6	2.5	0.3	1.9	2.3	5.4
	5AC	0.6	0.1	3.2	5.2	3.4	1.2	1.1	1.7	0.3	1.2	2.3	3.9
	5AD	0.5	0.0	3.3	5.7	3.6	1.5	1.3	1.7	0.3	1.4	2.3	4.3
	5BA	1.2	0.7	2.5	6.1	4.4	1.3	0.9	1.2	0.8	4.4	3.1	4.6
	5BB	1.2	0.6	2.8	5.9	4.3	1.7	1.2	1.5	0.6	3.9	2.7	4.8
	5BC-1	0.8	0.3	2.8	5.9	3.9	1.4	1.1	1.2	0.6	3.1	2.8	4.6
	5BC-2	0.4	0.0	2.8	5.2	3.4	1.1	1.2	1.2	0.4	1.5	2.3	3.9
	5BD	0.8	0.1	3.4	5.9	3.9	2.0	1.5	2.0	0.4	1.8	2.2	5.0
	5BE	0.7	0.3	3.2	7.1	3.7	0.7	0.8	0.6	0.9	4.7	4.6	5.3
	5CA	0.4	0.0	2.6	3.3	2.8	0.8	0.6	2.1	0.5	1.4	1.8	2.9
	5CB	0.5	0.0	2.6	3.7	2.6	0.6	0.5	1.9	0.5	1.7	1.9	3.3
	5CC	0.4	0.0	2.6	3.6	2.6	0.8	0.5	2.1	0.5	1.5	1.6	3.2
	5DA	1.4	0.4	4.9	10.8	3.4	0.1	0.1	0.1	1.0	7.3	6.0	7.3
	5DB	0.9	0.3	3.2	6.1	3.0	0.3	0.5	0.4	0.7	4.2	4.1	5.8
	5DC	0.4	0.0	2.6	4.1	3.0	0.7	0.7	1.3	0.3	1.4	2.6	4.1
	5DD	0.6	0.1	2.7	4.3	2.7	0.4	0.4	1.3	0.5	2.2	2.5	4.2
	5EA	0.1	0.0	0.8	7.5	0.5	0.1	0.1	0.0	0.4	2.2	0.9	2.5
	5EB	0.2	0.0	1.3	7.1	1.0	0.2	0.1	0.1	0.5	2.5	0.9	3.4
	5EC	0.5	0.1	2.6	7.1	1.6	0.2	0.2	0.5	0.3	2.7	1.8	5.9
	5ED	1.0	0.1	3.9	12.0	2.2	0.0	0.1	0.1	0.5	5.9	4.3	6.1
	5FA	0.3	0.0	1.7	8.2	0.7	0.2	0.2	0.1	0.6	3.4	3.5	3.9
	5FB	0.1	0.0	0.6	7.0	0.1	0.2	0.1	0.1	0.5	2.3	1.9	2.6
	5G	0.1	0.0	0.7	6.6	0.7	0.2	0.0	0.0	0.4	2.6	1.1	1.8
	5HA	0.1	0.0	0.4	4.9	0.4	0.1	0.0	0.0	0.2	2.7	2.3	1.2
	5HB	0.1	0.0	0.6	5.8	0.7	0.2	0.0	0.0	0.4	2.8	1.7	1.6
	5J	0.4	0.0	1.7	3.8	1.8	0.2	0.1	0.3	0.2	1.1	1.1	3.8

Monthly Rainfall by Sub-basin

Year 2003 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.2	1.8	3.4	8.4	8.8	4.9	4.3	5.0	3.7	2.8	2.7	1.5
	1AB	0.8	1.4	2.4	8.4	8.8	5.1	4.6	5.3	3.5	2.0	2.2	1.3
	1AC	0.8	1.8	2.1	8.4	10.0	5.6	5.0	5.2	3.9	2.3	2.2	1.6
	1AD	1.7	2.2	4.2	8.9	9.5	5.7	4.6	4.9	3.9	3.5	3.2	2.2
	1AE	2.3	2.4	5.3	9.0	8.0	4.7	4.0	4.5	3.8	4.4	4.1	2.3
	1AF	1.5	2.2	3.9	8.6	9.9	5.7	4.6	5.3	3.8	3.4	3.1	2.0
	1AG	1.7	2.1	4.4	8.4	9.7	5.9	4.4	5.3	3.7	3.6	3.1	1.9
	1AH	2.2	2.1	5.8	8.7	7.2	4.8	3.3	3.7	3.4	4.2	3.9	2.1
	1BA	0.5	0.2	2.5	8.9	6.1	3.2	3.5	6.5	0.7	0.7	2.0	1.4
	1BB	0.6	0.2	2.5	9.4	7.4	5.5	4.7	6.5	1.6	0.9	1.9	1.5
	1BC	0.9	0.2	2.1	9.6	7.9	7.9	5.9	6.6	2.4	1.4	1.8	1.3
	1BD	0.6	0.4	2.3	8.5	6.0	4.1	3.6	6.0	2.2	1.0	1.4	1.3
	1BE	0.9	0.4	2.3	8.7	6.7	6.4	4.8	5.8	2.7	1.6	1.8	1.3
	1BG	0.9	0.6	2.3	8.4	6.8	5.6	4.6	5.7	3.2	1.6	1.6	1.3
	1BH	0.9	0.9	2.2	8.3	7.3	5.3	4.6	5.7	3.6	1.7	1.5	1.4
	1CA	0.5	0.3	1.9	8.7	5.5	3.4	3.3	6.4	1.4	0.7	1.2	1.3
	1CB	0.6	0.3	1.6	8.8	5.9	3.7	3.7	7.1	1.8	0.9	1.0	1.5
	1CC	0.7	0.2	1.8	8.7	7.0	3.0	3.8	8.1	2.6	1.3	1.3	1.5
	1CD	0.9	0.8	1.8	9.1	7.5	5.6	4.6	8.0	3.5	1.8	1.0	2.1
	1CE	1.0	1.2	2.1	8.2	6.9	6.0	4.8	6.7	4.3	2.0	0.8	2.0
	1DA	1.2	1.7	1.8	8.5	9.2	7.3	5.9	7.5	4.6	2.5	1.2	2.6
	1DB	0.8	1.3	2.0	8.3	8.9	5.7	4.9	5.9	3.8	1.9	1.8	1.5
	1DC	1.1	1.8	2.2	8.3	10.5	6.8	5.5	6.6	4.1	2.6	2.0	2.1
	1DD	1.2	1.9	3.1	8.3	10.7	6.6	5.1	6.1	3.9	3.0	2.5	2.0
	1EA	1.7	1.6	1.8	8.9	10.3	8.4	6.6	10.1	4.9	3.2	1.4	3.3
	1EB	1.7	1.8	2.3	7.9	11.2	8.5	6.6	10.1	4.6	3.5	1.7	3.1
	1EC	1.6	1.9	2.1	8.6	10.6	8.5	6.6	8.7	4.6	3.2	1.5	3.2
	1ED	1.9	1.9	4.4	8.1	9.8	7.4	4.8	6.0	4.0	3.8	2.5	2.4
	1EE	2.4	1.8	6.6	8.2	7.1	5.9	2.8	3.6	3.4	4.1	3.4	2.0
	1EF	2.2	1.7	6.1	8.2	6.3	5.0	2.8	3.3	3.1	4.0	3.7	2.0
	1EG	2.4	1.5	6.3	7.9	6.7	6.3	3.0	4.6	3.4	4.0	2.9	2.3
	1FA	0.8	0.2	2.1	8.6	8.0	2.8	4.1	9.0	3.3	1.8	1.5	1.8
	1FB	1.3	0.8	2.0	9.5	9.0	5.8	4.9	8.9	4.2	2.4	1.7	2.3
	1FC	1.5	0.7	2.3	9.4	9.6	5.6	4.9	8.9	4.7	2.7	2.1	2.3
	1FD	1.5	0.4	2.9	8.9	8.9	3.7	4.1	8.7	4.4	2.5	2.1	2.0
	1FE	1.9	1.4	3.1	8.7	9.5	7.1	5.4	8.7	4.6	3.3	2.1	3.2
	1FF	1.9	1.4	4.3	8.4	7.4	5.7	3.9	7.2	3.9	3.1	2.2	3.1
	1FG	2.0	1.1	5.7	7.8	4.8	4.7	2.3	3.6	2.7	3.5	3.5	2.2
LVSCA	1GA	1.4	0.1	3.2	8.2	7.3	3.1	4.0	8.1	2.8	2.2	2.1	2.2
	1GB	2.3	0.4	4.4	8.5	7.5	4.2	3.4	6.6	3.7	2.6	3.1	2.6
	1GC	1.3	0.2	3.9	8.6	7.2	3.7	3.9	6.8	2.6	2.9	2.7	2.3
	1GD	2.3	0.7	5.3	8.5	6.4	3.8	2.9	4.6	2.6	2.8	3.4	3.2
	1GE	1.9	0.9	5.5	9.1	7.1	3.4	3.0	4.5	3.0	3.0	3.5	3.3
	1GF	1.8	1.5	5.1	9.1	6.7	2.6	2.7	4.5	2.9	2.7	3.0	3.8
	1GG	1.6	0.2	4.1	8.4	6.8	3.7	3.8	6.7	2.6	2.9	2.6	2.4
	1HA1	1.9	1.2	4.4	9.0	6.8	3.9	3.2	6.7	3.7	2.3	2.5	3.4
	1HA2	2.1	1.1	5.1	8.9	6.0	2.9	2.5	5.1	3.1	2.0	2.9	3.6
	1HB1	1.8	1.0	5.4	7.9	4.8	4.3	2.2	4.1	2.8	3.0	3.1	2.5
	1HB2	1.7	1.2	4.7	8.5	5.5	3.5	2.7	5.9	3.4	2.3	2.2	3.4
	1HC	1.7	0.7	5.3	7.5	4.4	3.9	2.0	3.0	2.5	3.0	3.7	2.0
	1HD	2.3	1.9	4.8	8.3	7.3	4.1	3.1	5.0	3.5	4.0	3.4	3.7
	1HE	2.4	1.7	4.7	7.7	7.7	4.9	2.9	4.8	3.9	4.2	4.1	3.1
	1HF	1.7	0.6	4.1	7.0	7.2	3.5	2.5	3.2	3.8	2.9	4.4	1.9
	1HG	1.6	0.6	4.1	7.2	6.7	3.6	2.3	3.2	3.5	3.0	4.3	1.8
	1JA	1.5	1.0	4.6	9.0	8.0	4.0	3.5	6.4	3.3	3.9	3.0	2.4
	1JB	1.5	1.3	5.3	9.4	8.6	4.5	3.6	6.1	4.1	5.0	3.1	2.6
	1JC	1.4	0.7	5.2	9.7	8.5	4.4	3.8	5.8	4.1	4.4	3.3	2.5
	1JD	1.5	1.3	5.1	9.7	8.6	4.0	3.7	5.3	4.1	4.7	3.3	3.0
	1JE	2.3	2.2	4.6	7.4	6.8	3.9	3.0	6.0	2.5	4.2	2.6	3.2
	1JF	1.9	1.9	4.5	8.5	7.9	3.7	3.5	6.0	3.1	4.5	2.8	3.1
	1JG1	1.9	1.9	4.7	9.1	8.2	3.6	3.6	5.1	3.5	4.5	3.2	3.7
	1JG2	2.2	2.0	4.8	8.7	6.7	3.3	2.8	4.9	3.1	3.3	3.0	4.0
	1KA	2.4	1.6	4.4	7.3	7.8	5.2	3.0	4.6	4.0	4.3	4.1	2.8
	1KB	1.8	1.2	3.6	7.3	6.6	3.5	2.5	3.8	3.4	3.3	3.3	2.3
	1KC	1.6	1.1	2.9	6.9	5.2	2.8	2.1	3.4	2.2	2.9	2.1	2.2
	1LA1	1.6	1.5	4.7	7.9	7.4	3.7	2.7	6.5	2.7	3.4	2.8	2.3
	1LA2	1.6	1.2	2.6	6.1	4.9	2.6	1.9	3.2	1.2	3.1	1.4	2.4
	1LA3	1.2	1.8	1.8	5.5	5.2	1.4	1.1	1.9	0.6	1.6	0.9	1.7
	1LB1	1.9	1.6	4.0	7.1	7.0	3.1	2.1	5.9	2.0	2.9	2.3	2.1
	1LB2	1.6	1.8	2.4	5.6	5.4	1.9	1.5	2.8	0.8	2.1	1.1	1.9

Monthly Rainfall by Sub-basin

Year 2003 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.2	0.0	1.0	3.3	1.7	0.0	0.0	0.3	0.0	0.2	0.7	0.3
	2AB	0.2	0.0	1.0	2.8	1.9	0.0	0.1	0.4	0.0	0.1	0.5	0.2
	2BA	0.7	0.1	1.9	9.3	7.9	7.4	6.1	6.4	2.0	1.0	1.4	1.3
	2BB	0.3	0.1	1.4	6.8	5.6	4.4	4.0	4.2	1.1	0.5	1.0	1.2
	2BC	0.5	0.1	1.4	7.1	5.6	5.2	4.7	4.6	1.4	0.7	1.1	1.0
	2BD	0.0	0.0	1.1	2.8	2.2	0.7	0.9	1.3	0.1	0.0	0.2	0.6
	2CA	0.0	0.0	1.3	2.2	1.8	0.3	0.3	0.8	0.0	0.0	0.1	0.5
	2CB	0.6	0.1	2.0	8.8	6.3	2.6	4.4	7.8	0.6	0.8	1.9	2.1
	2CC	0.2	0.1	1.3	4.9	3.8	2.1	2.2	3.1	0.4	0.2	0.8	1.2
	2D	0.2	0.2	1.2	6.5	3.6	1.8	2.5	5.0	0.3	0.3	3.0	3.6
	2EA	0.7	0.1	2.2	4.5	5.8	2.9	3.8	6.0	1.7	1.8	1.6	1.2
	2EB	0.5	0.1	2.0	5.7	5.3	2.4	4.2	6.4	1.3	1.3	2.3	2.9
	2EC	1.0	0.1	2.5	5.7	6.5	3.2	3.1	6.2	1.9	2.4	2.0	1.3
	2ED	0.6	0.0	2.3	7.3	6.7	1.8	4.1	8.4	1.5	1.3	1.5	1.7
	2EE	0.4	0.1	2.1	7.4	6.2	1.8	4.2	7.0	0.6	0.9	2.0	3.4
	2EF	0.6	0.0	2.5	6.3	6.5	2.1	3.7	7.0	1.2	1.5	1.5	1.6
	2EG1	1.0	0.1	2.6	7.4	7.2	3.0	3.4	7.0	2.0	2.3	2.4	1.6
	2EG2	0.5	0.1	2.2	6.6	6.1	2.2	3.7	6.7	1.1	1.4	2.1	3.1
	2EH	0.5	0.1	1.7	9.6	6.6	2.5	5.2	8.8	0.5	0.8	2.9	5.5
	2EJ	0.3	0.3	1.3	8.8	3.8	1.5	2.8	6.9	0.5	0.5	5.4	8.1
	2EK	0.3	0.2	1.6	8.2	4.7	1.6	3.7	6.8	0.7	0.7	4.3	6.7
	2FA	1.0	0.4	1.7	5.2	5.4	3.7	2.2	5.5	1.5	2.9	2.5	1.1
	2FB	1.2	0.1	2.4	4.9	6.7	3.4	3.0	6.4	2.0	2.7	1.9	1.2
	2FC	1.1	0.3	2.2	5.5	6.2	3.5	2.4	5.9	1.5	2.7	2.3	1.0
	2GA	1.2	0.3	1.4	5.3	5.5	3.2	2.2	4.9	1.4	2.5	2.4	0.9
	2GB	1.0	0.3	1.5	5.6	6.0	3.3	2.8	5.1	1.6	2.8	2.5	1.2
	2GC	1.6	0.4	1.2	7.3	8.9	3.6	1.6	4.2	1.5	4.2	3.4	0.8
	2GD	1.7	0.5	1.2	6.2	7.1	3.2	1.5	4.1	1.0	3.0	3.0	0.6
	2H-1	1.3	1.5	1.3	5.9	7.5	1.2	0.3	1.6	0.7	1.8	3.2	0.6
	2H-2	0.7	1.6	1.3	5.4	7.3	0.6	0.1	0.7	0.7	1.5	3.6	0.7
	2H-3	0.6	1.6	1.9	4.6	5.8	0.3	0.1	0.5	0.5	1.3	3.8	1.0
	2J	0.2	0.0	1.1	2.7	2.0	0.0	0.2	0.6	0.0	0.1	0.4	0.2
	2KA	2.0	1.9	2.3	5.8	6.7	1.7	1.2	3.6	0.8	1.5	1.5	1.1
	2KB	1.2	2.3	1.3	5.3	5.9	0.5	0.3	1.2	0.3	0.8	1.3	0.7
	2KC	1.0	2.4	1.1	5.2	6.1	0.4	0.2	0.9	0.4	0.8	1.7	0.8
ACA	3AA	1.0	1.1	1.4	6.1	8.3	0.7	0.1	0.7	0.9	1.8	4.5	0.7
	3AB	0.6	1.5	1.8	4.4	5.9	0.2	0.1	0.6	0.5	1.3	3.9	0.8
	3AC	0.5	0.5	2.1	6.9	7.6	0.3	0.1	0.5	0.4	1.8	5.0	1.0
	3BA	1.0	0.6	1.6	7.6	10.3	1.0	0.1	0.9	0.8	2.5	5.3	0.8
	3BB	1.0	0.5	1.9	8.1	12.2	1.3	0.2	1.4	0.8	3.0	5.5	0.8
	3BC	1.2	0.6	1.9	8.7	13.0	1.9	0.3	2.0	1.0	3.8	5.7	0.8
	3BD	1.1	0.6	2.0	8.4	12.7	1.7	0.3	1.9	0.9	3.6	5.6	0.9
	3CB	0.9	0.5	2.1	8.5	11.8	1.4	0.3	1.7	0.7	3.5	5.8	1.0
	3DA	0.2	0.3	1.9	7.8	6.7	0.0	0.0	0.2	0.1	1.8	5.6	1.3
	3DB	0.3	0.3	2.6	4.7	4.3	0.0	0.0	0.4	0.2	1.9	9.0	1.8
	3EA	0.5	0.5	2.7	5.7	4.8	0.0	0.0	0.5	0.4	1.4	5.4	1.0
	3EB	0.4	0.4	2.8	4.9	4.3	0.0	0.0	0.6	0.3	1.4	7.2	1.2
	3EC	0.5	0.3	3.4	4.1	4.0	0.0	0.0	0.7	0.4	1.3	7.8	1.3
	3ED	0.3	0.2	3.1	3.9	4.0	0.0	0.0	0.6	0.3	1.4	9.5	1.6
	3FA	0.2	0.6	3.4	3.7	3.7	0.0	0.0	0.4	0.2	1.0	5.9	1.5
	3FB	0.1	0.4	3.1	4.1	2.1	0.0	0.0	0.1	0.1	0.4	4.5	1.7
	3G	0.3	0.4	2.7	2.5	3.3	0.1	0.0	0.3	0.1	0.5	2.8	1.4
	3HA	0.1	0.3	2.3	3.5	2.3	0.2	0.0	0.3	0.2	0.6	1.6	1.8
	3HB	0.2	0.2	1.8	2.7	4.5	1.3	0.5	0.6	0.8	1.6	1.9	1.1
	3HC	0.1	0.0	0.7	2.8	7.5	2.7	1.6	1.1	1.3	2.3	3.2	0.9
	3HD1	0.2	0.0	0.7	2.9	9.0	3.0	2.0	1.3	1.5	2.9	2.9	0.5
	3HD2	0.1	0.0	0.5	3.0	8.3	3.2	2.1	1.1	1.3	2.5	3.3	0.9
	3J	0.7	0.5	2.0	1.7	3.9	0.1	0.0	0.4	0.3	0.5	1.8	0.9
	3K	0.0	0.1	1.2	2.6	9.4	1.8	1.6	1.1	1.2	2.4	1.2	0.2
	3LA	0.2	0.3	1.8	2.3	5.0	1.4	0.6	0.6	0.9	1.9	1.5	0.8
	3LB	0.3	0.0	1.0	3.1	9.4	3.0	1.9	1.2	1.6	3.4	2.3	0.3
	3MA-1	0.1	0.8	1.8	1.1	3.6	0.3	0.2	0.6	0.4	0.9	1.3	0.7
	3MA-2	0.0	0.5	1.3	1.6	6.3	1.1	0.9	0.8	0.7	1.9	1.2	0.4
	3MB	0.1	0.1	1.2	2.8	8.1	2.0	1.4	1.0	1.4	2.5	1.2	0.3
	3MC	0.0	0.0	1.2	2.6	9.8	1.9	1.7	1.1	1.2	2.7	1.0	0.2
	3MD1	0.1	0.1	1.0	4.2	8.1	2.7	1.8	1.3	2.1	1.5	1.1	0.6
	3MD2	0.0	0.0	1.2	3.6	9.1	2.3	1.8	1.3	1.8	1.8	1.3	0.5
	3N	0.3	0.8	3.0	3.2	4.1	0.1	0.0	0.3	0.2	0.8	4.2	1.4

Monthly Rainfall by Sub-basin

Year 2003 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.0	0.3	2.5	7.8	8.2	0.5	0.9	2.2	0.5	6.6	6.4	2.9
	4AB	1.1	0.4	2.5	7.7	8.4	1.4	1.5	2.8	0.7	5.8	4.8	1.8
	4AC	1.3	0.5	2.3	8.1	9.6	1.9	1.1	3.0	0.8	6.2	4.9	1.7
	4AD	1.5	0.5	2.2	8.9	10.9	2.5	0.9	3.4	1.1	6.5	5.4	1.6
	4BA	0.8	0.3	2.3	8.6	10.6	0.7	0.3	2.6	0.6	6.1	6.0	2.1
	4BB	0.9	0.2	2.4	7.9	9.2	0.4	0.4	2.2	0.6	6.6	6.7	3.1
	4BC	0.5	0.1	2.0	8.7	10.1	0.3	0.2	2.5	0.6	5.5	5.9	2.4
	4BD	1.3	0.5	2.0	9.9	12.4	2.3	0.6	3.5	1.2	6.3	5.9	1.6
	4BE	1.0	0.4	1.9	10.3	12.4	1.8	0.4	3.0	1.0	5.4	6.0	1.4
	4BF	0.4	0.2	1.9	9.2	10.7	0.5	0.1	1.6	0.3	3.5	5.4	1.5
	4BG	0.1	0.0	1.2	9.5	8.9	0.0	0.0	0.9	0.1	2.4	4.6	1.8
	4CA	1.8	0.7	1.8	9.9	13.5	3.4	0.8	3.7	1.5	5.5	6.0	0.8
	4CB	1.5	0.7	2.2	10.2	14.1	2.6	0.5	3.2	1.3	5.5	6.6	1.0
	4CC	0.2	0.1	1.6	8.9	8.6	0.2	0.1	0.6	0.1	2.3	5.3	1.6
	4DA	0.3	0.1	1.8	9.2	9.6	0.2	0.3	2.2	0.6	5.0	5.6	2.6
	4DB	0.3	0.2	2.3	10.5	10.0	0.3	0.4	2.8	1.0	6.5	6.9	2.9
	4DC	0.4	0.3	2.7	11.3	10.5	0.3	0.5	3.1	1.2	7.3	7.8	3.0
	4DD	0.0	0.1	1.8	8.5	7.6	0.1	0.2	1.6	0.6	3.8	5.8	3.1
	4DE	0.0	0.1	1.4	7.7	6.1	0.0	0.0	0.3	0.1	2.1	5.5	2.7
	4EA	0.6	0.5	3.6	15.9	8.3	0.1	0.3	1.9	0.8	10.1	12.8	3.5
	4EB	0.5	0.6	3.7	14.5	10.6	0.2	0.5	2.5	1.2	9.7	11.5	3.4
	4EC	0.2	0.4	2.8	11.2	9.3	0.2	0.3	2.2	1.0	6.7	8.8	3.5
	4ED	0.1	0.2	2.3	7.1	4.9	0.0	0.1	0.5	0.2	4.2	8.7	4.1
	4FA	0.6	0.3	3.1	15.7	6.2	0.1	0.2	1.2	0.5	9.2	13.1	3.7
	4FB	0.3	0.3	2.6	15.2	5.7	0.0	0.1	0.7	0.3	7.0	12.7	3.7
	4GA	0.2	0.2	1.7	15.2	3.7	0.0	0.1	0.3	0.2	5.0	10.3	3.0
	4GB	0.1	0.1	1.6	12.0	3.3	0.0	0.0	0.3	0.1	3.6	8.8	2.7
	4GC	0.1	0.1	1.0	8.4	2.2	0.0	0.1	0.2	0.1	2.3	6.0	1.6
	4GD	0.1	0.1	1.3	6.2	2.9	0.4	0.5	0.3	0.2	2.9	6.1	2.1
	4GE	0.1	0.1	1.9	5.3	4.0	0.5	0.6	0.2	0.2	3.3	8.7	2.8
	4GF	0.1	0.1	1.6	3.6	5.0	1.3	1.4	0.4	0.4	2.2	6.9	1.6
	4GG	0.0	0.0	0.5	2.3	7.0	2.9	3.0	0.9	1.1	2.1	2.7	0.7
	4HA	0.1	0.2	2.7	4.5	3.7	0.0	0.0	0.2	0.1	1.5	9.2	2.2
	4HB	0.0	0.1	1.8	3.7	4.5	0.9	1.0	0.4	0.4	1.3	6.1	1.4
	4HC	0.1	0.1	1.8	3.4	3.5	0.9	0.5	0.4	0.5	1.0	3.0	1.5
	4JA	0.0	0.0	0.6	5.4	3.4	1.4	1.3	0.3	0.3	2.2	3.3	1.0
	4JB	0.0	0.0	0.5	2.4	6.5	3.8	3.3	0.6	0.8	2.9	2.8	0.5
	4KA	0.0	0.0	0.5	2.9	5.9	3.2	2.9	0.6	0.7	2.7	2.9	0.5
	4KB	0.0	0.0	0.5	2.6	6.3	3.5	3.1	0.6	0.8	2.8	2.8	0.5
ENNCA	5AA	0.6	0.3	2.1	6.3	4.9	2.4	4.0	5.9	1.2	1.3	3.0	1.7
	5AB	0.8	0.4	2.6	7.6	5.2	2.0	3.3	5.5	0.9	1.4	3.6	1.6
	5AC	0.3	0.5	1.8	7.6	3.9	1.2	2.0	4.1	0.2	0.8	4.8	2.4
	5AD	0.7	0.5	2.6	8.4	4.6	1.2	2.2	4.5	0.2	1.1	4.4	1.3
	5BA	1.0	0.4	2.6	7.6	7.0	0.9	1.9	3.1	0.5	4.8	4.5	1.9
	5BB	1.0	0.4	2.7	7.9	6.8	1.4	2.9	4.0	0.6	3.8	3.8	1.6
	5BC-1	0.8	0.4	2.7	8.3	5.7	0.9	2.2	4.1	0.5	3.2	4.2	1.7
	5BC-2	0.5	0.5	2.2	7.8	4.3	0.9	1.8	4.1	0.2	1.2	4.2	1.1
	5BD	0.9	0.5	3.0	8.6	5.3	1.5	2.9	5.3	0.6	1.5	3.8	1.5
	5BE	0.7	0.3	2.7	9.2	4.1	0.4	1.4	3.3	0.4	5.3	5.5	2.2
	5CA	0.1	0.4	1.1	5.9	2.8	1.4	1.9	4.2	0.2	0.3	3.9	2.6
	5CB	0.0	0.4	1.1	5.4	2.6	1.0	1.5	3.1	0.1	0.7	3.8	1.1
	5CC	0.0	0.4	0.9	5.7	2.7	1.2	1.8	3.7	0.2	0.4	3.7	2.0
	5DA	0.6	0.2	2.7	11.0	2.5	0.1	0.3	1.4	0.1	7.7	8.4	2.8
	5DB	0.4	0.3	2.3	8.1	2.6	0.5	0.9	2.7	0.2	4.6	5.6	1.8
	5DC	0.2	0.3	1.6	6.2	3.1	1.3	1.4	3.7	0.1	0.7	4.5	0.9
	5DD	0.1	0.4	1.3	5.9	2.5	0.9	1.1	2.6	0.1	1.5	4.5	0.9
	5EA	0.1	0.2	0.4	5.0	1.8	0.1	0.0	0.1	0.1	0.9	2.0	1.6
	5EB	0.2	0.2	0.5	5.0	1.8	0.2	0.0	0.2	0.1	0.9	3.0	1.5
	5EC	0.1	0.2	0.7	7.4	1.8	0.3	0.3	0.8	0.1	1.3	4.9	1.7
	5ED	0.2	0.1	1.2	12.6	2.4	0.0	0.0	0.3	0.1	3.4	7.3	2.2
	5FA	0.1	0.1	0.6	9.8	1.7	0.0	0.0	0.1	0.0	1.7	4.3	1.7
	5FB	0.0	0.1	0.3	7.8	1.5	0.0	0.0	0.1	0.0	1.2	2.2	1.6
	5G	0.1	0.1	0.3	2.8	1.2	0.1	0.0	0.1	0.1	0.4	2.7	1.1
	5HA	0.0	0.0	0.1	3.0	0.7	0.0	0.0	0.0	0.0	0.1	2.3	1.1
	5HB	0.1	0.0	0.2	2.1	0.8	0.1	0.0	0.1	0.0	0.1	2.9	0.7
	5J	0.1	0.0	0.7	4.1	1.5	0.2	0.2	0.5	0.1	0.4	2.4	0.9

Monthly Rainfall by Sub-basin

Year 2004 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.9	2.2	2.4	8.1	4.6	2.7	2.5	4.6	4.6	4.6	5.2	1.7
	1AB	2.4	1.7	2.2	8.0	4.7	2.6	2.3	4.7	3.3	3.7	5.1	2.1
	1AC	2.9	2.0	2.1	9.1	4.6	2.8	2.4	4.7	3.7	3.7	5.0	2.2
	1AD	3.3	2.7	2.5	8.9	4.8	2.6	2.7	4.7	5.9	5.7	5.4	1.7
	1AE	3.5	2.8	2.8	7.5	4.9	2.6	3.0	4.7	7.3	7.3	5.6	0.8
	1AF	3.3	2.7	2.5	9.0	4.5	2.6	2.4	4.6	5.5	5.5	5.2	1.8
	1AG	3.2	2.9	2.8	9.0	4.3	2.7	2.3	4.5	5.9	5.6	5.1	1.9
	1AH	3.4	3.2	2.7	7.7	4.4	2.9	2.9	4.1	6.9	7.1	5.4	1.2
	1BA	1.7	0.3	1.6	11.2	4.6	2.6	3.6	5.1	3.0	3.4	5.2	1.4
	1BB	1.3	0.3	1.6	9.5	3.7	3.2	3.6	5.6	2.7	3.4	5.5	1.7
	1BC	1.1	0.4	1.6	8.8	3.8	3.5	3.2	6.0	2.5	2.7	4.9	1.7
	1BD	1.7	0.6	2.3	8.1	4.2	2.9	3.3	4.6	3.0	3.1	4.9	1.6
	1BE	1.3	0.6	1.8	7.1	4.3	2.8	2.5	5.0	2.5	3.1	4.8	1.9
	1BG	1.4	0.8	2.2	6.6	4.8	2.9	2.6	4.9	2.8	3.1	5.1	2.1
	1BH	1.8	1.1	2.3	7.0	4.8	3.0	2.7	4.9	3.1	3.0	5.1	2.2
	1CA	1.9	0.3	2.3	10.4	4.5	2.8	3.7	4.5	3.2	2.6	3.8	1.2
	1CB	2.0	0.4	2.7	10.2	4.2	3.0	3.9	4.7	3.5	2.5	3.4	1.5
	1CC	1.9	0.6	3.6	10.6	3.6	3.3	4.3	5.2	4.1	2.7	3.8	2.8
	1CD	2.4	0.9	2.9	9.2	4.1	3.7	4.0	5.1	4.4	3.0	4.7	1.9
	1CE	2.4	1.0	2.6	7.0	4.3	3.9	3.8	5.0	3.9	2.6	4.8	1.9
	1DA	2.8	1.4	2.5	8.7	4.6	3.7	3.4	5.2	4.4	3.2	4.9	2.3
	1DB	2.3	1.5	2.2	8.2	4.7	2.9	2.5	4.8	3.3	3.3	5.0	2.3
	1DC	2.9	2.0	2.5	9.4	4.5	3.1	2.4	4.9	4.3	3.8	4.9	2.4
	1DD	3.1	2.5	2.6	9.6	4.3	2.9	2.2	4.7	4.9	4.5	4.9	2.3
	1EA	3.0	1.4	3.3	9.7	4.8	3.9	3.3	5.9	5.9	3.7	4.9	2.7
	1EB	3.1	1.8	3.7	9.2	4.2	3.7	2.3	5.6	6.2	4.1	4.5	2.6
	1EC	2.9	1.7	2.9	9.7	4.8	3.7	3.0	5.4	5.4	4.0	5.0	2.6
	1ED	3.0	2.7	3.3	9.2	4.2	3.3	2.5	4.7	6.4	5.2	5.0	2.3
	1EE	3.1	3.5	3.0	8.3	3.9	3.2	2.8	3.9	7.0	6.6	5.3	1.9
	1EF	3.3	3.4	2.6	7.7	3.8	3.3	2.7	3.6	6.6	6.8	5.2	1.6
	1EG	3.2	3.2	3.2	8.4	3.4	3.5	2.5	3.8	7.1	6.0	4.9	2.3
	1FA	2.0	1.0	4.3	9.9	2.8	3.8	4.6	5.8	4.6	3.0	4.6	4.0
	1FB	2.7	1.2	3.5	10.6	4.2	3.7	3.8	5.6	5.2	3.5	5.0	2.7
	1FC	2.9	1.5	3.8	11.2	4.3	3.8	3.6	5.9	5.5	3.6	5.1	3.1
	1FD	2.6	1.4	4.4	11.4	3.6	3.8	3.9	5.7	5.0	3.3	5.3	3.7
	1FE	3.5	1.7	3.7	10.4	4.0	3.3	2.5	5.6	6.5	3.9	4.6	3.1
	1FF	3.8	2.0	3.4	9.7	2.9	2.9	2.0	4.5	6.9	4.1	4.3	3.1
	1FG	3.5	3.2	2.4	7.7	2.7	3.6	2.2	3.0	6.1	6.2	4.6	2.1
LVSCA	1GA	2.4	1.0	4.8	9.9	2.8	3.3	3.9	5.6	4.3	2.5	5.0	4.2
	1GB	3.4	1.3	4.2	12.1	3.3	3.1	2.8	4.8	4.2	2.7	4.9	3.4
	1GC	3.1	1.1	4.5	8.5	3.2	2.4	3.1	5.0	4.0	1.9	4.2	2.9
	1GD	3.8	1.0	4.2	11.8	2.8	2.2	2.3	3.7	3.9	1.7	4.1	2.7
	1GE	3.9	1.2	4.1	12.1	2.9	2.3	2.8	3.6	4.4	1.6	4.0	2.1
	1GF	4.1	1.7	3.3	12.7	2.5	1.9	2.9	3.3	5.4	2.0	3.7	3.1
	1GG	3.0	1.1	5.1	9.4	3.1	2.9	3.1	5.2	4.1	1.9	4.8	3.2
	1HA1	4.2	1.4	3.4	11.9	2.5	2.1	2.2	4.4	6.2	2.9	4.0	3.5
	1HA2	4.2	1.2	3.3	12.8	2.1	1.8	2.4	3.6	5.2	2.3	3.9	3.4
	1HB1	3.6	2.9	2.4	8.3	2.2	3.2	1.8	2.9	6.0	5.3	4.3	2.6
	1HB2	4.3	1.7	2.9	10.5	1.8	2.1	1.6	3.6	6.4	3.3	3.9	3.5
	1HC	3.1	3.4	1.9	7.2	2.2	3.3	1.7	2.3	5.2	6.0	4.3	2.2
	1HD	3.9	3.4	2.8	11.0	3.8	2.3	2.6	3.7	7.2	2.9	4.2	4.5
	1HE	3.1	4.1	2.4	9.0	4.3	2.5	2.1	3.5	7.5	3.7	4.4	4.7
	1HF	1.4	4.0	1.8	6.4	3.4	2.0	1.0	2.2	4.7	4.9	4.1	3.1
	1HG	1.7	4.0	1.8	6.7	3.6	2.3	1.2	2.1	4.7	4.9	4.1	3.2
	1JA	4.0	2.6	5.2	9.7	4.9	2.1	2.6	4.5	4.0	1.7	3.9	2.3
	1JB	4.4	3.4	5.7	10.8	5.5	2.8	2.8	4.8	4.9	1.6	4.5	2.0
	1JC	3.9	2.2	5.0	9.8	4.3	2.9	2.8	4.9	4.9	1.7	4.5	1.7
	1JD	4.1	2.7	4.4	11.0	4.3	2.9	2.9	4.5	5.4	1.8	4.4	2.0
	1JE	4.5	4.7	5.4	11.4	6.3	1.7	2.9	3.9	5.2	1.8	3.8	4.3
	1JF	4.5	4.1	4.9	11.5	5.4	2.1	2.7	4.4	4.6	1.9	3.9	3.5
	1JG1	4.1	3.3	3.5	12.0	4.1	2.5	3.1	4.1	6.1	2.2	4.1	3.6
	1JG2	4.2	2.7	2.8	12.2	3.1	1.9	2.7	3.6	6.9	2.4	3.9	4.5
	1KA	2.6	4.4	2.4	8.0	5.3	2.4	2.0	3.2	7.5	3.4	4.4	4.8
	1KB	2.3	3.9	2.4	7.7	5.3	1.7	1.7	2.5	5.5	3.0	4.1	4.4
	1KC	2.7	3.4	2.9	7.4	5.8	1.5	1.9	2.4	5.3	2.1	3.8	4.4
	1LA1	4.3	3.5	6.0	10.6	6.0	1.4	2.7	3.9	3.5	1.6	3.4	3.0
	1LA2	2.9	3.3	4.0	7.5	6.0	1.5	2.5	3.0	5.4	1.9	3.6	4.2
	1LA3	2.0	2.6	3.6	6.1	4.1	0.5	0.9	1.1	2.2	1.0	2.6	2.9
	1LB1	3.7	3.5	5.5	10.0	5.4	1.0	2.3	3.1	3.0	1.4	2.9	3.1
	1LB2	2.4	3.0	4.4	7.4	4.5	0.6	1.3	1.6	2.8	1.0	2.5	3.1

Monthly Rainfall by Sub-basin

Year 2004 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	1.0	0.0	0.6	2.2	0.5	0.0	0.0	0.0	0.4	0.3	3.1	0.6
	2AB	0.9	0.0	0.2	2.1	0.3	0.0	0.0	0.3	0.7	0.1	3.1	0.8
	2BA	1.1	0.2	1.5	8.6	3.2	3.6	3.3	6.0	2.4	2.5	4.6	1.9
	2BB	1.0	0.1	1.0	6.9	2.1	2.3	2.1	4.4	2.4	1.8	4.6	2.3
	2BC	1.3	0.2	1.2	6.3	2.3	2.5	2.1	4.2	2.1	1.8	3.8	2.3
	2BD	1.3	0.0	0.2	3.7	0.6	0.3	0.2	0.9	1.4	0.4	3.0	1.6
	2CA	1.3	0.0	0.1	3.2	0.4	0.1	0.0	0.4	1.0	0.2	2.7	1.2
	2CB	1.8	0.4	2.3	10.8	5.0	2.1	3.3	5.1	3.5	2.5	4.0	1.5
	2CC	1.1	0.1	0.6	5.7	1.7	1.1	1.2	2.5	1.8	1.2	3.7	1.8
	2D	0.9	0.2	1.2	4.7	2.8	0.9	1.8	2.0	1.9	1.3	3.6	0.9
	2EA	2.7	0.8	1.9	6.0	2.6	1.6	2.6	3.1	1.6	1.9	2.4	1.7
	2EB	2.4	0.6	1.9	5.5	2.6	1.6	2.5	3.3	1.7	1.6	3.2	1.2
	2EC	2.8	0.9	2.1	6.5	3.1	1.1	2.5	2.7	1.7	2.1	2.1	1.9
	2ED	1.7	0.4	3.9	7.5	2.1	2.3	4.6	5.0	3.8	2.1	3.7	3.7
	2EE	1.5	0.3	2.5	7.1	3.5	1.3	2.9	3.3	3.5	1.2	3.3	1.0
	2EF	2.1	0.4	3.0	6.3	2.3	1.3	3.5	3.4	2.8	1.7	2.7	2.3
	2EG1	2.8	0.9	2.7	6.5	3.0	1.1	2.4	3.6	2.1	2.3	2.6	2.6
	2EG2	1.9	0.5	2.3	6.1	2.9	1.2	2.7	2.9	2.5	1.4	3.2	1.4
	2EH	1.4	0.4	2.1	8.6	5.1	1.8	2.5	4.4	3.4	1.8	5.0	0.7
	2EJ	1.2	0.3	1.8	4.4	3.3	0.9	2.0	2.2	2.1	1.0	4.7	0.5
	2EK	1.4	0.4	2.0	4.8	3.2	1.2	2.4	2.9	1.9	1.0	4.5	0.7
	2FA	2.1	1.3	2.5	5.3	2.4	1.5	2.2	2.1	1.9	1.9	2.2	1.6
	2FB	2.7	1.1	1.9	6.7	3.0	1.5	2.4	2.8	1.7	2.3	2.1	2.3
	2FC	2.4	1.3	2.3	5.7	2.8	1.2	1.9	2.5	1.8	2.0	2.1	2.1
	2GA	2.0	1.5	2.5	5.2	2.6	1.4	1.9	1.7	1.8	1.7	2.5	1.4
	2GB	2.1	1.4	2.4	5.6	2.8	1.7	2.2	2.1	1.8	2.0	2.8	1.5
	2GC	1.5	2.1	2.8	7.5	4.7	1.1	1.3	1.2	1.9	2.8	4.2	1.8
	2GD	1.7	2.0	2.8	6.2	3.7	1.0	1.1	1.0	1.8	2.1	3.1	1.4
	2H-1	2.3	2.0	3.0	7.2	3.6	0.3	0.2	0.3	0.9	1.9	3.3	2.2
	2H-2	2.7	1.8	2.7	7.1	3.5	0.1	0.0	0.1	0.6	1.9	3.7	2.3
	2H-3	2.5	2.0	2.8	5.2	2.6	0.1	0.0	0.1	0.5	1.5	3.7	2.5
	2J	1.0	0.0	0.1	2.8	0.3	0.0	0.0	0.5	0.9	0.2	2.9	1.1
	2KA	2.0	2.6	4.1	7.2	3.4	0.5	0.9	1.2	1.6	0.8	1.9	2.4
	2KB	1.9	2.2	3.3	5.9	2.8	0.2	0.1	0.1	0.6	0.8	2.3	2.2
	2KC	2.1	2.0	3.1	5.9	2.8	0.1	0.0	0.1	0.5	1.0	2.6	2.2
ACA	3AA	3.0	1.6	2.6	8.8	4.3	0.2	0.0	0.2	0.7	2.2	4.3	2.3
	3AB	2.3	1.9	2.7	5.1	2.3	0.1	0.0	0.1	0.4	1.7	3.8	2.5
	3AC	1.8	2.0	2.5	8.2	2.7	0.1	0.0	0.0	0.5	2.5	4.2	3.1
	3BA	2.8	1.8	2.5	11.4	4.9	0.2	0.1	0.2	0.8	3.0	4.5	2.6
	3BB	2.4	2.0	2.5	12.8	5.0	0.2	0.2	0.2	1.0	3.4	4.3	2.9
	3BC	2.3	2.1	2.6	13.1	5.5	0.2	0.3	0.3	1.1	4.1	4.5	2.8
	3BD	2.1	2.2	2.5	12.9	5.1	0.2	0.3	0.3	1.1	3.9	4.3	2.9
	3CB	1.9	2.2	2.5	12.5	4.7	0.2	0.3	0.2	1.0	3.8	4.5	3.0
	3DA	1.5	2.0	2.8	6.8	1.5	0.0	0.0	0.0	0.3	2.9	4.4	3.4
	3DB	1.6	2.1	2.5	5.0	0.6	0.0	0.0	0.1	0.1	2.3	7.3	3.7
	3EA	1.4	2.0	2.8	4.9	1.3	0.0	0.0	0.0	0.1	2.3	4.5	3.2
	3EB	1.4	2.0	3.2	5.3	0.9	0.0	0.0	0.1	0.1	2.3	5.3	3.4
	3EC	1.6	2.3	3.6	5.3	0.7	0.1	0.0	0.1	0.1	1.9	5.3	3.6
	3ED	1.8	2.6	3.2	5.4	0.4	0.0	0.0	0.1	0.1	1.9	6.2	3.9
	3FA	2.6	2.4	3.2	3.8	0.6	0.1	0.0	0.0	0.2	1.1	3.7	3.7
	3FB	3.9	1.5	2.8	3.2	0.3	0.2	0.0	0.0	0.0	1.0	3.9	4.2
	3G	4.1	2.1	5.5	5.9	0.3	0.8	0.0	0.0	0.0	2.6	4.7	3.3
	3HA	4.7	1.4	2.1	3.5	0.0	0.5	0.0	0.0	0.0	2.3	4.2	4.9
	3HB	3.8	1.3	1.3	3.5	0.3	2.2	0.7	0.2	0.0	3.6	3.2	3.6
	3HC	1.1	0.4	0.2	2.8	1.1	5.0	1.6	0.4	0.3	5.3	2.2	2.3
	3HD1	1.4	0.3	0.2	2.8	1.3	5.2	2.0	0.5	0.3	4.9	2.4	2.7
	3HD2	0.8	0.3	0.2	3.0	1.6	5.8	1.8	0.5	0.4	5.4	2.3	2.1
	3J	3.7	1.9	6.2	6.2	0.3	0.9	0.0	0.0	0.0	3.1	4.5	2.1
	3K	3.2	0.9	1.7	4.0	1.1	3.1	1.7	0.8	0.2	5.2	2.8	1.7
	3LA	4.1	1.2	1.6	4.0	0.4	2.5	0.9	0.2	0.1	4.2	3.0	2.8
	3LB	1.7	0.4	0.2	3.0	1.4	5.2	2.0	0.5	0.3	4.9	2.0	2.3
	3MA-1	4.6	2.0	4.2	4.8	0.3	1.4	0.2	0.1	0.0	4.0	3.6	2.2
	3MA-2	4.3	1.7	2.9	4.4	0.7	2.4	0.9	0.5	0.1	4.6	3.0	1.8
	3MB	2.9	0.4	1.1	4.1	0.9	3.3	1.6	0.7	0.2	5.5	2.5	1.6
	3MC	3.3	0.7	1.7	4.0	1.2	3.2	1.6	0.9	0.2	5.1	2.7	1.8
	3MD1	2.5	0.3	0.4	4.9	1.0	4.4	2.7	0.6	0.4	5.9	3.4	1.3
	3MD2	2.5	0.2	0.7	4.1	1.0	3.4	2.4	0.7	0.2	5.5	3.3	1.6
	3N	3.0	2.4	3.8	4.1	0.9	0.3	0.0	0.0	0.2	1.3	3.2	3.1

Monthly Rainfall by Sub-basin

Year 2004 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.2	1.2	1.6	6.5	1.9	0.8	0.7	0.4	1.5	4.5	7.5	1.9
	4AB	1.9	1.5	1.6	6.6	3.1	0.8	1.0	0.7	1.8	3.8	5.7	2.5
	4AC	1.7	1.7	1.9	7.6	4.0	0.6	0.9	0.5	2.0	4.3	5.8	2.7
	4AD	1.8	1.8	2.2	8.8	4.7	0.6	0.9	0.6	1.9	4.9	6.0	2.6
	4BA	1.9	1.2	2.0	7.2	2.7	0.5	0.4	0.2	1.4	4.7	7.8	2.4
	4BB	2.1	1.2	1.8	6.6	1.8	0.7	0.4	0.2	1.3	4.8	8.2	2.0
	4BC	1.8	1.2	2.3	6.4	2.0	0.6	0.3	0.2	1.3	4.7	8.6	2.2
	4BD	1.9	1.7	2.5	9.9	5.0	0.5	0.8	0.6	1.6	5.5	6.7	2.7
	4BE	1.9	1.7	2.7	10.5	4.7	0.4	0.6	0.5	1.3	5.6	6.9	2.8
	4BF	1.6	1.9	2.5	10.4	3.4	0.2	0.1	0.1	0.9	3.8	6.1	3.1
	4BG	1.5	1.5	2.6	7.6	1.8	0.1	0.0	0.1	0.7	3.9	6.6	3.0
	4CA	2.0	2.3	3.0	12.7	6.3	0.4	0.9	0.7	1.5	5.5	5.1	2.6
	4CB	2.0	2.2	2.8	13.5	6.0	0.3	0.7	0.5	1.3	5.7	5.4	3.1
	4CC	1.5	1.9	2.5	9.0	2.2	0.1	0.0	0.0	0.6	3.4	5.1	3.3
	4DA	1.7	1.2	2.7	6.5	1.8	0.5	0.2	0.2	1.1	5.4	9.5	2.3
	4DB	1.7	1.3	3.1	7.0	1.9	0.6	0.2	0.3	1.2	6.4	11.1	2.3
	4DC	1.8	1.3	3.4	7.5	2.0	0.7	0.2	0.3	1.2	6.8	12.0	2.5
	4DD	1.4	0.9	2.5	5.9	1.3	0.3	0.1	0.2	0.8	5.6	9.5	2.6
	4DE	1.4	1.1	1.9	5.3	0.8	0.1	0.0	0.0	0.4	3.9	6.5	3.1
	4EA	3.4	1.7	2.9	10.9	2.2	0.4	0.3	0.2	0.8	9.1	16.4	5.2
	4EB	2.7	1.5	3.0	10.6	2.2	0.6	0.2	0.3	1.1	8.0	14.7	4.0
	4EC	2.0	1.0	2.8	8.2	1.6	0.5	0.1	0.2	1.0	6.9	12.2	2.9
	4ED	2.0	0.6	1.5	6.0	0.6	0.1	0.0	0.1	0.3	5.1	10.6	3.0
	4FA	4.0	1.7	2.8	10.6	2.0	0.2	0.2	0.1	0.4	9.5	17.3	5.6
	4FB	4.0	1.3	2.9	10.2	1.4	0.1	0.1	0.1	0.3	8.5	17.3	5.0
	4GA	3.1	1.0	3.1	7.8	1.0	0.0	0.1	0.0	0.2	6.9	13.6	3.8
	4GB	2.3	0.5	2.3	6.4	0.5	0.1	0.0	0.0	0.1	5.0	11.9	2.9
	4GC	1.1	0.2	1.2	3.6	0.2	0.1	0.0	0.0	0.0	2.3	7.6	1.7
	4GD	1.0	0.3	0.7	3.3	0.3	1.2	0.1	0.1	0.1	2.5	7.0	1.8
	4GE	1.5	1.3	0.5	4.2	0.4	1.3	0.2	0.1	0.1	3.0	8.0	3.1
	4GF	1.3	1.8	0.5	2.9	0.7	3.8	0.5	0.2	0.1	2.9	5.7	3.4
	4GG	0.6	0.4	0.3	2.3	1.3	8.1	1.4	0.4	0.2	5.0	2.4	2.5
	4HA	2.5	2.6	1.5	3.8	0.2	0.0	0.0	0.0	0.0	1.4	7.3	4.4
	4HB	2.1	2.2	0.8	2.5	0.5	2.7	0.5	0.1	0.1	2.5	4.3	4.0
	4HC	3.4	1.2	1.2	3.1	0.3	1.8	0.5	0.1	0.1	2.9	3.6	4.1
	4JA	0.3	0.2	0.5	2.1	0.5	3.7	0.4	0.2	0.1	2.3	3.8	1.5
	4JB	0.3	0.2	0.3	1.7	1.2	9.6	1.1	0.5	0.3	3.2	3.6	2.4
	4KA	0.3	0.2	0.3	1.7	1.1	8.4	0.9	0.4	0.2	2.9	3.6	2.2
	4KB	0.3	0.2	0.3	1.7	1.2	9.0	1.0	0.4	0.2	3.2	3.5	2.3
ENNCA	5AA	3.4	0.8	1.8	5.4	2.3	1.8	2.5	3.8	1.0	2.1	3.0	1.2
	5AB	3.9	0.7	1.7	5.5	2.4	1.6	2.5	3.4	0.8	2.2	3.0	1.0
	5AC	2.5	0.4	1.9	4.6	2.2	0.6	2.5	2.2	0.9	1.5	3.2	0.4
	5AD	3.9	0.5	1.6	5.0	2.1	0.9	2.4	2.6	0.6	2.0	3.0	0.5
	5BA	2.4	1.3	1.3	5.7	2.5	1.0	1.4	1.1	1.6	3.1	5.2	2.1
	5BB	2.8	1.3	1.3	5.6	2.7	1.2	1.7	1.7	1.5	2.7	4.4	2.2
	5BC-1	3.1	1.0	1.5	5.1	2.1	1.3	2.1	1.9	1.1	2.7	4.3	1.5
	5BC-2	3.2	0.6	1.7	4.6	1.9	0.9	2.4	2.1	0.8	1.7	3.1	0.8
	5BD	4.3	0.7	1.5	5.3	2.3	1.4	2.5	3.1	0.7	2.3	3.1	0.9
	5BE	2.3	1.2	1.8	4.9	1.9	0.9	1.8	1.2	0.9	4.2	5.9	1.9
	5CA	1.3	0.2	1.5	3.3	2.3	0.4	2.0	1.0	1.2	1.1	2.4	0.4
	5CB	1.4	0.3	1.6	3.1	2.0	0.3	1.8	0.7	1.0	1.5	2.3	0.4
	5CC	1.0	0.2	1.6	3.5	2.4	0.4	1.9	0.8	1.1	1.2	2.2	0.4
	5DA	2.4	1.5	2.4	5.5	1.9	0.1	0.5	0.1	0.5	7.1	9.6	3.2
	5DB	2.2	1.1	2.0	4.2	1.8	0.5	1.3	0.8	0.8	4.1	5.6	1.6
	5DC	2.8	0.4	1.6	4.2	1.7	0.4	1.9	1.3	0.8	1.7	2.9	0.5
	5DD	1.9	0.5	1.8	3.6	1.8	0.2	1.5	0.7	0.9	2.2	3.2	0.6
	5EA	0.3	0.2	0.2	3.4	0.3	0.1	0.0	0.0	0.0	3.1	2.2	0.4
	5EB	0.7	0.3	1.0	5.0	0.8	0.1	0.0	0.0	0.1	3.1	2.5	0.4
	5EC	1.2	0.4	2.2	5.9	1.9	0.1	0.3	0.1	0.2	2.8	4.4	0.7
	5ED	2.0	0.8	2.7	5.7	1.1	0.0	0.1	0.0	0.2	5.1	8.9	2.4
	5FA	0.7	0.2	1.5	3.3	0.2	0.1	0.0	0.0	0.0	2.9	5.3	1.2
	5FB	0.2	0.0	0.7	2.5	0.1	0.1	0.0	0.0	0.0	2.4	2.5	0.5
	5G	0.3	0.2	0.1	2.8	0.1	0.3	0.0	0.0	0.1	2.8	2.9	0.3
	5HA	0.0	0.1	0.0	1.6	0.0	0.5	0.0	0.0	0.5	2.9	2.2	0.1
	5HB	0.2	0.2	0.1	2.3	0.1	0.3	0.0	0.0	0.3	3.0	2.4	0.1
	5J	1.0	0.2	1.6	4.2	1.7	0.1	0.2	0.1	0.3	1.3	2.9	0.5

Monthly Rainfall by Sub-basin

Year 2005 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.9	0.9	2.8	7.5	6.6	3.9	4.1	0.2	5.8	5.1	1.9	0.6
	1AB	1.0	1.0	2.4	6.9	6.5	3.6	4.2	0.2	6.0	4.3	1.6	0.6
	1AC	1.2	1.0	3.0	7.5	6.6	3.8	3.6	0.3	6.0	4.5	1.7	0.8
	1AD	1.0	0.9	3.9	7.8	6.7	4.1	4.5	0.2	5.4	5.9	2.1	0.8
	1AE	0.6	0.7	3.6	8.6	6.7	4.0	5.2	0.3	5.8	6.8	2.5	0.6
	1AF	1.2	1.0	3.7	7.9	6.5	4.2	4.4	0.4	5.7	5.5	2.1	0.9
	1AG	1.3	1.1	3.9	7.7	6.5	4.4	4.6	0.7	5.7	5.2	2.2	1.0
	1AH	0.9	0.8	4.1	7.8	6.6	3.8	4.8	0.4	5.6	6.4	2.4	0.6
	1BA	1.8	1.1	3.3	3.8	10.7	2.7	4.5	1.2	6.3	1.4	1.2	0.2
	1BB	1.5	0.8	2.6	4.3	10.1	3.3	5.1	0.5	6.3	2.1	1.3	0.2
	1BC	1.1	0.4	2.0	4.7	9.4	3.7	5.0	0.1	6.6	2.5	1.3	0.2
	1BD	1.4	0.9	2.6	4.1	8.0	2.8	4.6	1.5	5.4	2.1	1.2	0.2
	1BE	1.1	0.7	1.9	5.2	7.6	3.4	5.1	0.2	6.0	2.9	1.2	0.3
	1BG	1.1	0.9	2.1	5.7	7.2	3.3	5.1	0.2	6.1	3.0	1.4	0.3
	1BH	1.1	0.9	2.3	6.2	7.0	3.2	4.5	0.2	6.0	3.2	1.5	0.3
	1CA	1.6	0.9	3.3	3.2	8.6	2.5	4.2	2.8	5.1	1.1	0.9	0.2
	1CB	1.6	0.8	3.5	2.9	8.4	2.5	4.2	3.3	5.1	1.0	0.9	0.2
	1CC	1.9	1.1	3.9	3.2	9.3	2.6	4.9	3.1	5.6	1.5	1.3	0.3
	1CD	1.9	1.0	4.4	3.5	8.4	2.9	4.5	2.1	4.9	2.1	1.3	0.3
	1CE	1.4	0.8	3.1	4.7	7.7	2.9	3.5	1.1	5.6	2.4	1.5	0.2
	1DA	1.8	1.0	4.1	5.7	7.6	3.5	3.8	0.8	5.5	3.1	1.6	0.6
	1DB	1.3	1.0	2.8	6.5	6.8	3.5	4.1	0.3	5.9	3.7	1.5	0.6
	1DC	1.6	1.2	3.8	6.9	6.8	3.9	4.1	0.8	5.9	3.7	1.8	0.9
	1DD	1.5	1.2	3.9	7.3	6.6	4.2	4.2	0.8	5.9	4.3	2.0	1.0
	1EA	2.5	1.6	5.6	4.8	8.4	3.6	5.3	1.6	5.3	2.3	2.0	0.8
	1EB	2.4	1.7	4.9	6.3	7.2	4.0	5.5	2.4	5.6	2.0	2.3	1.2
	1EC	2.3	1.2	5.2	5.7	7.6	4.0	4.8	1.3	5.3	2.9	1.9	0.9
	1ED	1.9	1.3	4.9	6.7	7.0	4.3	5.1	1.2	5.9	3.8	2.3	1.1
	1EE	1.4	1.0	4.9	6.9	6.9	4.0	4.8	0.7	5.7	5.2	2.4	0.8
	1EF	1.3	0.9	4.5	6.9	6.5	3.5	4.5	0.7	5.6	5.7	2.2	0.6
	1EG	2.0	1.3	5.3	6.2	7.0	3.7	4.8	1.4	5.8	4.0	2.4	0.8
	1FA	2.2	1.2	4.2	3.6	9.5	2.9	5.4	3.0	5.9	2.0	1.6	0.3
	1FB	2.5	1.6	5.4	3.6	9.0	2.9	5.6	1.7	5.3	2.5	1.8	0.5
	1FC	2.7	1.9	5.8	3.7	9.4	2.8	5.9	1.1	5.4	2.9	2.1	0.5
	1FD	2.8	1.8	5.2	3.6	9.5	2.6	5.8	1.1	5.7	3.0	2.1	0.4
	1FE	2.9	2.0	5.8	5.1	8.0	3.2	5.2	2.0	4.8	2.4	2.4	0.9
	1FF	2.8	1.8	5.2	5.6	7.3	2.9	4.3	2.5	4.3	2.5	2.6	0.7
	1FG	2.0	1.2	4.7	5.9	6.4	2.7	3.9	1.7	5.7	4.5	2.2	0.5
LVSCA	1GA	2.5	1.3	4.9	3.8	8.4	2.9	4.6	3.1	5.7	2.1	1.6	0.3
	1GB	3.5	1.9	6.2	3.6	6.8	2.3	4.5	1.4	4.3	3.3	1.9	0.5
	1GC	2.8	1.4	5.0	4.1	6.9	3.7	3.9	5.0	5.1	1.7	1.9	0.4
	1GD	3.8	1.4	6.8	3.9	4.6	2.6	3.3	2.8	3.0	3.0	1.6	0.5
	1GE	4.1	1.3	6.9	4.3	4.5	3.2	3.6	3.7	2.6	3.1	1.8	0.5
	1GF	3.7	1.4	5.9	4.8	4.3	2.8	2.8	3.4	2.5	3.2	1.7	0.7
	1GG	2.8	1.3	5.8	4.0	7.3	3.5	4.1	3.8	5.1	2.0	1.5	0.3
	1HA1	3.3	1.8	5.6	4.7	6.7	2.1	3.5	2.4	3.0	2.8	2.4	0.6
	1HA2	3.7	1.5	6.0	4.3	5.1	1.8	2.9	2.5	2.4	3.2	2.1	0.5
	1HB1	2.6	1.4	4.9	5.3	6.5	2.4	3.4	2.2	4.9	3.8	2.2	0.4
	1HB2	3.0	1.7	4.9	5.4	6.5	2.1	2.9	2.8	2.9	2.7	2.5	0.5
	1HC	2.1	1.2	4.9	4.9	6.2	2.1	3.1	2.1	5.5	4.4	2.0	0.3
	1HD	2.8	1.9	5.4	5.4	5.9	3.6	2.5	3.8	4.2	3.1	1.3	0.9
	1HE	2.4	1.9	5.6	5.1	6.9	3.6	2.4	4.0	4.8	3.1	1.1	0.9
	1HF	2.0	1.1	6.0	3.3	6.5	2.3	2.0	3.1	5.3	4.0	1.7	0.4
	1HG	1.9	1.1	5.8	3.6	6.3	2.3	2.2	2.8	5.3	4.1	1.6	0.4
	1JA	3.0	2.1	5.2	4.8	6.7	4.3	3.5	4.2	4.5	2.2	2.2	0.5
	1JB	3.2	2.4	6.7	5.4	6.9	5.4	4.1	3.9	3.7	3.0	2.0	0.5
	1JC	3.8	1.9	6.7	4.9	7.0	5.0	4.5	5.0	3.8	2.7	2.2	0.4
	1JD	3.8	2.0	6.9	5.2	5.9	5.1	4.2	4.5	3.5	3.3	1.9	0.6
	1JE	2.3	2.8	5.0	5.6	5.7	4.6	1.9	1.8	4.3	2.7	1.3	1.0
	1JF	2.5	2.6	5.0	5.5	5.5	4.7	2.8	2.9	4.8	3.0	1.7	0.8
	1JG1	3.2	2.0	5.9	5.5	5.0	4.6	3.3	3.9	4.0	3.5	1.4	0.9
	1JG2	3.0	1.8	5.2	5.4	5.3	3.1	2.4	3.4	3.2	3.1	1.4	0.9
	1KA	2.5	1.9	5.9	4.8	6.9	3.9	2.2	3.8	5.0	3.0	0.9	1.1
	1KB	2.4	1.5	5.9	4.1	5.7	3.7	1.8	2.6	4.8	3.4	1.2	1.0
	1KC	2.8	1.7	5.6	4.3	5.0	4.0	1.5	2.0	4.0	3.1	1.3	1.1
	1LA1	2.5	2.5	4.1	5.2	6.4	3.5	2.4	2.9	4.1	2.0	2.1	0.6
	1LA2	2.7	2.3	5.2	4.9	5.3	3.9	1.5	1.6	3.6	2.5	1.2	1.1
	1LA3	2.5	1.1	3.6	4.0	4.9	1.5	0.8	0.9	1.3	1.1	1.0	0.5
	1LB1	2.1	2.1	3.7	4.7	5.7	2.8	1.9	2.2	3.6	1.8	1.8	0.7
	1LB2	2.3	1.5	4.0	4.1	5.1	1.9	0.9	0.8	1.8	1.1	1.1	0.6

Monthly Rainfall by Sub-basin

Year 2005 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.2	0.0	0.5	2.0	0.8	0.1	0.3	0.0	1.3	0.6	0.4	0.0
	2AB	0.2	0.0	0.6	1.8	0.5	0.1	0.5	0.0	1.9	0.2	0.4	0.0
	2BA	1.2	0.3	1.9	4.0	9.1	3.2	4.6	0.1	7.1	2.2	1.2	0.2
	2BB	1.2	0.3	1.6	3.3	7.2	1.8	3.3	0.1	6.9	1.7	1.1	0.2
	2BC	1.0	0.4	1.4	3.5	6.7	2.1	3.6	0.1	7.0	1.9	0.8	0.2
	2BD	0.5	0.2	1.0	1.6	2.7	0.2	1.6	0.1	4.2	0.7	0.5	0.1
	2CA	0.3	0.1	0.8	1.3	1.9	0.2	1.4	0.0	3.0	0.4	0.3	0.0
	2CB	1.5	1.2	3.8	3.6	9.6	2.6	4.3	3.0	6.9	1.0	1.0	0.2
	2CC	0.9	0.4	1.6	2.4	5.3	1.1	2.7	0.6	5.2	1.1	0.8	0.1
	2D	1.0	0.4	1.6	3.0	6.0	1.5	3.7	4.5	4.8	1.0	0.9	0.1
	2EA	0.5	1.0	2.2	3.1	5.1	2.6	3.8	3.3	4.5	1.6	1.2	0.4
	2EB	0.8	1.1	2.2	3.2	5.7	2.5	4.2	4.3	4.8	1.1	1.1	0.3
	2EC	1.2	0.9	1.8	3.0	3.9	2.5	3.3	4.2	4.3	1.7	1.9	0.4
	2ED	1.4	1.0	3.0	3.8	8.1	3.0	3.9	5.2	6.4	1.0	1.4	0.3
	2EE	0.9	1.4	3.8	3.1	8.3	2.6	4.4	4.7	6.1	0.9	1.0	0.2
	2EF	0.9	1.2	3.0	3.3	6.5	2.8	3.7	4.7	5.5	1.1	1.7	0.4
	2EG1	2.2	1.1	1.6	3.4	5.0	2.7	3.0	5.4	5.4	1.2	2.5	0.5
	2EG2	1.0	1.2	2.9	3.0	6.1	2.6	4.1	5.0	5.2	1.1	1.3	0.3
	2EH	1.4	1.2	3.6	3.3	8.5	2.5	5.1	5.7	7.1	1.0	0.9	0.2
	2EJ	1.7	0.6	1.4	3.1	5.6	1.8	4.6	8.3	4.2	0.9	1.0	0.2
	2EK	1.5	0.9	1.9	3.3	6.3	2.2	4.6	7.2	4.6	0.8	1.0	0.3
	2FA	1.4	0.8	1.1	3.5	5.4	2.2	2.6	3.4	3.8	2.9	0.9	0.8
	2FB	0.8	0.7	1.9	3.0	4.3	2.8	3.1	3.8	4.2	2.0	1.4	0.5
	2FC	1.7	0.8	1.5	3.4	4.6	2.4	2.8	3.8	4.2	2.2	1.5	0.6
	2GA	1.2	0.9	1.1	3.2	5.0	1.9	2.0	3.2	4.0	2.9	0.8	0.6
	2GB	1.2	0.9	1.1	3.3	5.5	2.2	2.2	3.2	4.2	3.0	0.9	0.6
	2GC	1.6	1.3	1.5	3.3	5.7	1.8	1.0	2.5	4.1	3.3	1.4	0.4
	2GD	1.6	1.0	1.4	3.4	4.9	1.4	1.4	2.5	3.4	2.7	1.0	0.4
	2H-1	2.2	0.9	2.5	4.7	5.3	0.6	0.6	0.9	0.8	1.4	2.1	0.2
	2H-2	2.6	0.9	3.0	5.9	5.7	0.5	0.4	0.4	0.1	1.2	2.6	0.1
	2H-3	2.2	0.9	3.2	5.8	3.8	0.2	0.2	0.2	0.0	0.9	3.0	0.2
	2J	0.3	0.1	0.7	1.9	1.1	0.1	0.8	0.0	2.9	0.3	0.4	0.0
	2KA	1.8	0.9	2.8	3.6	4.8	1.0	1.2	1.6	1.9	1.0	1.2	0.4
	2KB	2.3	0.6	2.5	3.8	4.7	0.3	0.5	0.8	0.2	0.6	1.0	0.1
	2KC	2.5	0.6	2.8	4.4	4.6	0.2	0.4	0.6	0.1	0.7	1.3	0.1
ACA	3AA	2.5	1.0	2.9	6.2	6.8	0.7	0.4	0.3	0.1	1.5	3.3	0.1
	3AB	2.0	0.8	3.6	6.1	3.6	0.3	0.1	0.1	0.1	1.0	2.6	0.2
	3AC	1.4	0.6	2.8	6.1	5.8	0.7	0.2	0.2	0.2	0.9	2.9	0.2
	3BA	2.3	0.9	2.4	6.5	8.7	1.1	0.6	0.4	0.4	1.7	3.8	0.1
	3BB	2.0	0.9	2.3	6.8	9.9	1.6	0.7	0.6	0.9	2.0	4.2	0.1
	3BC	2.0	1.2	2.2	6.7	10.0	1.8	0.8	0.8	1.4	2.3	4.0	0.1
	3BD	1.8	1.0	2.2	6.8	9.8	1.7	0.8	0.8	1.3	2.2	4.0	0.1
	3CB	1.6	0.8	2.2	7.0	9.3	1.4	0.6	0.6	1.2	1.9	3.9	0.1
	3DA	1.2	0.5	2.9	5.5	4.5	0.2	0.1	0.0	0.4	0.6	2.0	0.3
	3DB	0.6	0.4	1.9	6.0	2.4	0.0	0.0	0.2	0.4	0.9	4.1	0.3
	3EA	0.7	0.7	2.8	5.4	2.9	0.1	0.0	0.1	0.1	0.5	2.5	0.3
	3EB	0.6	0.6	2.4	6.4	2.6	0.0	0.0	0.2	0.2	0.8	3.0	0.2
	3EC	0.5	0.5	2.1	6.9	2.4	0.0	0.1	0.2	0.1	0.8	4.1	0.3
	3ED	0.5	0.3	1.7	7.1	2.1	0.0	0.1	0.5	0.4	1.1	4.8	0.3
	3FA	0.7	0.4	2.3	5.0	2.0	0.0	0.1	0.2	0.1	0.7	4.7	0.4
	3FB	0.4	0.1	1.5	2.7	1.1	0.0	0.1	0.2	0.1	0.9	4.4	0.2
	3G	1.0	0.1	1.6	3.2	1.4	0.0	0.1	0.1	0.2	1.3	4.1	0.2
	3HA	0.7	0.2	1.3	2.3	1.3	0.0	0.2	0.2	0.3	0.9	4.0	0.3
	3HB	0.6	0.1	2.2	2.3	2.1	0.9	0.8	0.3	0.6	0.9	3.8	0.8
	3HC	0.5	0.0	2.1	2.3	4.6	2.6	1.6	0.4	0.8	0.9	3.1	1.0
	3HD1	0.6	0.0	2.2	3.0	4.7	3.5	1.6	0.6	1.0	1.0	2.8	1.2
	3HD2	0.5	0.0	2.0	2.6	6.0	3.1	1.8	0.5	0.7	0.8	2.9	0.9
	3J	1.7	0.1	1.8	3.4	1.3	0.1	0.3	0.3	0.4	1.2	3.1	0.3
	3K	1.6	0.0	1.4	3.0	4.0	2.6	2.3	1.1	0.9	1.4	4.0	0.3
	3LA	0.8	0.0	2.5	2.7	2.1	1.0	1.0	0.5	0.6	1.0	3.8	0.8
	3LB	0.6	0.0	2.2	3.0	4.5	3.4	1.6	0.7	0.9	1.0	3.5	0.8
	3MA-1	1.2	0.0	2.2	3.5	1.7	0.2	0.6	0.3	0.6	1.2	3.2	0.6
	3MA-2	1.3	0.0	2.0	2.9	2.5	1.1	1.4	0.6	0.7	1.1	3.3	0.6
	3MB	1.3	0.0	2.0	3.1	3.3	2.3	2.0	1.1	0.9	1.1	4.2	0.6
	3MC	1.6	0.0	1.4	2.7	3.6	2.4	2.3	1.0	0.8	1.3	3.7	0.3
	3MD1	1.1	0.0	1.9	4.7	4.5	4.1	2.0	1.5	1.1	1.0	4.8	0.5
	3MD2	1.6	0.0	1.0	3.7	4.7	4.2	2.7	1.5	1.1	1.5	5.0	0.4
	3N	1.1	0.5	2.4	4.4	1.9	0.0	0.1	0.1	0.0	0.8	4.1	0.4

Monthly Rainfall by Sub-basin

Year 2005 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.9	0.3	1.1	5.5	7.3	0.7	1.1	0.8	2.2	2.7	3.6	1.0
	4AB	1.0	0.6	1.2	4.9	6.9	1.0	1.1	1.1	3.4	2.6	2.9	0.8
	4AC	1.1	0.9	1.3	5.0	7.5	1.1	0.9	1.2	3.2	2.8	3.2	0.6
	4AD	1.4	1.2	1.4	5.1	8.0	1.3	1.0	1.3	3.3	3.0	3.4	0.5
	4BA	0.7	0.7	0.8	6.5	10.2	0.8	0.8	0.6	2.0	2.7	4.1	0.6
	4BB	0.8	0.3	1.0	6.0	8.7	0.7	0.9	0.7	1.7	2.8	4.1	0.9
	4BC	0.6	0.4	0.7	6.5	10.2	0.7	0.8	0.6	1.7	2.9	4.1	0.5
	4BD	1.3	1.4	1.1	6.1	9.9	1.4	0.9	1.1	2.8	2.9	4.1	0.3
	4BE	1.1	1.2	1.1	6.6	10.6	1.2	0.8	0.8	2.3	2.7	4.2	0.2
	4BF	1.0	0.6	1.4	7.1	10.3	0.7	0.4	0.3	1.4	1.9	3.9	0.1
	4BG	1.2	0.4	1.6	5.8	8.9	0.3	0.2	0.1	1.0	1.5	3.0	0.2
	4CA	1.8	1.6	1.8	5.9	9.0	1.9	1.0	1.5	3.0	2.9	3.5	0.2
	4CB	1.6	1.4	1.8	7.0	10.3	1.8	0.9	1.0	2.4	2.7	4.3	0.1
	4CC	1.4	0.3	2.4	6.2	7.3	0.4	0.2	0.1	0.8	1.1	2.7	0.3
	4DA	0.7	0.4	0.8	6.1	9.3	0.7	0.7	0.7	1.4	3.1	4.1	0.5
	4DB	0.7	0.4	0.9	6.5	8.8	1.0	0.8	0.9	1.4	4.1	4.9	0.5
	4DC	0.8	0.4	1.0	6.7	8.6	1.2	0.9	1.0	1.2	4.8	5.5	0.5
	4DD	0.8	0.2	1.0	5.6	7.0	0.5	0.4	0.5	1.0	2.8	4.6	0.6
	4DE	1.2	0.3	1.9	4.9	5.3	0.1	0.1	0.1	0.8	1.1	3.1	0.7
	4EA	1.4	0.5	1.1	6.2	7.9	1.2	0.5	0.7	0.9	5.0	9.6	0.7
	4EB	1.4	0.6	1.2	6.1	8.3	1.6	0.7	0.9	0.9	5.5	8.6	0.6
	4EC	1.3	0.4	1.2	5.6	7.4	1.1	0.6	0.9	0.9	4.2	7.1	0.5
	4ED	1.7	0.1	1.4	3.8	4.6	0.2	0.1	0.3	0.8	1.4	7.2	0.9
	4FA	1.3	0.3	0.9	6.1	7.4	0.7	0.4	0.6	0.8	4.0	9.9	0.8
	4FB	1.6	0.2	0.9	5.4	7.0	0.5	0.2	0.5	0.4	3.0	10.0	0.6
	4GA	1.5	0.1	0.6	4.4	5.4	0.3	0.1	0.3	0.2	2.1	8.1	0.4
	4GB	1.6	0.0	0.5	3.0	5.6	0.2	0.1	0.3	0.2	1.0	7.2	0.3
	4GC	0.8	0.0	0.3	1.5	5.0	0.1	0.2	0.1	0.1	0.2	3.8	0.2
	4GD	0.9	0.1	0.8	1.4	4.2	0.2	0.6	0.2	0.3	0.4	4.6	0.4
	4GE	1.0	0.0	1.1	2.7	3.7	0.3	0.6	0.5	0.5	0.8	6.9	0.6
	4GF	0.2	0.0	1.6	3.1	3.9	0.8	1.6	0.6	0.5	0.8	5.7	0.5
	4GG	0.2	0.0	2.4	1.9	6.3	2.7	3.2	0.4	0.4	0.7	4.0	0.8
	4HA	0.3	0.1	1.2	4.6	1.5	0.0	0.1	0.5	0.5	1.0	5.9	0.3
	4HB	0.2	0.0	1.6	2.9	2.4	0.9	1.2	0.6	0.4	0.9	5.3	0.4
	4HC	0.5	0.1	1.7	2.2	2.0	0.7	0.7	0.3	0.4	0.8	3.8	0.6
	4JA	0.3	0.1	0.9	1.2	5.3	0.7	1.5	0.2	0.1	0.3	2.7	0.2
	4JB	0.0	0.0	2.1	1.8	8.3	1.8	3.5	0.4	0.2	0.6	3.8	0.4
	4KA	0.0	0.0	1.9	1.6	7.9	1.5	3.1	0.4	0.2	0.5	3.5	0.4
	4KB	0.0	0.0	2.1	1.7	8.0	1.8	3.3	0.4	0.2	0.6	3.7	0.4
ENNCA	5AA	0.6	0.7	1.0	4.1	5.7	2.2	3.2	2.6	4.5	1.2	1.2	0.4
	5AB	0.5	0.5	0.7	4.4	5.5	1.8	2.3	1.8	4.6	1.4	1.4	0.3
	5AC	0.5	0.4	0.4	4.4	5.2	1.3	2.2	2.5	3.1	0.6	1.5	0.2
	5AD	0.3	0.3	0.3	4.8	4.8	1.3	1.6	1.0	4.1	1.0	1.5	0.2
	5BA	0.8	0.3	1.0	5.0	5.7	0.9	1.3	1.0	3.8	2.3	2.4	0.7
	5BB	0.7	0.4	0.9	4.7	5.6	1.2	1.4	1.2	4.4	2.4	1.7	0.5
	5BC-1	0.6	0.2	0.6	5.1	4.8	1.1	1.7	1.0	4.1	1.9	1.9	0.5
	5BC-2	0.3	0.2	0.2	4.9	3.9	0.9	1.7	0.9	3.9	1.1	1.3	0.2
	5BD	0.4	0.3	0.5	4.8	5.1	1.5	1.9	1.3	4.8	1.5	1.4	0.2
	5BE	1.0	0.1	0.7	5.0	3.9	0.7	1.5	0.7	3.4	2.1	3.0	0.7
	5CA	0.5	0.2	0.4	3.5	4.6	1.2	2.7	3.7	3.2	0.6	1.2	0.2
	5CB	0.3	0.2	0.8	3.6	3.8	0.6	1.9	2.2	2.1	0.8	1.1	0.3
	5CC	0.4	0.2	0.7	3.6	4.7	0.9	2.4	3.4	2.4	0.9	1.0	0.2
	5DA	1.1	0.2	1.5	4.6	3.7	0.2	0.6	0.2	1.4	3.0	4.5	1.0
	5DB	0.9	0.2	1.0	4.2	3.1	0.4	1.3	0.5	2.6	1.6	2.3	0.6
	5DC	0.2	0.2	0.2	3.9	4.0	0.8	1.9	1.1	3.0	0.6	1.2	0.1
	5DD	0.3	0.2	0.8	3.8	3.4	0.4	1.4	0.5	2.1	1.0	1.5	0.4
	5EA	0.1	0.2	0.1	1.6	1.1	0.1	0.2	0.0	0.0	0.3	0.8	0.0
	5EB	0.3	0.1	0.1	2.3	2.6	0.3	0.2	0.0	0.1	0.9	1.0	0.0
	5EC	0.4	0.1	0.4	3.8	4.4	0.3	0.3	0.1	0.3	1.8	1.5	0.1
	5ED	0.8	0.1	0.6	4.0	3.9	0.2	0.2	0.1	0.2	1.7	4.3	0.3
	5FA	0.8	0.1	0.1	1.7	3.0	0.1	0.2	0.1	0.1	0.3	2.9	0.1
	5FB	0.4	0.2	0.0	1.1	1.2	0.0	0.2	0.0	0.0	0.2	1.3	0.0
	5G	0.1	0.1	0.1	1.7	0.8	0.1	0.1	0.0	0.0	0.2	0.4	0.0
	5HA	0.0	0.0	0.3	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	5HB	0.0	0.0	0.2	1.5	0.6	0.1	0.1	0.0	0.0	0.1	0.3	0.0
	5J	0.2	0.1	0.3	2.5	2.7	0.2	0.2	0.1	0.7	1.1	0.5	0.0

Monthly Rainfall by Sub-basin

Year 2006 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.9	3.8	5.9	9.8	4.5	4.4	4.0	4.3	6.5	4.9	8.1	6.0
	1AB	1.5	3.6	5.1	9.1	3.9	4.3	3.7	4.8	6.4	4.6	8.0	4.9
	1AC	1.8	3.9	6.0	10.4	4.3	5.1	3.9	4.8	6.8	4.3	8.6	5.9
	1AD	2.3	4.2	7.0	10.8	5.4	4.4	4.1	4.0	7.1	5.0	8.5	7.2
	1AE	2.8	4.0	6.9	10.0	5.4	2.9	4.6	3.2	7.6	5.8	7.5	7.7
	1AF	2.1	4.2	7.0	11.0	5.2	4.8	4.0	4.0	6.7	4.8	8.8	7.2
	1AG	2.0	4.1	7.2	11.4	5.6	5.2	3.9	3.9	6.1	4.8	9.2	7.6
	1AH	2.5	3.9	6.9	10.4	5.6	3.5	4.1	3.5	6.3	5.2	8.1	8.1
	1BA	1.4	1.2	4.0	7.9	2.6	2.4	4.2	6.3	2.4	5.0	9.8	5.5
	1BB	0.9	1.3	3.3	7.1	2.4	2.3	3.5	6.3	3.5	4.8	7.5	3.8
	1BC	0.5	1.6	2.4	6.5	2.5	2.5	2.8	6.8	4.4	4.2	6.7	2.6
	1BD	1.2	2.1	3.9	6.8	3.3	2.9	4.1	6.2	4.8	4.2	7.4	4.4
	1BE	0.7	2.3	2.7	6.7	3.5	2.9	3.0	5.6	5.7	4.6	6.8	2.7
	1BG	1.0	2.8	3.4	7.2	3.9	3.4	3.5	5.4	6.4	4.6	6.9	3.1
	1BH	1.2	3.1	4.1	8.1	4.0	4.0	3.8	5.3	6.6	4.4	7.1	3.7
	1CA	1.2	1.9	4.1	7.1	3.0	2.7	4.5	7.8	3.7	3.3	8.7	5.9
	1CB	1.3	2.2	4.0	7.4	3.1	3.1	4.8	8.7	4.1	2.4	8.3	6.0
	1CC	1.5	2.1	4.1	8.2	2.9	4.1	5.1	8.3	3.7	2.2	7.9	6.1
	1CD	1.3	2.6	4.8	8.5	4.0	4.1	5.1	7.0	6.1	2.8	6.7	5.5
	1CE	1.5	2.7	4.7	8.2	4.5	4.5	5.0	5.8	7.3	3.4	6.1	4.3
	1DA	1.5	3.5	6.0	10.9	5.3	5.3	4.9	5.4	8.2	3.4	7.5	5.3
	1DB	1.3	3.5	5.1	9.5	4.2	4.7	3.9	5.1	6.7	4.2	7.9	4.7
	1DC	1.5	3.9	6.6	11.5	5.1	5.7	4.1	4.8	7.0	3.9	8.9	6.2
	1DD	1.7	4.1	7.1	11.7	5.3	5.9	3.9	4.4	6.4	4.2	9.4	6.9
	1EA	1.5	3.5	6.7	11.7	5.7	5.8	5.5	5.0	8.2	3.2	8.0	6.1
	1EB	1.4	3.7	7.5	13.2	6.2	6.4	4.9	4.3	7.6	3.6	9.2	6.7
	1EC	1.4	3.9	7.0	12.2	6.2	5.8	4.9	5.1	8.5	3.5	8.5	6.3
	1ED	1.8	4.1	7.6	12.4	6.7	6.1	4.0	4.2	6.1	4.2	9.5	8.0
	1EE	2.2	3.9	7.3	11.4	6.8	5.1	3.6	3.8	4.7	4.5	9.1	8.8
	1EF	2.4	3.6	6.8	10.7	5.9	4.1	3.6	3.7	5.1	4.5	8.6	8.4
	1EG	2.1	3.5	7.3	11.7	6.9	5.5	3.4	3.8	4.4	4.0	9.5	8.9
	1FA	1.6	2.0	4.4	8.9	3.0	5.2	5.4	7.6	3.7	2.3	7.4	6.0
	1FB	1.6	2.8	5.7	9.3	3.8	5.0	5.5	5.8	5.6	2.7	7.5	6.2
	1FC	1.8	2.8	6.3	10.0	3.7	5.6	5.8	5.0	5.2	2.7	7.9	6.4
	1FD	1.9	2.3	5.9	9.7	3.0	5.6	5.4	4.8	4.2	2.7	8.0	6.2
	1FE	1.8	3.2	7.0	11.5	5.2	5.8	4.6	3.7	6.3	3.3	9.3	7.5
	1FF	2.1	2.6	6.6	10.9	5.3	5.1	3.4	3.2	4.9	3.5	10.1	7.9
	1FG	2.5	2.8	6.4	10.7	5.3	4.0	3.1	3.6	4.0	3.5	9.0	8.3
LVSCA	1GA	1.8	2.3	5.8	9.5	3.3	5.3	4.6	5.9	3.3	3.1	8.2	7.3
	1GB	2.3	2.7	6.8	9.4	2.8	4.9	4.1	3.0	4.1	2.9	9.3	7.6
	1GC	2.0	2.1	5.3	8.8	4.3	4.4	4.4	5.7	2.8	3.7	9.3	8.7
	1GD	2.9	2.7	6.5	9.0	3.4	4.0	3.3	3.0	3.7	3.8	10.6	8.4
	1GE	3.0	2.3	6.2	9.0	4.0	4.0	3.6	3.2	4.0	4.0	11.0	8.0
	1GF	3.3	2.2	5.4	8.3	3.9	3.4	2.7	2.8	3.9	3.6	11.1	7.0
	1GG	2.2	2.6	6.2	10.0	4.3	5.0	4.6	5.6	3.0	4.0	9.1	8.8
	1HA1	2.6	2.0	6.0	9.0	3.5	4.4	2.8	2.4	4.3	3.2	10.5	7.4
	1HA2	2.9	1.9	5.9	8.0	2.8	3.7	2.2	2.1	4.0	3.1	10.9	7.4
	1HB1	2.4	2.3	6.1	10.2	4.9	4.0	2.5	3.2	3.6	3.2	9.6	8.1
	1HB2	2.6	1.7	5.9	9.2	4.1	4.0	2.2	2.5	4.1	3.3	10.8	7.8
	1HC	2.6	2.2	5.9	9.9	4.7	3.3	2.3	3.2	3.3	3.0	8.7	7.7
	1HD	3.3	3.7	5.7	9.3	5.9	3.3	2.5	2.8	3.8	3.5	9.9	7.0
	1HE	3.1	4.0	6.1	9.5	6.6	3.2	2.0	2.7	3.8	3.2	8.8	6.7
	1HF	2.6	2.3	5.8	8.5	5.4	2.3	1.0	2.3	3.3	2.9	7.5	5.7
	1HG	2.6	2.5	5.9	8.9	5.5	2.6	1.3	2.6	3.4	2.9	7.8	6.2
	1JA	2.3	2.6	5.6	9.3	5.7	3.4	4.3	4.5	2.8	3.7	10.3	9.5
	1JB	2.8	3.4	6.6	11.3	6.9	4.0	5.2	4.0	3.2	4.5	10.7	10.5
	1JC	2.6	2.6	6.4	10.6	6.0	4.6	5.4	4.7	3.5	4.6	10.5	9.8
	1JD	3.1	3.0	6.2	10.7	6.0	4.3	5.1	4.0	3.7	4.6	10.8	9.1
	1JE	2.6	4.4	6.0	9.5	6.3	2.1	2.5	2.6	3.0	3.1	10.2	9.7
	1JF	2.9	3.8	5.7	10.1	6.1	2.7	3.8	3.3	3.0	3.5	10.4	9.3
	1JG1	3.5	3.7	5.6	10.1	5.7	3.5	3.9	3.3	3.8	4.0	10.5	7.6
	1JG2	3.4	3.2	5.4	8.8	5.0	3.3	2.3	2.7	3.8	3.5	10.6	7.0
	1KA	2.8	4.6	6.3	9.3	7.1	3.0	2.0	2.8	3.8	3.3	8.5	6.5
	1KB	2.6	3.8	5.9	8.5	5.9	2.4	1.7	2.6	3.4	3.1	8.3	6.7
	1KC	2.2	4.0	5.7	7.8	5.4	2.1	1.8	2.6	3.2	3.0	9.1	7.9
	1LA1	1.9	2.8	5.5	8.4	5.8	2.1	2.7	3.3	2.6	2.5	10.4	9.6
	1LA2	2.3	4.3	5.8	8.3	5.7	2.0	1.9	2.6	2.9	2.6	9.7	8.8
	1LA3	1.7	3.1	4.8	7.1	3.1	1.0	0.7	1.3	1.3	1.1	8.2	7.3
	1LB1	2.0	2.6	5.1	8.0	5.0	1.5	2.0	2.8	2.1	1.9	10.0	8.7
	1LB2	1.9	3.5	5.1	7.6	3.6	1.1	0.9	1.5	1.5	1.3	9.0	8.0

Monthly Rainfall by Sub-basin

Year 2006 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.1	1.1	4.2	0.3	0.0	0.6	0.6	0.3	3.0	2.6	2.1
	2AB	0.0	0.1	1.3	3.0	0.2	0.2	0.6	0.9	0.4	2.1	3.8	2.0
	2BA	0.4	1.2	2.5	6.4	2.0	2.4	2.7	6.6	3.6	3.8	6.7	2.6
	2BB	0.5	0.9	2.4	6.0	2.0	2.2	2.6	5.9	2.8	4.2	6.9	2.8
	2BC	0.3	1.1	2.1	5.8	2.3	2.3	2.3	5.3	3.4	3.9	6.8	2.3
	2BD	0.1	0.4	1.6	3.5	1.0	1.1	1.2	3.3	1.4	2.8	5.7	2.1
	2CA	0.1	0.3	1.3	2.9	0.5	0.6	0.9	2.1	0.9	2.2	5.0	2.0
	2CB	1.6	1.3	3.8	8.6	2.6	3.8	4.6	6.7	1.9	3.9	11.1	6.4
	2CC	0.5	0.6	2.2	5.3	1.4	1.8	2.3	4.3	1.7	3.5	6.5	2.9
	2D	1.0	0.4	2.3	5.7	1.6	2.0	2.8	3.8	0.9	3.3	7.9	4.5
	2EA	0.5	0.7	2.6	3.5	2.2	2.6	2.8	3.9	1.2	2.2	5.2	5.8
	2EB	0.6	0.7	2.6	3.6	1.6	2.8	2.9	4.1	1.1	2.4	5.5	5.6
	2EC	0.6	0.4	2.5	3.5	2.9	1.9	2.7	3.9	1.3	2.1	6.9	6.7
	2ED	1.1	1.3	3.0	7.0	2.6	4.5	3.8	7.3	2.4	2.2	6.8	6.8
	2EE	1.2	0.9	2.2	5.4	1.5	3.6	3.5	5.2	1.3	2.7	7.6	6.1
	2EF	0.8	0.8	2.1	4.6	2.1	3.1	3.0	5.2	1.6	2.2	6.3	6.8
	2EG1	1.0	0.6	3.0	4.6	3.1	2.2	2.9	5.0	1.8	2.2	8.6	6.8
	2EG2	0.9	0.6	2.1	3.9	1.8	2.9	3.0	4.2	1.1	2.4	6.5	6.3
	2EH	1.5	0.6	3.0	6.8	2.2	4.0	4.2	5.1	1.0	3.7	10.9	6.0
	2EJ	0.9	0.3	2.1	3.9	1.4	1.9	2.6	3.5	0.5	2.5	7.6	5.4
	2EK	0.8	0.5	2.2	3.7	1.2	2.4	2.9	3.7	0.7	2.5	6.6	5.2
	2FA	0.3	0.9	3.2	3.8	2.8	1.9	1.4	3.2	1.2	1.3	5.4	4.7
	2FB	0.5	0.6	2.7	3.7	3.4	2.1	2.5	3.6	1.3	2.0	6.2	5.8
	2FC	0.5	0.5	3.0	3.5	3.0	1.8	1.9	3.4	1.2	1.5	6.6	5.3
	2GA	0.2	1.1	3.2	4.4	2.5	1.6	1.4	2.9	1.2	1.4	5.2	4.6
	2GB	0.2	1.3	3.2	4.5	3.0	1.9	1.5	3.3	1.5	1.7	5.3	4.8
	2GC	0.2	1.6	2.8	5.4	3.9	1.6	1.0	2.2	1.7	2.3	6.1	4.7
	2GD	0.4	1.2	3.1	5.0	2.4	1.2	1.0	2.1	1.0	1.6	5.9	4.5
	2H-1	0.8	1.1	3.3	5.3	1.9	0.3	0.4	1.1	0.4	0.9	6.7	4.4
	2H-2	0.4	1.0	3.3	4.8	2.2	0.1	0.2	1.0	0.2	0.7	6.9	4.7
	2H-3	0.3	1.2	3.1	4.6	2.0	0.1	0.1	0.7	0.1	0.6	6.7	5.7
	2J	0.0	0.1	1.3	3.1	0.5	0.5	0.8	1.5	1.0	2.4	4.6	2.0
	2KA	1.9	1.9	4.1	7.4	2.7	0.8	1.0	1.8	1.1	0.7	8.5	6.3
	2KB	1.4	1.5	3.5	6.3	1.5	0.2	0.4	0.8	0.5	0.4	6.9	5.5
	2KC	1.1	1.3	3.6	5.7	1.5	0.1	0.3	0.7	0.4	0.4	6.6	5.3
ACA	3AA	0.3	0.7	3.0	4.5	2.6	0.1	0.1	1.2	0.1	0.7	7.1	3.7
	3AB	0.4	1.3	3.2	5.1	2.3	0.0	0.0	0.7	0.1	0.6	7.6	6.6
	3AC	0.8	1.4	3.5	6.8	3.5	0.1	0.0	0.7	0.3	0.9	9.9	6.0
	3BA	0.5	0.8	3.4	5.7	3.6	0.2	0.2	1.3	0.3	1.2	8.7	3.2
	3BB	0.5	0.9	4.3	7.4	4.6	0.4	0.3	1.6	0.4	1.8	10.3	3.7
	3BC	0.5	1.0	4.0	7.2	4.6	0.7	0.5	1.6	0.6	2.2	10.2	3.8
	3BD	0.5	1.1	4.3	7.7	4.9	0.7	0.5	1.6	0.6	2.2	10.7	4.3
	3CB	0.6	1.2	4.0	7.5	5.0	0.6	0.4	1.3	0.7	2.0	11.1	5.0
	3DA	1.1	1.7	3.2	7.4	2.8	0.1	0.0	0.3	0.5	1.0	10.4	6.2
	3DB	1.3	1.2	2.7	7.4	2.1	0.1	0.0	0.1	0.3	1.6	12.8	8.0
	3EA	1.0	1.7	2.9	6.4	2.6	0.1	0.0	0.3	0.3	0.7	10.6	8.0
	3EB	1.2	1.6	3.3	6.7	2.2	0.1	0.0	0.2	0.4	1.1	12.7	8.6
	3EC	1.0	1.6	3.9	6.8	2.4	0.1	0.0	0.3	0.4	1.3	13.3	9.0
	3ED	1.1	1.2	3.7	7.4	2.1	0.1	0.0	0.2	0.4	1.8	14.6	9.6
	3FA	0.5	1.1	3.4	5.7	2.3	0.1	0.0	0.2	0.3	1.4	9.5	8.3
	3FB	0.7	0.3	2.4	3.5	1.8	0.1	0.0	0.0	0.4	1.0	7.1	10.7
	3G	1.4	1.3	3.5	4.3	1.7	0.2	0.2	0.0	0.3	1.1	5.2	9.0
	3HA	0.2	0.1	2.8	2.8	1.2	0.1	0.1	0.0	0.6	0.7	4.3	9.9
	3HB	0.3	0.0	1.9	5.3	1.7	1.8	0.9	1.2	2.7	5.2	6.7	6.2
	3HC	0.2	0.0	1.0	7.0	2.9	4.4	2.1	2.6	2.9	8.9	6.1	3.3
	3HD1	0.2	0.0	0.8	8.6	3.2	4.8	2.1	2.8	3.2	10.0	6.3	2.8
	3HD2	0.1	0.0	1.0	7.6	3.9	5.1	2.4	2.8	2.8	9.0	5.4	3.3
	3J	1.5	1.5	4.2	4.9	1.7	0.2	0.2	0.0	0.2	1.7	3.9	6.9
	3K	0.3	0.1	2.0	9.9	4.1	4.0	1.4	2.4	2.5	10.5	8.7	2.4
	3LA	0.4	0.1	2.0	6.1	2.2	1.8	1.0	1.2	3.1	5.7	7.5	5.4
	3LB	0.2	0.0	0.7	9.3	3.6	4.9	2.2	2.7	3.6	10.0	7.0	2.7
	3MA-1	0.2	0.4	3.6	4.2	2.2	0.7	0.3	0.4	0.7	3.3	4.7	6.1
	3MA-2	0.3	0.2	2.6	7.0	3.0	2.5	1.0	1.6	2.3	7.5	7.7	3.8
	3MB	0.3	0.1	1.7	9.4	4.0	3.4	1.5	2.2	3.6	9.5	9.1	2.6
	3MC	0.3	0.1	1.9	9.9	3.7	3.9	1.4	2.4	2.4	10.5	8.7	2.2
	3MD1	0.2	0.1	1.6	10.4	6.5	4.2	2.1	2.4	4.0	9.5	9.9	2.8
	3MD2	0.2	0.1	1.8	10.1	5.3	4.5	1.6	2.5	2.7	10.7	8.7	2.7
	3N	0.7	1.4	3.2	5.1	2.3	0.1	0.1	0.2	0.2	1.2	7.1	7.3

Monthly Rainfall by Sub-basin

Year 2006 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.7	0.8	4.6	9.1	4.4	0.6	0.6	1.5	2.6	6.2	10.4	6.0
	4AB	0.6	1.0	4.0	7.3	3.9	0.8	0.8	1.8	2.1	4.5	9.2	4.7
	4AC	0.6	1.1	3.7	6.8	4.1	1.0	0.8	1.4	1.9	4.3	9.6	5.0
	4AD	0.5	1.2	3.3	6.5	4.3	1.3	0.8	1.5	1.9	4.3	9.3	4.8
	4BA	0.7	1.1	4.1	7.4	5.9	0.6	0.6	1.0	1.9	5.1	11.0	5.5
	4BB	0.6	0.9	4.8	9.3	5.4	0.6	0.6	1.1	2.7	6.5	10.9	6.5
	4BC	0.6	1.0	4.4	7.8	6.4	0.5	0.5	0.8	2.0	5.3	11.5	6.1
	4BD	0.5	1.2	3.0	5.8	5.2	1.2	0.7	1.2	1.4	4.0	9.9	4.8
	4BE	0.5	1.1	3.0	5.9	5.3	1.1	0.6	1.0	1.1	3.5	11.0	5.1
	4BF	0.7	1.2	3.7	7.0	5.8	0.5	0.4	0.7	0.8	2.3	11.8	5.7
	4BG	0.8	1.1	3.6	7.3	4.2	0.3	0.2	0.4	0.7	1.8	12.0	5.8
	4CA	0.3	1.3	3.0	6.1	4.4	1.5	0.8	1.7	1.1	3.1	9.2	4.5
	4CB	0.4	1.2	3.3	6.5	5.1	1.3	0.7	1.4	0.9	3.2	10.7	4.8
	4CC	1.0	1.4	3.8	7.7	3.9	0.2	0.2	0.5	0.6	1.4	11.5	6.0
	4DA	0.7	0.8	4.3	7.8	5.9	0.5	0.4	0.7	1.8	5.0	12.5	6.9
	4DB	1.0	1.2	4.5	8.3	6.9	0.5	0.5	0.8	1.9	6.3	14.3	8.6
	4DC	1.2	1.4	4.7	8.7	7.7	0.6	0.5	0.9	1.9	7.2	15.7	9.9
	4DD	0.9	0.7	3.9	6.7	4.7	0.4	0.3	0.3	0.9	4.0	13.7	8.0
	4DE	1.1	0.9	3.4	6.9	2.5	0.2	0.1	0.1	0.4	1.9	11.6	6.6
	4EA	1.9	2.7	2.6	11.6	6.8	0.2	0.2	1.0	1.3	9.6	19.7	12.2
	4EB	2.1	2.5	3.6	11.2	8.1	0.4	0.4	1.0	1.2	9.0	20.2	12.7
	4EC	1.5	1.6	3.9	9.0	6.6	0.4	0.4	0.5	1.0	6.5	17.7	10.5
	4ED	1.3	1.2	2.5	8.1	2.7	0.2	0.1	0.1	0.3	3.4	14.4	7.3
	4FA	1.5	2.5	1.9	11.6	5.3	0.1	0.1	0.9	1.2	9.2	18.3	10.9
	4FB	1.2	2.0	1.6	12.0	4.5	0.1	0.1	0.4	0.8	7.9	17.9	9.2
	4GA	0.7	1.5	1.0	11.8	3.0	0.0	0.0	0.3	0.6	6.6	15.6	6.8
	4GB	0.8	1.3	1.1	9.9	2.2	0.1	0.1	0.1	0.3	4.5	14.7	5.6
	4GC	0.8	0.7	1.0	6.6	1.3	0.1	0.2	0.0	0.2	2.6	11.6	3.7
	4GD	1.0	0.7	1.1	6.2	1.6	0.5	0.5	0.3	0.4	2.6	11.4	4.2
	4GE	1.1	0.7	1.3	7.6	2.0	0.5	0.6	0.3	0.4	3.1	12.7	6.2
	4GF	0.7	0.2	1.2	6.4	2.6	1.3	1.4	1.0	1.0	3.8	9.1	6.5
	4GG	0.2	0.1	0.6	5.0	3.7	3.5	2.9	2.4	2.2	6.3	4.7	4.5
	4HA	1.0	0.3	2.1	7.0	1.9	0.1	0.0	0.0	0.2	2.0	11.6	9.5
	4HB	0.5	0.0	1.4	5.6	2.2	1.1	1.0	0.9	0.9	3.6	8.1	8.2
	4HC	0.4	0.0	2.0	4.1	1.6	1.1	0.8	0.9	1.5	3.4	6.0	7.9
	4JA	0.6	0.3	0.6	5.0	2.1	1.6	1.2	0.7	1.0	3.2	7.5	3.2
	4JB	0.3	0.1	0.4	5.3	4.5	4.0	2.9	1.8	2.3	4.6	5.4	4.8
	4KA	0.3	0.1	0.5	5.1	4.0	3.5	2.6	1.6	2.0	4.1	5.9	4.5
	4KB	0.3	0.1	0.5	5.2	4.2	3.8	2.7	1.8	2.2	4.5	5.6	4.7
ENNCA	5AA	0.3	1.1	3.2	4.1	1.6	2.4	2.5	4.5	1.1	2.6	5.7	5.1
	5AB	0.3	1.2	3.1	4.2	1.6	1.9	2.1	4.5	1.0	2.8	6.2	5.2
	5AC	0.4	0.7	1.9	4.7	0.9	1.0	2.1	3.5	0.5	2.6	6.9	4.9
	5AD	0.3	0.9	2.4	4.3	1.0	0.9	1.5	4.1	0.5	2.8	6.7	4.8
	5BA	0.5	0.8	3.9	6.8	3.1	0.7	0.7	2.5	1.9	4.2	8.1	4.4
	5BB	0.4	1.1	3.7	5.6	3.0	1.0	0.9	3.1	1.6	3.4	7.6	4.6
	5BC-1	0.4	0.9	3.3	5.1	2.1	0.8	0.8	3.6	1.2	3.4	6.9	4.6
	5BC-2	0.3	0.6	2.1	4.1	1.1	0.6	1.1	3.9	0.6	2.4	6.1	4.6
	5BD	0.2	1.1	3.0	4.0	1.4	1.3	1.5	4.5	0.8	2.9	6.3	4.9
	5BE	0.9	1.6	2.7	5.7	2.0	0.4	0.4	3.2	1.1	4.3	7.8	5.7
	5CA	0.6	0.4	1.6	4.1	0.9	0.8	1.7	3.3	0.5	2.4	7.3	4.7
	5CB	0.9	0.4	1.3	5.1	0.9	0.4	1.1	2.6	0.4	3.1	7.2	5.1
	5CC	0.7	0.3	1.3	5.6	1.1	0.7	1.5	2.6	0.4	3.0	6.4	4.8
	5DA	1.7	2.1	1.8	7.8	2.4	0.1	0.0	1.8	0.8	7.2	11.4	8.1
	5DB	1.2	1.4	1.9	5.4	1.4	0.2	0.4	2.8	0.7	3.8	7.9	5.8
	5DC	0.5	0.4	1.4	4.3	0.7	0.4	1.1	3.4	0.5	2.3	6.9	4.7
	5DD	1.0	0.7	1.4	5.4	0.9	0.2	0.8	2.6	0.5	3.3	7.6	5.4
	5EA	0.2	0.1	0.4	3.4	0.5	0.0	0.0	0.0	0.4	5.9	3.1	1.2
	5EB	0.2	0.2	0.6	5.8	0.9	0.0	0.2	0.1	0.6	7.0	2.7	2.0
	5EC	0.4	0.6	0.7	9.0	1.5	0.0	0.3	0.5	0.3	5.6	4.1	4.1
	5ED	0.6	0.9	0.8	9.6	2.0	0.0	0.0	0.4	0.5	6.2	10.1	5.5
	5FA	0.5	0.5	0.5	6.8	0.9	0.1	0.1	0.1	0.3	3.9	8.7	3.4
	5FB	0.4	0.2	0.4	4.5	0.4	0.0	0.1	0.0	0.2	4.1	5.4	1.7
	5G	0.1	0.0	0.3	2.8	0.5	0.0	0.0	0.0	0.3	4.6	3.2	0.9
	5HA	0.0	0.0	0.1	2.5	0.5	0.0	0.0	0.0	0.1	3.9	2.3	1.2
	5HB	0.0	0.0	0.2	2.5	0.6	0.0	0.0	0.0	0.3	4.3	2.6	1.4
	5J	0.1	0.3	0.7	7.2	0.8	0.0	1.0	0.4	0.3	4.0	1.8	2.4

Monthly Rainfall by Sub-basin

Year 2007 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.5	3.3	2.3	5.4	7.3	3.5	5.8	5.9	6.1	4.1	1.9	1.0
	1AB	1.0	3.3	2.2	5.2	6.9	4.0	6.2	6.6	7.0	3.5	1.6	0.9
	1AC	1.0	3.5	2.3	5.5	7.9	4.0	6.2	6.6	6.3	4.2	1.9	1.1
	1AD	2.2	3.4	2.6	6.2	8.1	3.3	5.3	6.1	5.4	5.1	2.3	1.3
	1AE	3.2	3.2	2.6	6.0	7.6	2.8	4.7	5.8	4.4	6.0	2.3	1.3
	1AF	1.9	3.2	2.7	6.0	8.3	3.3	5.5	5.9	5.8	5.5	2.5	1.2
	1AG	1.9	3.3	2.9	6.2	8.3	3.1	5.2	5.7	5.9	5.6	2.6	1.3
	1AH	2.9	3.7	2.5	6.5	7.8	2.9	3.9	5.0	4.1	6.0	2.2	1.5
	1BA	0.6	3.5	1.0	6.8	5.6	8.8	5.3	5.9	5.2	1.8	0.8	0.1
	1BB	0.7	2.7	1.3	6.0	6.3	6.9	5.1	7.0	5.7	1.5	0.5	0.3
	1BC	0.6	2.3	1.4	5.5	6.6	6.3	5.0	8.6	6.6	1.6	0.6	0.4
	1BD	1.0	4.1	1.5	5.4	4.7	5.6	5.6	6.6	7.2	1.6	0.7	0.5
	1BE	0.9	2.9	1.7	5.5	5.4	5.4	5.4	7.9	7.8	1.8	0.7	0.6
	1BG	1.1	3.5	1.8	5.4	4.9	5.0	5.8	8.1	8.3	2.0	0.7	0.7
	1BH	1.1	3.7	1.8	5.3	5.3	4.7	6.0	7.6	8.0	2.4	0.9	0.9
	1CA	1.0	4.5	1.3	5.9	4.8	7.3	5.4	6.7	7.5	1.5	0.9	0.2
	1CB	1.2	4.5	1.3	5.8	5.1	7.4	5.6	7.4	8.7	1.5	0.8	0.3
	1CC	1.4	4.2	1.5	6.3	5.7	8.7	6.6	7.8	8.9	2.1	1.0	0.5
	1CD	1.6	5.2	1.7	5.3	5.4	5.1	6.3	8.5	9.0	2.3	0.8	1.0
	1CE	1.4	5.1	1.7	5.2	4.7	4.9	5.5	7.9	8.0	1.6	0.7	1.0
	1DA	1.5	4.7	2.2	6.1	6.4	5.2	5.6	8.7	8.2	3.6	1.4	1.3
	1DB	1.0	3.7	2.1	5.5	6.6	4.4	6.1	7.2	7.7	3.2	1.4	1.0
	1DC	1.1	3.7	2.7	6.0	7.8	4.2	5.9	7.4	7.4	4.7	2.2	1.2
	1DD	1.3	3.4	2.9	6.1	8.4	3.7	5.8	6.4	6.8	5.2	2.5	1.2
	1EA	1.8	4.9	2.9	6.4	6.9	5.6	6.4	10.4	9.7	4.6	1.7	1.5
	1EB	1.4	3.8	3.5	6.3	7.3	4.5	5.8	9.2	9.4	6.0	2.8	1.3
	1EC	1.8	4.4	2.8	6.9	7.3	5.1	5.5	9.6	8.8	5.2	2.0	1.5
	1ED	1.8	3.8	3.1	6.8	7.8	3.6	4.9	6.9	6.6	6.2	2.6	1.4
	1EE	2.5	4.2	2.7	7.2	7.7	2.9	3.4	4.7	4.8	5.9	2.3	1.7
	1EF	2.6	4.3	2.5	6.9	7.9	2.9	3.2	4.4	4.0	6.1	2.0	1.8
	1EG	2.4	4.6	3.0	7.1	7.3	3.2	3.3	5.0	5.2	5.9	2.2	1.8
	1FA	1.6	4.2	1.7	6.0	6.1	7.7	7.4	7.9	8.6	2.3	0.9	0.6
	1FB	1.7	5.1	2.4	5.5	7.1	5.8	7.8	9.6	9.8	3.2	1.1	1.3
	1FC	1.7	5.0	2.6	5.3	8.1	6.2	8.5	9.5	9.8	3.4	1.3	1.5
	1FD	1.8	4.8	2.5	5.2	8.1	6.7	8.8	8.4	8.8	3.1	1.0	1.3
	1FE	1.9	4.6	3.7	5.7	7.4	5.0	6.6	8.6	8.0	4.5	1.8	1.6
	1FF	2.3	4.6	4.0	5.4	6.4	3.8	5.0	5.9	6.0	4.5	1.7	1.7
	1FG	2.4	5.0	2.7	6.8	7.8	3.2	2.5	3.8	3.7	6.1	1.6	2.2
LVSCA	1GA	2.5	4.6	2.3	5.4	7.0	5.5	6.6	6.3	6.4	2.2	0.8	0.9
	1GB	2.5	4.6	3.5	4.7	8.9	5.5	7.0	6.5	7.2	2.3	0.8	1.5
	1GC	3.4	4.4	2.6	5.6	5.7	5.3	5.2	6.2	6.1	2.3	0.9	0.9
	1GD	3.8	4.6	4.1	4.8	7.5	4.8	4.7	4.6	5.5	2.0	0.7	1.3
	1GE	4.1	4.4	4.2	5.3	6.7	5.1	4.3	4.4	5.7	2.5	1.0	1.4
	1GF	4.2	4.2	4.7	4.9	5.5	4.6	3.8	3.4	3.8	2.3	1.0	1.6
	1GG	3.5	5.0	2.9	5.6	6.9	5.2	5.4	5.8	6.3	2.0	0.8	1.0
	1HA1	2.7	4.5	4.4	4.3	6.4	4.4	6.0	5.1	5.4	2.7	0.9	1.6
	1HA2	3.1	4.3	4.5	4.3	6.6	4.4	5.1	3.8	4.3	2.0	0.6	1.5
	1HB1	2.3	4.9	3.2	6.0	7.1	3.3	2.7	3.3	3.6	5.1	1.4	2.1
	1HB2	2.7	4.6	4.4	4.5	5.7	3.4	4.3	3.6	3.8	3.0	0.9	1.7
	1HC	2.1	4.8	2.5	6.2	7.5	3.4	1.9	2.7	3.0	5.6	1.6	2.3
	1HD	5.4	4.7	4.8	4.8	6.0	4.8	3.5	2.9	3.6	2.9	1.9	2.3
	1HE	5.4	4.6	4.1	4.7	6.3	5.0	3.2	2.4	3.8	3.3	2.5	2.5
	1HF	3.0	3.3	2.4	4.2	5.9	4.3	2.2	1.8	3.5	3.8	2.7	2.1
	1HG	3.1	3.7	2.4	4.7	6.4	4.0	2.1	2.0	3.5	4.3	2.6	2.2
	1JA	4.6	4.6	3.6	5.5	5.6	5.2	4.3	5.9	6.4	2.3	1.3	1.4
	1JB	5.2	5.2	4.7	6.1	6.6	5.5	4.4	5.8	7.5	2.7	1.5	1.8
	1JC	4.5	5.0	3.8	6.2	6.6	5.8	5.1	6.3	7.9	2.8	1.3	1.5
	1JD	4.8	4.8	4.6	6.0	6.6	5.7	4.5	5.6	7.1	3.0	1.5	1.8
	1JE	6.2	4.7	5.2	4.7	6.4	4.7	2.6	3.3	4.0	2.2	2.3	2.9
	1JF	5.4	4.5	5.1	5.2	5.9	4.8	3.2	4.8	5.0	2.2	1.8	2.3
	1JG1	5.3	4.5	5.2	5.5	6.0	5.3	3.7	4.3	4.9	2.9	1.8	2.2
	1JG2	5.1	4.6	5.1	4.6	5.4	4.4	3.7	2.8	3.0	2.3	1.4	2.1
	1KA	6.1	4.5	3.9	4.5	6.4	5.3	3.1	2.4	4.1	3.3	3.0	2.8
	1KB	5.1	4.0	3.5	4.2	6.3	4.9	2.6	2.4	3.7	3.3	2.8	2.7
	1KC	5.8	4.3	3.8	4.0	6.3	5.0	2.6	2.5	3.5	2.7	2.6	3.0
	1LA1	5.2	4.4	4.0	5.0	5.4	4.5	3.2	4.5	5.1	1.8	1.6	1.9
	1LA2	6.3	4.7	4.4	4.3	6.1	4.2	2.5	2.6	3.6	2.1	2.3	3.0
	1LA3	3.5	3.9	2.4	3.4	3.3	1.7	1.2	1.2	1.9	0.8	1.4	2.3
	1LB1	4.8	4.4	3.7	4.4	4.9	3.8	2.6	3.7	4.1	1.5	1.6	1.8
	1LB2	4.2	4.3	2.9	3.6	4.0	2.2	1.4	1.4	2.5	0.8	1.5	2.5

Monthly Rainfall by Sub-basin

Year 2007 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.1	0.6	0.4	2.5	0.8	0.2	1.0	0.8	0.3	0.5	1.0	0.1
	2AB	0.1	0.7	0.4	2.8	1.0	0.8	1.3	1.4	0.8	0.0	0.5	0.1
	2BA	0.5	2.1	1.2	5.0	6.4	6.5	4.7	8.6	5.7	1.3	0.4	0.3
	2BB	0.3	1.5	0.8	3.9	5.8	6.6	4.3	7.8	5.3	1.0	0.4	0.3
	2BC	0.4	1.7	0.9	3.7	5.0	6.0	4.2	8.2	6.1	1.0	0.4	0.4
	2BD	0.1	0.8	0.4	2.9	3.3	3.3	2.5	4.5	3.0	0.4	0.2	0.2
	2CA	0.1	0.8	0.4	2.8	2.4	1.9	1.8	2.9	1.6	0.2	0.2	0.1
	2CB	1.1	3.9	0.9	7.9	4.9	10.5	6.3	7.7	8.0	2.3	1.3	0.1
	2CC	0.3	1.4	0.6	3.7	4.3	5.0	3.5	5.1	3.6	0.8	0.7	0.1
	2D	0.8	1.9	0.6	4.0	3.4	5.3	4.4	4.2	4.8	1.2	3.3	0.1
	2EA	1.5	2.6	1.0	4.5	4.0	5.6	5.5	6.4	6.5	1.7	1.5	0.2
	2EB	1.4	2.4	0.8	4.1	3.8	5.8	6.2	6.2	7.2	1.5	2.4	0.2
	2EC	2.0	2.7	1.1	4.8	3.7	4.9	4.2	6.8	4.8	1.9	1.1	0.3
	2ED	1.7	3.0	1.1	6.4	4.5	7.2	5.7	6.9	6.1	2.2	0.9	0.4
	2EE	1.5	3.0	0.7	6.5	4.6	9.5	6.3	7.8	8.7	2.1	2.6	0.1
	2EF	1.7	2.5	0.9	5.7	4.2	6.2	5.1	7.3	5.6	2.1	1.0	0.3
	2EG1	2.4	2.9	1.2	4.7	3.6	4.8	4.2	6.8	4.4	2.1	1.0	0.4
	2EG2	1.6	2.7	0.8	5.3	4.1	6.1	5.5	6.8	6.5	1.8	2.4	0.2
	2EH	1.3	3.8	0.6	7.0	4.1	9.6	6.6	7.7	9.1	2.0	3.4	0.0
	2EJ	1.0	2.0	0.6	3.5	3.1	4.8	4.8	3.2	5.6	1.0	5.3	0.1
	2EK	1.1	2.2	0.6	3.8	3.6	5.3	5.8	4.2	6.5	1.1	4.3	0.1
	2FA	2.1	3.0	1.2	4.4	3.0	4.2	2.8	3.5	4.0	1.4	1.0	0.3
	2FB	1.8	3.1	1.1	5.0	3.8	4.7	4.5	6.1	5.0	2.1	1.2	0.3
	2FC	2.2	3.3	1.1	4.3	3.4	4.1	3.5	5.0	4.0	1.8	1.1	0.4
	2GA	1.8	2.4	1.0	4.2	3.0	4.1	2.4	2.8	3.6	1.2	1.1	0.2
	2GB	1.7	2.4	1.1	4.6	3.2	4.7	3.0	3.5	4.2	1.5	1.2	0.3
	2GC	1.7	2.0	1.2	6.5	5.1	5.1	2.9	3.6	2.7	3.4	2.2	1.1
	2GD	1.9	2.2	1.0	4.9	4.0	4.0	2.3	2.7	2.6	2.2	1.6	0.8
	2H-1	2.2	2.2	0.9	4.0	2.7	1.4	0.9	1.1	1.1	1.2	1.6	1.2
	2H-2	2.5	1.6	0.5	3.9	1.9	0.5	0.4	0.5	0.5	0.5	1.8	1.2
	2H-3	3.1	1.5	0.6	3.6	1.2	0.2	0.3	0.3	0.2	0.3	2.2	1.5
	2J	0.1	0.8	0.4	2.8	1.5	1.5	1.6	2.5	1.3	0.1	0.3	0.1
	2KA	3.2	4.1	2.0	3.4	3.1	2.2	1.4	2.0	2.6	0.7	1.1	1.3
	2KB	1.8	3.2	1.2	2.9	1.8	0.7	0.5	0.5	0.9	0.3	1.0	1.6
	2KC	2.2	2.8	1.0	3.1	1.6	0.5	0.4	0.5	0.6	0.3	1.1	1.6
ACA	3AA	2.1	1.5	0.4	4.0	2.1	0.4	0.4	0.6	0.5	0.5	1.9	0.8
	3AB	3.3	1.2	0.6	4.1	1.4	0.3	0.4	0.3	0.2	0.5	2.7	1.7
	3AC	1.6	1.4	1.1	6.2	2.7	0.3	0.5	0.4	0.5	1.4	3.0	1.2
	3BA	1.2	1.6	0.7	5.7	3.6	1.0	0.8	1.0	1.0	1.6	2.0	0.7
	3BB	1.0	1.5	0.9	7.1	5.4	1.4	1.3	1.6	1.6	2.6	2.5	0.9
	3BC	1.2	1.4	1.1	8.1	6.5	2.5	2.1	2.4	2.0	3.8	2.7	1.3
	3BD	1.2	1.5	1.1	8.2	6.4	2.3	2.0	2.3	2.0	3.6	2.8	1.3
	3CB	1.2	1.8	1.2	8.7	5.8	1.9	1.8	2.0	1.7	3.6	2.8	1.3
	3DA	1.5	0.8	1.6	7.1	2.5	0.1	0.3	0.2	0.2	1.8	3.5	1.4
	3DB	1.7	0.3	1.1	5.3	1.1	0.1	0.4	0.3	0.1	1.6	4.7	2.8
	3EA	1.8	0.9	1.1	4.9	1.5	0.1	0.6	0.2	0.1	1.2	3.8	2.2
	3EB	1.9	0.5	1.1	4.5	1.2	0.1	0.5	0.4	0.1	1.3	4.0	3.0
	3EC	2.1	0.6	1.2	3.9	1.0	0.1	0.5	0.5	0.1	1.1	3.6	3.5
	3ED	1.9	0.3	1.1	3.8	0.8	0.1	0.4	0.6	0.1	1.2	4.8	3.7
	3FA	2.7	0.7	1.5	2.7	0.8	0.1	0.2	0.3	0.1	0.6	3.6	3.1
	3FB	2.1	0.4	1.9	0.9	0.6	0.1	0.1	0.1	0.0	0.5	4.1	4.4
	3G	1.3	0.6	1.8	0.9	1.1	0.2	0.1	0.2	0.0	0.6	2.8	2.8
	3HA	0.7	0.3	1.1	0.3	1.4	0.2	0.2	0.3	0.0	0.6	2.0	2.8
	3HB	0.8	0.2	0.9	1.3	6.7	1.1	0.6	1.4	1.1	1.4	2.1	2.1
	3HC	1.1	0.0	0.6	2.5	13.0	2.3	1.3	3.0	2.2	2.2	1.9	1.3
	3HD1	0.5	0.0	0.3	3.0	15.5	2.0	1.4	3.2	2.4	2.3	2.0	1.2
	3HD2	1.0	0.0	0.7	2.8	14.1	2.7	1.4	3.3	2.0	2.0	1.8	1.3
	3J	0.9	0.6	1.8	0.7	1.5	0.4	0.1	0.4	0.1	0.8	1.4	1.9
	3K	0.4	0.1	1.5	4.1	11.0	3.0	1.7	3.2	2.4	2.3	1.7	1.7
	3LA	0.8	0.3	1.2	1.9	7.5	1.2	0.9	1.6	1.2	1.5	2.0	2.0
	3LB	0.5	0.1	0.3	3.4	16.0	2.1	1.5	3.4	2.1	2.6	2.0	1.2
	3MA-1	0.8	0.4	2.5	0.8	2.3	0.7	0.4	0.9	0.3	0.8	1.0	2.8
	3MA-2	0.5	0.2	2.3	2.3	6.3	1.7	1.2	2.1	1.3	1.4	1.5	2.4
	3MB	0.5	0.1	1.0	4.2	11.8	2.9	1.9	3.1	2.5	2.2	2.4	1.7
	3MC	0.4	0.0	1.4	3.9	10.6	2.8	1.7	3.2	2.2	2.2	1.7	1.8
	3MD1	0.5	0.1	0.6	5.0	17.5	3.5	2.2	3.8	3.6	2.6	2.9	1.8
	3MD2	0.5	0.0	1.1	4.9	14.1	3.8	1.7	3.6	3.3	2.8	1.9	1.3
	3N	2.7	0.9	1.6	2.3	0.9	0.1	0.1	0.3	0.1	0.4	3.0	2.5

Monthly Rainfall by Sub-basin

Year 2007 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.8	1.2	2.3	6.9	6.3	1.2	1.7	2.4	1.0	4.5	2.6	1.9
	4AB	1.6	1.7	1.7	5.9	5.8	2.7	2.6	2.8	1.5	4.8	2.2	1.6
	4AC	1.8	1.7	1.6	6.6	6.6	3.3	3.1	3.1	1.7	5.8	2.7	1.8
	4AD	1.9	1.7	1.7	8.0	7.5	4.0	3.5	3.8	2.0	6.5	3.1	2.1
	4BA	1.5	0.9	2.3	8.2	6.8	1.4	2.2	2.4	0.8	5.9	3.0	2.2
	4BB	1.7	1.0	2.6	7.9	6.7	0.7	1.6	2.2	0.7	4.8	2.7	2.0
	4BC	1.5	0.5	2.4	8.6	6.2	0.6	1.4	1.8	0.5	5.1	3.1	2.1
	4BD	1.8	1.2	1.9	9.5	8.1	3.8	3.6	3.9	1.8	7.3	3.5	2.5
	4BE	1.6	1.0	1.8	10.1	7.5	3.0	3.0	3.2	1.5	6.7	3.6	2.4
	4BF	1.2	1.3	1.6	9.4	5.2	0.9	1.3	1.4	0.7	3.9	3.0	1.7
	4BG	1.3	0.6	1.8	9.5	4.0	0.2	0.5	0.5	0.2	2.9	3.1	1.6
	4CA	1.8	1.6	1.5	10.1	8.5	5.1	3.9	4.4	2.7	6.6	3.5	2.2
	4CB	1.6	1.5	1.6	10.7	8.6	4.1	3.7	3.9	2.4	6.8	3.6	2.3
	4CC	1.4	1.0	1.7	9.1	3.6	0.3	0.5	0.5	0.4	2.6	3.0	1.3
	4DA	1.6	0.4	2.2	8.8	5.7	0.4	1.1	1.5	0.4	5.0	3.4	2.0
	4DB	2.2	0.3	2.2	8.8	6.3	0.6	1.1	1.8	0.6	6.3	4.6	2.2
	4DC	2.5	0.2	2.3	8.9	6.9	0.7	1.2	2.1	0.7	7.2	5.4	2.4
	4DD	2.4	0.0	1.8	8.9	3.6	0.2	0.7	0.8	0.3	5.4	3.9	1.8
	4DE	2.1	0.1	1.7	8.9	2.3	0.0	0.4	0.1	0.1	3.4	3.3	1.4
	4EA	4.4	0.2	3.4	8.3	7.3	0.9	1.0	2.1	0.7	8.1	8.6	3.7
	4EB	3.7	0.2	2.7	8.7	8.0	1.1	1.1	2.7	0.7	8.0	8.2	3.3
	4EC	3.0	0.0	2.1	8.7	5.6	0.6	0.9	1.9	0.5	6.6	6.0	2.5
	4ED	2.6	0.1	1.7	7.9	1.7	0.1	0.5	0.6	0.1	3.4	4.2	1.7
	4FA	4.6	0.2	3.7	8.0	6.0	0.6	0.9	1.3	0.5	7.4	7.8	3.7
	4FB	4.2	0.1	3.6	7.8	5.0	0.2	0.5	1.2	0.2	5.9	6.7	3.7
	4GA	3.0	0.1	2.9	6.1	3.7	0.1	0.3	0.7	0.1	4.2	5.5	3.6
	4GB	2.3	0.0	2.2	4.7	2.5	0.1	0.3	0.6	0.2	2.3	5.5	2.8
	4GC	1.0	0.0	1.2	2.1	1.6	0.1	0.1	0.3	0.3	1.2	5.8	1.8
	4GD	1.0	0.0	0.9	3.0	2.0	0.2	0.2	0.5	0.5	1.1	5.3	1.5
	4GE	1.3	0.1	1.0	4.7	2.0	0.3	0.3	0.6	0.4	1.6	5.5	1.5
	4GF	1.1	0.1	0.6	3.7	4.4	0.8	0.3	1.0	1.1	1.3	5.0	1.8
	4GG	1.0	0.0	0.4	3.4	9.9	2.2	1.0	2.6	2.4	1.3	2.9	2.2
	4HA	1.6	0.2	1.2	3.7	0.6	0.0	0.1	0.2	0.0	1.3	5.6	2.7
	4HB	1.3	0.2	0.9	2.4	3.9	0.7	0.3	1.0	0.9	1.0	4.9	2.2
	4HC	1.1	0.2	0.9	1.2	4.8	0.9	0.5	1.1	0.9	1.0	2.8	2.5
	4JA	0.4	0.0	0.4	2.0	4.3	0.7	0.3	0.8	1.1	1.0	4.3	1.6
	4JB	0.5	0.0	0.2	2.9	9.7	2.1	0.8	2.2	2.4	0.9	3.5	2.0
	4KA	0.4	0.0	0.2	2.6	8.5	1.8	0.7	2.0	2.1	0.8	3.8	1.9
	4KB	0.5	0.0	0.2	2.8	9.1	2.0	0.8	2.1	2.3	0.9	3.6	2.0
ENNCA	5AA	1.0	1.7	1.1	3.2	3.2	5.9	6.0	4.7	6.0	1.4	1.4	0.2
	5AB	0.8	1.2	1.2	3.2	2.9	5.5	5.3	3.7	4.4	1.5	1.2	0.2
	5AC	0.5	0.8	0.7	2.9	2.3	4.7	4.3	2.1	3.1	1.0	2.1	0.1
	5AD	0.5	0.5	1.1	2.9	2.3	4.6	4.2	2.2	2.3	1.4	1.3	0.2
	5BA	1.2	1.5	1.6	5.0	4.7	2.6	2.4	2.7	1.4	3.7	1.7	1.3
	5BB	1.2	1.5	1.4	4.2	3.9	3.5	3.1	2.8	2.0	3.3	1.6	1.1
	5BC-1	1.2	1.0	1.4	4.0	3.3	3.5	2.9	2.8	2.0	2.8	1.6	0.9
	5BC-2	0.6	0.6	0.9	3.1	2.0	4.2	3.2	2.2	1.8	1.5	1.3	0.4
	5BD	0.7	0.8	1.3	3.0	2.6	4.9	4.6	3.0	3.1	1.8	1.2	0.3
	5BE	1.9	0.8	1.4	4.3	2.8	2.7	2.2	2.3	1.6	3.3	3.2	1.3
	5CA	0.8	1.0	0.7	2.7	2.1	4.5	3.8	1.7	3.0	0.9	3.3	0.1
	5CB	1.0	0.8	1.0	2.9	1.6	3.4	2.7	1.1	2.0	1.6	3.0	0.6
	5CC	0.8	1.0	0.7	3.0	2.0	3.5	3.1	1.6	2.7	1.3	3.3	0.3
	5DA	3.2	0.5	2.5	4.8	2.7	0.9	1.2	0.6	0.9	5.5	5.3	2.4
	5DB	1.9	0.6	1.4	3.5	1.7	2.5	1.9	1.4	1.4	3.2	3.2	1.2
	5DC	0.7	0.6	0.8	2.6	1.7	4.4	3.2	1.5	1.9	1.0	2.0	0.3
	5DD	1.3	0.6	1.1	3.1	1.4	3.1	2.3	1.1	1.4	2.0	2.5	0.8
	5EA	0.1	0.1	0.3	1.8	0.5	0.0	0.1	0.2	0.2	2.9	1.5	0.1
	5EB	0.2	0.2	0.4	2.1	1.2	0.0	0.2	0.4	0.3	2.8	2.0	0.2
	5EC	0.7	0.2	0.9	2.9	1.7	0.4	0.7	0.5	0.4	3.0	2.7	0.9
	5ED	2.2	0.1	2.0	4.3	2.5	0.1	0.3	0.3	0.2	4.1	4.3	2.7
	5FA	1.1	0.0	0.9	2.1	1.3	0.0	0.1	0.2	0.2	2.0	4.2	2.0
	5FB	0.3	0.0	0.3	1.2	0.5	0.0	0.0	0.1	0.2	2.0	2.8	1.1
	5G	0.1	0.2	0.4	2.1	0.4	0.0	0.0	0.1	0.1	2.5	1.4	0.0
	5HA	0.0	0.1	0.3	2.1	0.2	0.0	0.0	0.0	0.0	2.6	1.5	0.0
	5HB	0.0	0.2	0.4	2.2	0.4	0.0	0.0	0.1	0.1	2.4	1.7	0.0
	5J	0.2	0.4	0.4	2.0	1.1	0.2	0.8	0.6	0.4	1.4	1.6	0.1

Monthly Rainfall by Sub-basin

Year 2008 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.4	2.0	4.8	5.5	6.6	3.9	3.5	6.2	7.0	7.4	4.8	0.5
	1AB	1.1	1.7	4.3	4.9	6.4	4.2	3.4	5.9	5.4	7.0	3.6	0.5
	1AC	1.5	2.0	5.2	5.4	7.2	4.6	3.6	6.0	6.3	7.7	3.9	0.6
	1AD	1.9	2.2	5.7	6.3	7.1	3.8	4.3	6.9	9.1	7.5	6.4	0.7
	1AE	1.9	2.5	4.9	6.5	6.9	2.3	4.4	7.0	10.3	7.5	7.6	1.0
	1AF	1.9	2.2	5.6	6.4	7.3	3.9	4.1	6.9	8.5	7.6	6.3	0.8
	1AG	1.9	2.1	5.8	6.8	7.2	4.0	4.1	7.3	8.8	7.2	6.8	0.9
	1AH	1.8	2.1	5.6	6.9	6.7	2.5	4.1	7.6	10.2	6.7	7.5	1.0
	1BA	1.1	0.6	4.4	3.4	1.5	3.3	5.5	3.0	5.0	8.7	5.4	0.0
	1BB	0.7	0.8	4.2	3.1	2.3	4.4	5.7	4.3	4.2	6.4	4.2	0.0
	1BC	0.4	0.8	3.9	2.8	3.2	5.3	5.9	5.6	3.5	5.0	3.5	0.0
	1BD	0.7	0.7	3.4	3.6	3.6	3.5	4.4	4.5	4.4	6.6	3.9	0.0
	1BE	0.3	0.8	3.3	3.2	4.2	4.3	4.4	6.3	3.2	4.8	3.0	0.1
	1BG	0.3	0.9	3.5	3.7	4.8	4.2	3.8	6.2	3.8	5.3	2.9	0.1
	1BH	0.5	1.2	3.9	4.0	5.4	4.3	3.6	6.0	4.4	6.0	2.9	0.2
	1CA	1.0	0.4	3.6	3.5	2.8	3.1	5.3	3.5	5.2	7.9	5.3	0.0
	1CB	1.0	0.4	3.8	3.6	3.0	3.3	5.8	4.1	5.4	7.3	5.1	0.1
	1CC	1.0	0.8	5.4	4.3	2.9	3.6	6.3	5.8	4.8	6.9	4.6	0.4
	1CD	1.1	1.0	5.0	4.8	4.9	4.3	6.0	4.9	5.6	5.7	4.1	0.1
	1CE	0.7	1.0	4.3	3.9	5.6	4.4	4.4	5.6	5.2	5.5	3.2	0.1
	1DA	1.3	1.5	5.5	5.0	6.9	5.0	4.9	6.5	6.5	6.1	4.1	0.3
	1DB	1.0	1.6	4.6	4.8	6.4	4.6	3.6	6.0	5.2	6.5	3.4	0.4
	1DC	1.6	1.8	5.6	5.9	7.4	4.8	4.3	6.6	6.7	7.0	4.8	0.7
	1DD	1.9	2.0	5.9	6.5	7.5	4.6	4.2	7.0	7.6	7.2	5.8	0.8
	1EA	1.7	1.6	6.3	6.4	7.1	5.3	6.6	7.0	6.8	5.6	5.3	0.4
	1EB	1.8	1.7	5.6	6.9	7.8	4.7	5.8	7.6	7.2	6.0	6.7	0.8
	1EC	1.7	1.6	6.2	6.2	7.5	5.2	5.7	7.4	7.7	6.0	5.6	0.5
	1ED	1.9	1.6	6.4	7.2	7.0	4.2	4.8	8.1	8.9	6.1	7.4	0.8
	1EE	1.8	1.5	6.8	7.5	6.2	3.0	4.0	8.5	10.4	5.6	8.2	1.0
	1EF	1.7	1.7	6.2	7.3	6.4	2.7	3.8	8.0	9.8	5.7	7.4	1.0
	1EG	1.6	1.2	6.8	7.6	6.0	3.2	4.3	8.3	9.6	4.9	8.1	1.0
	1FA	1.0	1.2	6.6	4.8	3.0	4.0	6.8	6.9	4.7	5.4	3.5	0.6
	1FB	1.5	1.6	6.6	6.5	5.0	4.8	6.7	5.2	5.4	5.5	4.4	0.3
	1FC	1.6	2.0	7.4	7.3	4.9	5.0	6.8	5.3	5.1	5.4	4.1	0.4
	1FD	1.4	1.9	7.8	6.8	3.7	4.5	6.4	5.3	4.6	5.2	3.5	0.5
	1FE	1.9	1.6	6.5	7.4	6.4	4.9	6.4	6.4	6.5	5.6	5.7	0.7
	1FF	1.7	1.0	5.8	6.8	6.0	3.8	5.1	5.8	6.7	5.5	6.2	1.1
	1FG	1.4	1.3	6.2	7.5	5.8	2.6	3.6	7.4	8.4	4.6	6.7	1.0
LVSCA	1GA	1.4	1.3	6.9	4.8	2.7	4.0	7.0	7.5	5.1	5.0	3.5	0.7
	1GB	2.3	1.9	7.6	7.4	3.1	4.6	6.2	4.5	5.1	5.1	3.5	0.5
	1GC	1.5	1.1	6.0	4.5	3.1	3.4	7.0	6.8	5.3	5.6	4.1	0.7
	1GD	3.0	1.5	6.7	6.0	3.0	3.6	5.7	4.3	5.6	5.0	3.8	0.9
	1GE	3.2	1.4	6.6	5.7	3.4	3.3	5.1	4.0	5.6	5.6	4.1	1.4
	1GF	3.0	1.0	6.0	5.4	3.2	2.9	4.5	3.7	5.1	5.4	3.9	1.8
	1GG	1.6	1.4	7.0	4.6	3.2	3.7	6.9	7.0	5.6	5.3	3.9	0.6
	1HA1	2.3	1.0	5.9	6.5	4.6	4.0	5.3	4.1	5.1	5.7	4.4	1.2
	1HA2	2.9	0.9	5.9	6.2	3.4	3.6	4.9	3.4	5.1	5.4	3.8	1.4
	1HB1	1.4	0.9	6.0	7.0	5.3	2.8	3.8	6.0	7.1	4.6	6.0	1.1
	1HB2	1.7	0.6	5.2	5.9	5.2	3.3	4.3	4.5	5.6	5.7	5.1	1.3
	1HC	1.4	1.1	5.9	7.2	4.6	2.4	3.6	5.9	6.8	4.0	5.5	1.0
	1HD	1.9	1.4	6.9	6.6	3.1	3.3	5.3	4.5	4.8	5.6	4.4	2.0
	1HE	1.5	1.6	7.0	7.2	3.2	3.4	5.7	4.7	4.4	5.3	4.5	2.0
	1HF	1.7	1.3	5.2	6.5	3.1	2.6	5.3	3.9	3.3	3.7	4.4	1.4
	1HG	1.6	1.3	5.5	6.8	3.5	2.6	5.0	4.5	4.2	3.7	4.9	1.3
	1JA	1.5	1.6	6.2	5.7	3.5	3.1	5.8	5.0	4.9	5.7	4.7	0.9
	1JB	1.6	2.3	7.9	6.2	4.5	3.6	5.1	5.2	5.4	6.1	5.1	1.1
	1JC	1.8	1.8	7.7	5.7	4.6	3.9	6.0	5.4	5.8	6.7	4.9	1.0
	1JD	2.1	2.0	7.9	5.9	4.3	3.7	5.4	4.9	5.6	6.4	4.8	1.3
	1JE	1.6	2.4	6.2	7.3	2.2	2.9	4.1	5.2	4.4	4.0	5.2	1.6
	1JF	1.5	2.1	6.7	6.5	2.8	3.0	4.8	5.0	4.5	5.0	5.0	1.4
	1JG1	2.2	1.8	7.5	6.2	3.2	3.3	5.2	4.8	5.1	5.8	4.5	1.8
	1JG2	2.3	1.1	6.5	6.0	3.1	3.1	4.9	4.2	4.9	5.6	4.1	1.9
	1KA	1.4	2.0	7.2	7.5	2.8	3.5	6.0	4.9	4.3	5.0	4.9	2.1
	1KB	1.6	2.0	6.2	7.2	2.5	3.2	5.4	4.7	3.9	4.1	5.3	1.8
	1KC	1.6	2.4	5.8	7.4	2.2	3.3	4.7	5.0	4.0	3.7	5.5	1.7
	1LA1	1.6	1.7	4.9	6.6	2.7	2.5	4.2	4.2	4.1	4.8	4.9	0.9
	1LA2	1.7	2.5	5.8	7.2	2.0	3.1	4.1	4.7	3.9	3.7	5.2	1.3
	1LA3	1.6	3.0	5.6	4.5	0.8	1.1	1.5	2.0	1.8	2.3	3.9	0.5
	1LB1	1.4	1.9	4.6	6.0	1.9	1.9	3.4	3.6	3.4	4.0	4.7	0.9
	1LB2	1.6	3.0	5.4	5.0	1.0	1.4	1.7	2.6	2.2	2.3	4.1	0.7

Monthly Rainfall by Sub-basin

Year 2008 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.8	0.0	1.0	2.2	0.1	0.1	0.1	0.1	0.2	1.8	2.7	0.0
	2AB	0.3	0.1	1.3	1.4	0.2	0.4	1.3	0.1	0.6	1.7	2.2	0.3
	2BA	0.4	0.7	3.8	2.7	2.5	5.3	6.6	4.4	3.7	4.9	3.9	0.3
	2BB	0.3	0.5	3.3	2.2	1.7	3.8	5.8	2.6	2.9	4.2	3.8	0.5
	2BC	0.3	0.4	2.8	2.4	2.3	3.7	6.0	3.4	2.6	3.9	3.4	0.7
	2BD	0.1	0.2	1.9	0.9	0.6	1.3	2.5	0.7	1.2	2.4	2.3	0.4
	2CA	0.1	0.2	1.6	0.8	0.4	0.8	1.6	0.4	0.9	2.0	1.8	0.3
	2CB	1.1	0.3	4.0	3.2	1.4	2.7	6.9	4.9	5.4	8.4	5.8	0.1
	2CC	0.4	0.4	2.7	1.9	0.9	2.3	3.9	1.5	2.4	3.8	3.4	0.3
	2D	0.9	0.4	2.7	2.0	0.6	1.5	4.6	1.7	2.9	4.5	4.1	0.1
	2EA	0.7	0.3	2.9	2.1	1.5	1.4	4.8	4.5	3.4	5.4	3.2	0.3
	2EB	0.8	0.4	3.0	1.8	1.3	1.2	5.7	4.7	3.2	5.2	2.9	0.2
	2EC	0.7	0.2	2.7	3.2	1.4	1.9	4.4	3.6	3.5	5.2	3.8	0.3
	2ED	0.6	0.2	4.3	2.8	1.4	2.2	7.3	9.6	4.5	5.2	3.3	0.7
	2EE	0.6	0.2	3.0	2.5	1.1	1.6	7.5	7.0	4.0	5.6	3.7	0.1
	2EF	0.5	0.1	3.0	2.9	1.2	1.5	6.8	7.8	3.9	4.8	3.1	0.4
	2EG1	0.8	0.1	2.8	4.0	1.5	2.2	6.1	4.6	4.0	5.4	3.8	0.5
	2EG2	0.6	0.2	2.8	2.5	1.2	1.4	6.2	5.8	3.5	5.0	3.3	0.2
	2EH	1.0	0.3	3.4	2.7	1.0	2.3	7.6	4.4	4.8	6.5	5.2	0.0
	2EJ	0.9	0.4	2.5	1.7	0.4	0.9	5.1	2.1	2.5	4.0	2.9	0.0
	2EK	0.8	0.4	2.7	1.7	0.8	1.0	5.8	3.7	2.7	4.3	2.6	0.1
	2FA	0.6	0.6	3.7	2.4	1.5	1.3	3.8	2.9	3.0	4.3	2.7	0.8
	2FB	0.7	0.3	2.9	2.6	1.6	1.7	3.7	3.3	3.5	5.3	3.7	0.5
	2FC	0.7	0.3	3.0	3.0	1.5	1.7	4.1	3.0	3.3	5.0	3.4	0.5
	2GA	0.7	0.7	4.0	2.4	1.4	0.9	3.3	2.3	2.8	4.0	2.6	0.6
	2GB	0.7	0.8	4.0	2.5	1.6	1.1	4.0	2.8	3.1	4.5	2.5	0.7
	2GC	0.7	1.5	4.7	4.2	2.0	0.6	2.8	2.3	3.1	4.8	3.5	0.4
	2GD	0.7	1.2	4.5	3.4	1.4	0.6	2.4	1.8	2.5	4.2	3.2	0.4
	2H-1	1.5	1.9	5.0	3.5	0.8	0.1	1.1	0.5	1.5	3.2	4.1	0.1
	2H-2	2.1	1.4	4.4	3.6	0.4	0.1	0.9	0.2	1.3	3.1	4.4	0.1
	2H-3	2.2	1.2	4.0	2.7	0.3	0.0	0.6	0.1	0.9	2.3	4.1	0.4
	2J	0.2	0.2	1.6	1.2	0.5	0.7	2.0	0.4	0.7	2.0	2.1	0.4
	2KA	0.9	2.4	5.1	3.9	0.8	0.7	1.8	1.6	2.0	2.8	3.4	0.3
	2KB	1.4	2.8	5.8	3.0	0.3	0.1	0.6	0.4	1.1	2.0	3.4	0.0
	2KC	1.5	2.6	5.6	2.9	0.2	0.0	0.6	0.3	1.1	2.2	3.6	0.0
ACA	3AA	2.1	0.9	4.0	4.1	0.6	0.1	1.2	0.2	1.6	3.4	4.8	0.2
	3AB	2.4	0.9	3.6	3.2	0.2	0.0	0.5	0.0	0.8	2.1	4.2	0.4
	3AC	2.8	0.7	3.4	5.7	0.2	0.1	0.6	0.1	0.9	2.1	4.7	0.3
	3BA	2.3	0.9	4.2	6.0	0.8	0.2	1.4	0.3	1.6	4.3	5.4	0.0
	3BB	2.6	1.0	4.5	7.4	1.0	0.2	1.6	0.5	1.4	5.4	5.6	0.0
	3BC	2.4	1.3	4.8	7.9	1.5	0.3	2.0	1.0	1.7	6.1	5.7	0.0
	3BD	2.5	1.2	4.6	8.0	1.3	0.3	1.8	0.9	1.4	5.8	5.6	0.0
	3CB	2.7	1.2	4.4	8.1	1.2	0.3	1.6	0.8	1.2	5.3	5.3	0.0
	3DA	2.8	0.7	3.3	5.7	0.1	0.0	0.2	0.0	0.2	1.2	4.9	0.2
	3DB	2.7	0.4	3.8	4.8	0.1	0.1	0.1	0.0	0.1	0.9	6.5	0.3
	3EA	3.0	0.4	3.0	4.9	0.1	0.0	0.1	0.0	0.3	0.9	4.8	0.6
	3EB	2.8	0.5	3.9	4.6	0.2	0.1	0.1	0.0	0.1	0.8	5.7	0.5
	3EC	2.9	0.6	4.4	3.8	0.2	0.1	0.1	0.0	0.2	0.9	5.9	0.7
	3ED	2.8	0.5	4.9	4.0	0.2	0.1	0.1	0.0	0.1	0.9	7.1	0.4
	3FA	2.4	0.8	4.7	2.0	0.1	0.0	0.1	0.0	0.2	1.0	5.0	0.6
	3FB	2.1	0.5	4.7	1.0	0.0	0.0	0.0	0.0	0.0	0.2	4.7	0.4
	3G	1.5	0.4	5.5	1.7	0.0	0.1	0.2	0.1	0.1	0.2	4.5	0.8
	3HA	1.1	0.5	4.8	1.9	0.0	0.1	0.0	0.1	0.2	0.1	3.4	0.8
	3HB	1.0	0.2	3.8	2.3	3.4	1.6	0.5	0.6	0.4	0.7	3.4	0.5
	3HC	0.7	0.0	2.3	1.9	7.1	4.0	1.2	1.8	0.9	1.3	2.7	0.1
	3HD1	0.8	0.0	2.9	1.7	8.6	4.4	1.4	2.1	0.6	1.3	3.3	0.1
	3HD2	0.7	0.0	2.2	1.9	7.8	4.4	1.6	2.2	0.9	1.4	2.5	0.3
	3J	0.9	0.6	5.9	2.4	0.1	0.2	0.2	0.1	0.3	0.2	3.6	0.9
	3K	1.7	0.3	2.5	3.7	4.0	3.1	1.4	0.8	0.9	2.2	3.0	1.1
	3LA	0.9	0.2	4.1	2.7	3.5	1.6	0.6	0.5	0.5	0.8	3.2	0.6
	3LB	0.8	0.0	3.3	2.0	8.6	4.1	1.5	1.9	0.6	1.4	2.7	0.1
	3MA-1	0.9	0.5	5.0	2.8	0.4	0.3	0.1	0.2	0.5	0.3	3.0	0.7
	3MA-2	1.2	0.3	3.6	3.7	2.1	1.6	0.8	0.5	0.7	1.3	3.3	1.0
	3MB	1.2	0.2	2.9	3.6	4.8	3.5	1.5	0.6	0.8	1.9	2.6	0.8
	3MC	1.6	0.3	2.3	4.1	3.8	3.3	1.4	0.8	0.9	2.3	2.7	1.1
	3MD1	0.9	0.0	3.3	3.3	6.2	4.2	2.2	0.8	1.1	1.9	2.2	0.6
	3MD2	2.0	0.2	2.5	3.1	5.2	3.9	1.8	0.9	1.1	2.3	3.0	0.9
	3N	2.2	0.8	4.7	1.8	0.1	0.0	0.2	0.0	0.3	1.1	4.7	0.7

Monthly Rainfall by Sub-basin

Year 2008 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.3	0.2	3.8	5.0	2.2	0.5	0.8	0.6	1.3	5.3	3.4	1.3
	4AB	1.6	0.6	3.8	4.2	2.2	0.5	1.3	1.1	1.9	4.7	3.5	1.0
	4AC	1.4	1.0	4.3	4.9	2.5	0.5	1.6	1.2	1.8	5.2	4.1	0.7
	4AD	1.4	1.3	4.7	5.9	2.8	0.5	2.0	1.5	2.0	6.0	4.6	0.6
	4BA	1.8	0.7	4.0	7.0	2.1	0.4	1.3	0.6	0.9	5.5	2.9	0.7
	4BB	2.4	0.3	4.0	6.3	2.2	0.4	0.9	0.5	1.0	5.6	2.9	1.2
	4BC	2.1	0.4	3.9	7.8	1.5	0.4	1.1	0.5	0.6	5.3	2.2	0.6
	4BD	1.5	1.5	4.8	7.8	2.7	0.5	2.3	1.4	1.5	6.5	4.5	0.3
	4BE	1.9	1.4	4.6	8.9	2.2	0.4	2.1	1.1	1.0	6.4	4.3	0.2
	4BF	2.5	1.0	3.8	8.5	0.9	0.3	1.2	0.6	0.4	4.7	3.1	0.0
	4BG	2.8	0.7	3.4	7.3	0.4	0.1	0.5	0.2	0.1	3.0	2.9	0.0
	4CA	1.7	1.9	5.3	8.2	2.7	0.4	2.8	1.8	2.0	7.2	5.9	0.1
	4CB	2.2	1.8	5.1	9.4	2.5	0.4	2.6	1.5	1.5	7.6	6.1	0.1
	4CC	3.0	0.9	3.5	6.8	0.3	0.1	0.5	0.3	0.2	2.7	4.2	0.0
	4DA	2.5	0.3	4.0	8.1	1.1	0.3	1.0	0.4	0.5	5.2	2.5	0.4
	4DB	2.5	0.2	4.7	8.7	1.0	0.4	1.1	0.5	0.6	6.3	3.6	0.4
	4DC	2.6	0.1	5.2	9.1	0.9	0.4	1.2	0.6	0.6	7.0	4.3	0.4
	4DD	3.2	0.1	3.8	7.6	0.3	0.2	0.7	0.3	0.2	4.2	3.9	0.0
	4DE	3.4	0.4	3.1	5.7	0.1	0.0	0.2	0.1	0.0	2.1	4.5	0.0
	4EA	3.7	0.0	5.3	8.6	0.5	0.1	0.7	0.4	0.6	7.8	6.4	0.7
	4EB	3.2	0.1	6.0	8.8	0.6	0.2	0.9	0.5	0.6	7.9	6.6	0.4
	4EC	3.3	0.1	5.1	8.6	0.4	0.2	0.9	0.4	0.3	6.0	5.6	0.1
	4ED	3.8	0.1	3.2	6.6	0.1	0.0	0.3	0.1	0.1	2.8	5.8	0.1
	4FA	4.3	0.0	4.5	8.7	0.4	0.1	0.4	0.2	0.5	6.8	5.6	0.8
	4FB	4.7	0.0	4.6	9.3	0.3	0.0	0.3	0.1	0.3	5.8	5.6	0.7
	4GA	4.6	0.0	4.1	8.7	0.3	0.0	0.3	0.1	0.2	5.5	5.1	0.8
	4GB	3.7	0.0	3.4	7.3	0.3	0.2	0.2	0.1	0.1	3.6	5.1	0.5
	4GC	2.2	0.0	2.3	4.4	0.2	0.4	0.1	0.1	0.0	1.3	4.3	0.3
	4GD	2.2	0.0	2.4	3.9	0.8	0.6	0.1	0.2	0.0	1.1	4.8	0.3
	4GE	2.7	0.0	3.0	3.9	0.9	0.6	0.2	0.2	0.0	1.4	5.5	0.3
	4GF	2.2	0.0	3.0	2.8	2.6	1.5	0.4	0.7	0.2	0.8	4.9	0.5
	4GG	1.3	0.0	1.6	3.3	6.7	3.8	1.0	2.3	0.6	0.9	2.4	0.9
	4HA	2.8	0.2	4.1	2.6	0.1	0.1	0.0	0.0	0.0	0.8	6.4	0.2
	4HB	2.2	0.1	3.5	1.7	2.1	1.3	0.3	0.7	0.3	0.7	4.7	0.4
	4HC	1.3	0.2	3.5	1.7	2.3	1.3	0.4	0.6	0.4	0.5	3.8	0.5
	4JA	1.5	0.0	1.7	3.3	3.2	1.6	0.4	0.6	0.1	0.6	3.8	0.5
	4JB	1.2	0.0	2.1	3.3	7.0	3.3	1.0	1.5	0.4	0.7	2.1	0.6
	4KA	1.2	0.0	2.0	3.2	6.2	3.0	0.9	1.3	0.3	0.6	2.5	0.6
	4KB	1.2	0.0	2.0	3.3	6.6	3.2	0.9	1.5	0.3	0.6	2.5	0.7
ENNCA	5AA	1.5	0.4	3.0	1.8	1.3	1.1	4.8	3.0	3.3	5.3	2.2	0.3
	5AB	1.9	0.3	2.8	2.2	0.9	1.0	4.1	2.5	3.3	4.9	1.8	0.3
	5AC	1.3	0.1	2.3	1.6	0.4	0.5	4.0	1.3	2.9	4.1	2.1	0.1
	5AD	2.0	0.1	2.2	2.1	0.4	0.7	3.3	1.4	3.2	4.2	1.8	0.2
	5BA	1.7	0.3	3.1	3.2	1.7	0.6	1.2	1.0	2.2	4.1	3.0	1.0
	5BB	1.7	0.4	3.1	3.0	1.4	0.7	1.8	1.5	2.7	4.1	2.6	0.7
	5BC-1	1.8	0.2	2.5	2.7	1.1	0.6	1.9	1.2	2.7	4.0	2.7	0.8
	5BC-2	1.5	0.1	1.9	1.9	0.4	0.5	2.9	1.0	3.1	3.7	2.3	0.4
	5BD	2.2	0.2	2.4	2.4	0.6	0.9	3.2	1.9	3.3	4.5	1.7	0.3
	5BE	1.9	0.1	2.6	3.0	0.8	0.4	1.4	0.8	2.5	4.7	3.7	1.0
	5CA	1.3	0.2	2.1	1.5	0.3	0.5	4.1	1.0	2.6	4.2	2.7	0.0
	5CB	1.6	0.1	2.1	1.8	0.3	0.2	3.1	0.6	2.0	3.7	3.2	0.3
	5CC	1.3	0.2	2.0	1.9	0.3	0.4	3.5	0.8	2.0	3.8	3.8	0.1
	5DA	3.4	0.0	3.0	4.7	0.3	0.1	0.4	0.3	1.0	5.3	4.3	1.1
	5DB	2.1	0.0	2.4	2.6	0.4	0.2	1.6	0.5	2.0	4.3	3.7	0.8
	5DC	1.3	0.0	1.9	1.4	0.4	0.3	3.7	0.7	2.8	4.1	2.9	0.1
	5DD	1.8	0.0	2.2	1.9	0.4	0.1	2.6	0.4	2.1	4.0	3.4	0.5
	5EA	1.5	0.0	0.6	3.6	0.5	0.3	0.1	0.2	0.1	1.6	5.3	0.0
	5EB	1.6	0.0	1.1	4.5	0.8	0.5	0.1	0.2	0.1	2.6	4.9	0.1
	5EC	2.5	0.0	1.5	5.0	0.4	0.2	0.5	0.2	0.4	3.3	5.7	0.3
	5ED	4.0	0.0	2.9	6.7	0.3	0.1	0.1	0.1	0.3	4.3	5.1	0.8
	5FA	3.0	0.0	2.2	5.4	0.7	0.5	0.1	0.2	0.1	2.0	4.6	0.4
	5FB	2.4	0.0	1.3	4.4	0.4	0.3	0.0	0.1	0.0	0.9	5.3	0.2
	5G	0.5	0.0	0.4	3.1	0.5	0.2	0.1	0.2	0.1	1.8	4.2	0.0
	5HA	0.2	0.0	0.0	2.1	0.6	0.0	0.0	0.1	0.0	1.9	2.7	0.0
	5HB	0.1	0.0	0.3	2.5	0.6	0.2	0.1	0.1	0.1	2.1	3.3	0.0
	5J	1.4	0.0	1.0	3.5	0.3	0.2	0.2	0.1	0.2	2.3	3.4	0.1

Monthly Rainfall by Sub-basin

Year 2009 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.5	0.9	2.6	8.2	8.0	3.4	2.0	4.8	6.5	4.1	2.8	5.8
	1AB	2.2	0.7	2.1	7.2	7.7	3.4	2.0	5.3	5.9	3.8	2.5	5.4
	1AC	2.8	0.9	3.2	7.8	8.3	4.2	1.6	5.4	6.6	3.4	2.4	5.6
	1AD	3.0	1.0	3.5	9.5	8.0	3.3	2.1	3.9	6.9	4.5	2.8	6.3
	1AE	3.2	1.1	2.8	10.5	7.8	2.4	2.8	3.1	7.1	5.9	3.5	6.3
	1AF	3.1	1.0	3.7	9.3	8.0	3.7	2.1	3.9	7.0	4.1	2.7	5.9
	1AG	3.1	1.1	3.9	9.4	7.8	3.6	2.1	3.8	7.1	4.0	2.7	5.9
	1AH	3.0	1.2	3.2	10.2	7.4	2.5	2.6	3.4	7.0	5.2	3.2	6.5
	1BA	1.6	0.1	0.3	4.3	5.7	0.8	1.9	1.6	1.6	4.4	2.0	6.0
	1BB	1.4	0.1	0.3	4.2	5.4	1.3	2.5	2.3	2.1	3.7	1.7	5.6
	1BC	1.1	0.1	0.3	3.8	5.0	1.6	2.6	2.9	2.6	3.3	1.6	4.8
	1BD	1.3	0.1	0.9	5.1	5.9	1.4	2.8	4.5	3.1	4.3	2.1	6.0
	1BE	1.2	0.1	0.6	5.1	5.3	1.6	2.8	4.3	3.4	3.7	2.0	5.0
	1BG	1.3	0.2	1.1	5.7	6.0	1.9	2.7	5.8	4.2	4.2	2.3	5.3
	1BH	1.6	0.4	1.7	6.2	6.9	2.5	2.4	6.4	4.9	4.0	2.5	5.5
	1CA	1.2	0.1	0.6	4.1	5.8	1.0	2.6	3.2	2.2	4.8	2.2	6.0
	1CB	1.2	0.1	0.8	3.8	6.1	1.1	2.7	3.6	2.3	5.0	2.4	5.9
	1CC	1.5	0.3	0.8	3.9	6.2	1.2	2.4	3.8	2.7	4.9	2.7	5.7
	1CD	1.9	0.3	2.4	5.7	6.5	2.1	3.1	6.1	3.7	4.4	2.0	6.5
	1CE	1.9	0.2	3.0	6.5	7.2	2.8	2.4	7.8	4.8	3.8	2.4	6.9
	1DA	3.0	0.5	4.1	7.9	7.7	3.6	2.1	7.3	5.8	3.7	2.3	7.0
	1DB	2.2	0.6	2.5	7.0	7.5	3.5	2.0	6.1	5.7	3.6	2.4	5.6
	1DC	3.1	0.8	3.9	8.1	7.9	4.2	1.8	5.6	6.6	3.3	2.2	6.0
	1DD	3.2	0.9	4.0	8.7	8.1	4.2	1.8	4.7	6.9	3.3	2.3	5.8
	1EA	3.8	0.4	4.3	8.4	6.8	3.4	2.7	7.1	5.9	4.2	2.5	7.2
	1EB	4.2	0.5	4.3	8.9	6.9	3.9	2.4	5.8	6.8	3.8	2.4	6.5
	1EC	3.7	0.6	4.8	8.8	7.5	3.7	2.3	6.4	6.3	3.9	2.2	7.3
	1ED	3.3	0.9	4.3	9.3	6.9	3.4	2.2	4.6	6.7	3.8	2.4	6.6
	1EE	2.7	1.2	3.9	9.9	6.7	2.5	2.3	3.7	6.6	4.2	2.7	6.8
	1EF	2.9	1.2	3.4	10.0	7.0	2.5	2.3	3.5	6.7	4.5	2.9	6.6
	1EG	3.0	1.1	4.0	9.7	6.1	2.3	2.1	4.0	6.3	3.6	2.7	7.0
	1FA	1.8	0.5	1.0	4.3	6.1	1.4	2.7	4.2	4.5	4.5	2.7	5.6
	1FB	2.7	0.5	2.5	6.6	6.5	2.4	3.3	6.3	4.5	4.5	2.6	6.1
	1FC	3.0	0.6	2.5	7.0	6.3	2.6	3.2	6.6	5.5	4.4	3.3	5.8
	1FD	2.5	0.7	1.9	6.4	6.2	2.1	3.0	5.9	5.7	4.1	3.6	5.3
	1FE	4.0	0.7	3.8	8.6	5.7	3.0	2.6	6.0	6.2	3.8	3.1	6.3
	1FF	3.9	1.0	3.3	8.7	5.1	2.3	2.1	4.4	5.6	3.0	3.1	6.2
	1FG	3.4	1.2	3.5	9.7	5.9	1.9	2.0	3.5	6.0	3.8	3.1	6.9
LVSCA	1GA	2.2	0.8	1.7	5.8	4.7	1.6	2.6	3.7	6.3	3.0	3.4	5.6
	1GB	2.9	0.9	2.6	6.9	4.7	2.0	2.9	4.7	7.1	3.2	4.5	4.9
	1GC	2.2	1.1	1.7	5.2	3.7	1.5	1.9	2.7	5.1	2.9	2.9	7.0
	1GD	3.3	1.4	2.4	6.7	3.2	1.7	2.3	2.9	6.8	2.6	4.3	5.3
	1GE	3.6	1.4	2.1	6.4	3.0	1.7	2.3	3.0	6.2	2.7	4.0	5.9
	1GF	3.6	1.3	2.2	6.7	3.6	1.7	2.1	3.3	5.0	2.2	3.6	6.0
	1GG	2.5	1.3	2.0	6.2	3.9	1.7	2.2	2.9	6.9	2.9	3.5	6.2
	1HA1	3.7	1.1	2.5	7.8	4.3	1.9	2.2	4.2	5.5	2.6	3.8	5.3
	1HA2	3.4	1.2	2.3	7.1	3.5	1.4	2.2	3.4	5.7	2.3	4.3	5.0
	1HB1	3.5	1.3	3.2	8.8	4.9	1.8	1.7	3.5	5.4	2.8	3.1	6.3
	1HB2	3.8	1.3	2.8	8.5	4.3	1.6	1.8	3.2	5.3	2.2	3.6	5.9
	1HC	3.3	1.3	3.4	8.8	5.8	1.8	1.6	3.3	4.9	3.3	3.3	6.9
	1HD	3.8	1.4	4.0	7.3	5.9	3.1	1.9	4.6	4.6	2.5	3.4	7.5
	1HE	3.5	1.5	4.7	7.6	7.0	3.5	1.7	4.7	4.3	2.5	3.6	7.9
	1HF	2.7	1.6	3.2	7.6	6.5	2.4	0.9	3.3	3.5	2.6	3.5	7.6
	1HG	2.6	1.6	3.5	8.1	6.7	2.5	0.8	3.3	3.8	2.7	3.4	7.7
	1JA	2.7	1.5	2.2	5.7	4.6	1.8	1.7	3.0	4.5	3.1	2.8	8.0
	1JB	4.0	1.8	2.6	7.0	4.7	2.4	2.0	3.9	5.8	3.4	3.1	8.3
	1JC	3.6	1.6	2.2	6.5	3.9	2.1	2.1	3.7	6.2	3.4	3.4	7.8
	1JD	4.1	1.5	2.5	6.9	4.2	2.5	2.3	4.3	6.0	3.3	3.3	7.7
	1JE	3.8	1.7	3.8	7.0	6.6	2.9	1.8	4.2	4.8	2.8	3.0	8.4
	1JF	3.6	1.4	3.0	6.5	5.7	2.5	1.9	4.1	4.8	3.0	2.7	8.2
	1JG1	4.0	1.3	3.3	6.9	5.2	2.9	2.3	4.8	5.2	2.8	3.1	7.6
	1JG2	3.7	1.4	3.5	7.3	5.1	2.6	1.9	4.0	4.6	2.1	3.4	6.8
	1KA	3.3	1.6	5.2	7.9	8.0	4.1	1.6	5.1	4.3	2.6	3.7	8.4
	1KB	2.9	1.7	4.3	8.2	7.5	3.4	1.2	4.1	4.2	2.7	3.4	8.2
	1KC	3.1	1.8	4.3	8.1	7.4	3.4	1.4	4.2	4.3	2.8	3.3	8.5
	1LA1	2.6	1.7	2.4	5.3	5.6	1.6	1.4	2.4	3.5	2.7	2.8	8.1
	1LA2	3.3	1.8	4.0	7.1	7.0	3.0	1.5	3.7	4.1	2.4	2.9	7.9
	1LA3	1.8	1.0	1.5	4.6	4.8	1.3	0.5	1.2	1.7	1.7	2.0	5.0
	1LB1	2.3	1.5	2.1	4.9	5.3	1.5	1.1	1.9	2.8	2.4	2.6	7.4
	1LB2	2.2	1.2	1.8	4.9	5.0	1.4	0.7	1.5	2.2	1.8	2.1	5.5

Monthly Rainfall by Sub-basin

Year 2009 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.3	0.1	0.2	1.1	1.3	0.1	0.3	0.2	0.2	2.4	0.9	3.2
	2AB	0.3	0.0	0.1	0.9	1.5	0.1	0.5	0.4	0.4	1.7	0.6	3.6
	2BA	1.1	0.1	0.3	3.2	4.9	1.5	2.1	2.2	2.1	2.9	1.5	4.9
	2BB	1.3	0.1	0.3	2.9	5.0	1.2	2.0	1.6	1.6	2.5	1.2	4.7
	2BC	1.1	0.1	0.5	3.2	4.7	1.0	1.9	1.9	1.8	2.2	1.1	4.5
	2BD	0.7	0.0	0.2	1.3	2.9	0.5	0.9	0.8	0.8	1.3	0.5	3.8
	2CA	0.5	0.0	0.2	1.0	2.3	0.4	0.7	0.6	0.6	1.2	0.4	3.7
	2CB	1.4	0.1	0.2	3.8	4.8	0.7	1.3	1.4	1.4	4.7	2.3	6.6
	2CC	1.0	0.1	0.2	2.2	3.9	0.8	1.3	1.1	1.1	2.4	1.0	4.6
	2D	0.9	0.1	0.2	2.4	3.5	0.9	0.9	0.5	0.7	3.4	1.0	5.6
	2EA	0.5	0.2	0.4	2.7	4.2	0.7	0.6	1.8	1.2	2.3	3.0	6.2
	2EB	0.4	0.1	0.2	1.9	3.7	0.7	0.6	1.6	1.0	2.4	2.5	6.3
	2EC	0.6	0.3	0.9	3.0	4.4	0.8	0.8	1.6	1.2	2.4	2.5	6.6
	2ED	1.1	0.2	0.6	2.7	3.9	0.9	1.6	2.1	2.1	3.0	2.1	6.5
	2EE	0.8	0.0	0.1	2.2	3.2	0.8	0.7	0.7	1.0	3.3	1.9	7.3
	2EF	0.7	0.2	0.6	2.2	3.3	0.8	1.0	1.4	1.2	2.5	2.0	7.1
	2EG1	0.7	0.4	1.0	2.9	4.5	0.8	1.1	1.7	1.6	2.5	2.1	7.4
	2EG2	0.6	0.1	0.4	2.2	3.3	0.8	0.7	1.0	1.0	2.6	1.9	6.9
	2EH	1.0	0.0	0.1	3.1	3.4	0.7	0.9	0.6	1.0	3.9	1.4	7.0
	2EJ	0.4	0.0	0.1	1.5	2.7	0.9	0.7	0.2	0.5	2.8	0.8	5.9
	2EK	0.3	0.0	0.1	1.4	2.8	0.8	0.6	0.6	0.5	2.6	1.3	6.0
	2FA	0.6	0.1	0.4	3.1	3.8	1.0	0.7	1.8	1.1	2.0	2.9	4.7
	2FB	0.6	0.3	0.6	3.9	4.7	0.8	0.7	1.8	1.4	2.3	3.1	5.6
	2FC	0.5	0.2	0.6	3.3	4.4	0.9	0.8	1.4	1.0	2.1	2.5	5.5
	2GA	0.7	0.1	0.4	3.2	3.7	0.9	0.6	1.7	1.2	2.0	2.6	4.3
	2GB	0.6	0.1	0.5	2.7	3.8	1.0	0.7	2.1	1.4	2.5	2.9	4.0
	2GC	0.5	0.2	1.1	2.8	3.7	1.2	0.6	1.8	1.8	3.6	2.1	3.4
	2GD	0.7	0.2	0.6	3.0	3.7	0.9	0.5	1.1	1.0	2.3	1.9	3.9
	2H-1	1.3	0.7	0.8	3.1	3.7	1.3	0.2	0.2	0.5	2.2	2.1	4.2
	2H-2	1.5	0.8	0.9	3.1	3.4	1.6	0.2	0.1	0.2	2.3	2.4	4.9
	2H-3	1.6	0.7	0.8	3.3	2.7	1.3	0.1	0.0	0.2	1.8	2.3	5.3
	2J	0.4	0.0	0.2	1.3	2.1	0.3	0.9	0.8	0.8	1.5	0.6	3.7
	2KA	1.3	0.9	0.9	3.5	4.2	0.9	0.4	0.6	1.0	1.6	1.8	5.0
	2KB	1.0	0.6	0.4	3.2	3.9	0.9	0.1	0.1	0.4	1.5	1.6	3.5
	2KC	1.1	0.6	0.6	3.1	3.8	1.2	0.1	0.0	0.3	1.6	1.8	4.1
ACA	3AA	1.8	1.0	1.1	3.1	3.6	2.0	0.2	0.1	0.2	2.9	2.7	4.8
	3AB	1.6	0.7	0.8	3.3	2.2	1.2	0.1	0.0	0.1	1.9	2.2	5.6
	3AC	1.9	0.8	0.9	4.1	2.3	0.7	0.1	0.0	0.2	3.6	2.8	4.2
	3BA	1.8	1.1	1.2	3.5	3.7	1.7	0.2	0.1	0.3	3.9	3.1	4.1
	3BB	1.8	1.5	1.2	3.6	3.5	1.3	0.2	0.1	0.3	4.4	3.3	3.8
	3BC	1.6	1.4	1.3	3.6	3.6	1.2	0.3	0.3	0.6	4.5	3.0	3.7
	3BD	1.6	1.4	1.3	3.7	3.4	1.0	0.2	0.3	0.5	4.6	3.2	3.7
	3CB	1.6	1.1	1.4	4.2	3.2	0.8	0.2	0.3	0.5	4.6	3.3	3.6
	3DA	1.9	0.3	0.9	4.2	1.5	0.1	0.0	0.0	0.2	4.1	2.9	4.1
	3DB	1.7	0.2	0.4	2.8	1.2	0.1	0.0	0.0	0.1	4.2	3.7	4.3
	3EA	1.9	0.4	0.5	3.9	1.1	0.2	0.0	0.0	0.1	2.9	2.1	4.1
	3EB	1.8	0.4	0.5	3.3	1.0	0.1	0.0	0.0	0.1	3.6	3.0	4.0
	3EC	1.8	0.6	0.4	3.1	1.0	0.1	0.0	0.0	0.1	3.2	3.5	3.9
	3ED	1.7	0.4	0.4	2.5	0.9	0.1	0.0	0.0	0.0	4.0	4.4	4.1
	3FA	1.6	0.8	0.5	2.5	1.1	0.3	0.0	0.0	0.0	2.4	3.3	4.4
	3FB	1.3	0.7	0.6	1.4	0.2	0.0	0.0	0.0	0.0	1.5	3.6	4.2
	3G	1.4	0.9	1.1	2.9	0.3	0.1	0.2	0.0	0.0	1.4	3.1	5.7
	3HA	1.2	1.1	1.1	1.6	0.3	0.3	0.0	0.0	0.0	1.8	3.4	4.8
	3HB	0.8	0.7	0.8	2.3	0.8	2.2	0.5	0.2	0.2	4.9	2.6	3.2
	3HC	0.3	0.4	0.5	2.0	2.1	5.3	1.3	0.6	0.4	9.3	1.6	1.6
	3HD1	0.2	0.4	0.6	2.0	2.3	5.5	1.3	0.6	0.4	9.5	1.7	1.5
	3HD2	0.3	0.3	0.3	2.2	2.6	6.4	1.4	0.8	0.4	10.4	1.4	1.7
	3J	1.3	1.2	1.7	3.6	0.3	0.3	0.2	0.0	0.0	2.0	2.8	7.1
	3K	0.8	1.2	0.6	0.8	1.4	4.5	1.2	0.9	0.1	6.2	1.1	2.4
	3LA	0.9	0.9	1.0	2.5	0.9	2.3	0.6	0.3	0.2	5.4	2.4	3.4
	3LB	0.2	0.4	0.5	2.1	2.1	5.4	1.3	0.6	0.4	9.7	1.5	1.2
	3MA-1	0.9	1.8	1.3	2.0	0.4	1.1	0.2	0.1	0.0	3.1	2.6	6.3
	3MA-2	0.8	1.7	0.6	1.5	0.7	2.8	0.7	0.5	0.1	4.7	1.9	3.6
	3MB	0.8	0.8	0.7	1.5	1.6	3.8	1.0	0.7	0.2	6.4	1.2	1.9
	3MC	0.9	1.1	0.5	0.7	1.3	4.3	1.2	0.8	0.1	5.7	1.0	2.2
	3MD1	0.4	0.8	1.1	1.7	2.8	4.9	1.3	1.1	0.2	8.6	0.9	1.7
	3MD2	0.6	0.8	0.9	1.0	2.0	4.6	1.3	1.1	0.1	7.3	0.7	2.0
	3N	1.5	0.9	0.7	2.9	1.3	0.4	0.1	0.0	0.1	1.8	2.8	5.0

Monthly Rainfall by Sub-basin

Year 2009 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.8	0.8	1.0	4.6	3.9	0.5	0.1	0.6	0.2	5.9	3.7	1.8
	4AB	1.0	0.8	1.0	3.2	3.0	0.8	0.2	0.8	0.7	5.0	2.3	2.3
	4AC	1.0	0.8	1.2	3.4	3.1	0.8	0.2	0.7	0.9	5.0	2.4	2.2
	4AD	1.0	0.7	1.4	3.6	3.3	0.9	0.2	0.9	1.0	5.2	2.4	2.2
	4BA	1.8	0.6	1.6	4.6	3.6	0.6	0.0	0.3	0.2	5.4	3.5	1.2
	4BB	2.1	0.7	1.3	5.2	4.4	0.5	0.0	0.5	0.1	6.1	4.1	1.4
	4BC	2.3	0.4	1.9	5.2	4.0	0.5	0.0	0.3	0.1	5.6	4.1	1.2
	4BD	1.3	0.5	1.6	4.1	3.4	0.8	0.2	0.6	0.8	5.1	2.9	1.9
	4BE	1.6	0.6	2.0	4.2	3.0	0.7	0.1	0.3	0.5	4.8	3.2	1.9
	4BF	1.9	0.5	2.0	4.8	2.7	0.5	0.0	0.1	0.2	4.6	3.7	2.4
	4BG	1.9	0.3	2.4	4.4	2.0	0.5	0.0	0.0	0.2	4.3	3.6	2.7
	4CA	1.0	0.9	1.3	3.6	3.5	1.0	0.4	0.9	1.1	4.5	2.5	3.2
	4CB	1.3	1.0	1.5	4.1	3.3	0.8	0.2	0.5	0.7	4.9	3.1	2.8
	4CC	1.9	0.5	1.6	4.6	2.0	0.3	0.0	0.0	0.2	4.4	3.6	3.6
	4DA	2.3	0.4	2.4	5.1	3.6	0.5	0.0	0.3	0.1	5.4	4.4	1.6
	4DB	2.9	0.4	2.3	5.7	4.1	0.4	0.1	0.4	0.2	6.2	5.7	1.7
	4DC	3.3	0.4	2.3	6.2	4.4	0.4	0.1	0.5	0.2	6.6	6.5	1.7
	4DD	2.3	0.4	2.6	4.5	2.5	0.5	0.0	0.2	0.1	4.8	4.3	1.9
	4DE	1.9	0.3	2.0	3.7	1.4	0.3	0.0	0.0	0.1	4.3	3.3	3.5
	4EA	4.0	0.7	1.8	6.6	4.0	0.2	0.0	0.5	0.2	11.2	8.2	3.5
	4EB	3.8	0.5	1.9	6.6	4.0	0.2	0.0	0.7	0.2	8.4	8.1	2.6
	4EC	2.9	0.4	2.2	5.6	3.3	0.3	0.1	0.4	0.1	5.9	6.1	2.2
	4ED	1.7	0.3	1.5	3.5	1.7	0.2	0.0	0.1	0.0	4.5	3.6	3.7
	4FA	3.9	0.9	1.7	6.5	3.9	0.3	0.0	0.2	0.2	12.6	7.6	4.1
	4FB	3.4	0.9	1.7	6.7	3.7	0.2	0.0	0.2	0.1	11.7	7.2	4.1
	4GA	3.3	0.9	1.7	6.2	3.5	0.2	0.0	0.1	0.1	11.7	6.8	4.1
	4GB	2.1	0.6	1.0	4.8	2.5	0.2	0.0	0.1	0.0	8.7	4.7	4.3
	4GC	0.9	0.3	0.3	2.4	1.2	0.2	0.0	0.0	0.0	5.5	2.3	4.4
	4GD	0.8	0.1	0.4	1.7	0.9	0.5	0.1	0.1	0.0	4.3	2.0	4.1
	4GE	1.1	0.2	0.4	1.8	1.0	0.6	0.2	0.1	0.0	4.3	3.2	4.0
	4GF	1.2	0.2	0.2	1.4	1.2	2.1	0.5	0.3	0.1	5.8	3.2	3.7
	4GG	0.8	0.2	0.2	1.8	2.6	6.8	1.6	1.0	0.3	12.2	1.2	3.0
	4HA	1.5	0.4	0.3	1.7	0.8	0.1	0.0	0.0	0.0	3.2	4.6	4.1
	4HB	1.2	0.4	0.3	1.1	0.8	1.8	0.5	0.3	0.1	4.4	3.7	3.2
	4HC	1.0	0.6	0.8	1.6	0.7	1.5	0.4	0.2	0.1	3.6	3.2	3.2
	4JA	0.5	0.1	0.1	1.5	1.4	2.3	0.5	0.3	0.0	7.3	1.0	3.7
	4JB	0.5	0.0	0.0	1.5	2.5	5.8	1.3	0.8	0.2	11.1	0.7	2.9
	4KA	0.5	0.0	0.1	1.5	2.1	4.8	1.1	0.7	0.2	9.8	0.9	3.2
	4KB	0.6	0.1	0.1	1.5	2.2	5.3	1.3	0.8	0.2	10.4	0.9	3.2
ENNCA	5AA	0.3	0.1	0.1	1.5	3.9	0.6	0.7	2.2	0.9	2.5	2.9	5.1
	5AB	0.3	0.1	0.1	1.2	3.4	0.7	0.7	2.0	0.8	2.8	2.6	4.5
	5AC	0.3	0.0	0.0	1.0	2.7	0.6	0.6	0.7	0.3	3.1	1.5	4.8
	5AD	0.3	0.0	0.0	0.8	2.7	0.6	0.6	1.2	0.4	3.3	2.0	4.1
	5BA	0.9	0.7	0.7	2.8	2.9	0.9	0.3	1.0	0.8	4.9	2.2	2.5
	5BB	0.6	0.6	0.6	2.1	2.9	1.0	0.4	1.3	1.0	4.5	2.2	3.2
	5BC-1	0.8	0.4	0.3	1.9	2.5	0.7	0.4	1.2	0.5	4.2	2.3	3.2
	5BC-2	0.6	0.1	0.1	1.2	1.9	0.6	0.5	0.8	0.4	4.1	2.2	3.5
	5BD	0.3	0.1	0.1	0.9	2.8	0.7	0.6	1.6	0.6	3.2	2.3	3.9
	5BE	1.6	0.4	0.6	2.3	2.2	0.5	0.3	0.8	0.4	6.0	3.4	3.3
	5CA	0.4	0.0	0.1	1.2	2.6	0.7	0.6	0.5	0.4	3.1	1.2	4.8
	5CB	0.9	0.3	0.9	1.5	1.6	0.5	0.3	0.3	0.4	3.9	2.3	3.5
	5CC	0.6	0.2	0.6	1.4	1.9	0.5	0.4	0.1	0.3	3.6	1.6	4.1
	5DA	2.8	0.8	1.7	3.5	2.1	0.2	0.1	0.2	0.4	8.7	5.6	3.2
	5DB	1.7	0.5	1.1	2.0	1.6	0.4	0.3	0.5	0.4	5.5	3.5	3.2
	5DC	0.5	0.1	0.2	1.1	2.1	0.6	0.4	0.5	0.3	3.7	2.0	3.9
	5DD	1.3	0.4	1.0	1.7	1.6	0.4	0.3	0.4	0.4	4.9	3.3	3.2
	5EA	0.5	0.2	0.2	2.4	0.9	0.1	0.0	0.0	0.0	4.4	0.9	1.6
	5EB	0.9	0.3	0.4	2.5	1.2	0.2	0.0	0.0	0.0	4.5	1.4	1.9
	5EC	1.5	0.7	0.9	2.8	1.5	0.2	0.0	0.0	0.1	7.2	3.2	2.8
	5ED	2.7	0.9	1.4	4.8	2.6	0.2	0.0	0.0	0.1	10.5	5.5	3.5
	5FA	1.4	0.4	0.6	3.6	1.9	0.6	0.1	0.1	0.0	7.9	3.0	3.8
	5FB	0.7	0.3	0.1	3.1	1.3	0.3	0.0	0.0	0.0	6.4	1.7	2.9
	5G	0.4	0.2	0.2	1.8	0.9	0.1	0.0	0.0	0.0	4.3	1.1	0.5
	5HA	0.1	0.2	0.1	1.0	0.6	0.1	0.0	0.0	0.0	4.9	1.1	0.2
	5HB	0.3	0.2	0.2	1.1	0.8	0.1	0.0	0.0	0.0	4.5	1.2	0.2
	5J	0.6	0.3	0.4	1.5	1.1	0.2	0.1	0.0	0.1	3.8	1.4	2.7

Monthly Rainfall by Sub-basin

Year 2010 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.0	5.1	6.0	6.7	6.7	5.5	4.6	5.1	7.6	8.2	3.8	3.8
	1AB	1.8	4.7	5.8	6.9	6.8	5.2	4.8	4.8	7.3	7.8	3.5	3.7
	1AC	2.3	5.5	6.2	6.8	6.6	5.5	4.6	5.6	7.3	8.9	4.3	3.6
	1AD	2.2	5.8	6.3	6.1	6.7	5.8	4.1	5.3	6.9	8.6	4.2	3.7
	1AE	1.7	5.9	6.5	5.5	6.2	4.7	2.9	4.1	5.4	7.8	3.9	3.4
	1AF	2.4	6.1	6.5	5.9	6.6	5.7	3.8	5.3	6.2	8.6	4.4	3.5
	1AG	2.2	6.1	6.6	5.7	6.8	5.9	3.7	5.2	6.2	8.2	4.3	3.6
	1AH	1.5	5.7	6.3	5.3	6.2	4.5	2.6	3.8	5.3	7.2	3.7	3.4
	1BA	0.8	3.7	8.6	7.0	5.9	3.1	4.0	4.0	2.9	4.2	1.9	1.0
	1BB	0.3	3.9	7.0	7.0	5.7	3.6	4.4	3.7	3.4	4.2	1.9	1.6
	1BC	0.2	3.9	5.5	6.5	6.4	3.9	4.7	4.0	3.6	4.6	1.6	2.4
	1BD	1.0	3.9	5.5	6.5	6.8	3.6	5.1	4.2	5.2	4.6	1.4	2.1
	1BE	0.4	3.4	4.8	6.5	7.0	3.6	4.9	3.9	4.8	5.0	1.5	2.7
	1BG	0.8	3.3	5.1	6.8	7.3	4.1	5.2	3.9	6.6	5.4	1.8	3.2
	1BH	1.2	3.7	5.4	7.1	7.2	4.7	5.3	4.2	8.0	6.3	2.4	3.7
	1CA	1.8	4.3	6.3	5.3	7.4	3.1	5.4	5.2	3.5	3.9	1.2	1.6
	1CB	2.2	4.4	5.8	4.8	8.1	3.4	6.2	6.0	4.0	3.8	1.1	1.8
	1CC	2.8	4.4	5.7	4.7	8.3	3.6	6.1	5.6	4.4	3.9	1.6	2.0
	1CD	2.1	4.9	4.8	5.6	7.4	5.8	5.9	5.9	7.1	4.9	1.4	2.9
	1CE	1.1	4.1	5.3	7.4	7.3	5.9	6.1	5.0	10.3	6.2	1.7	3.6
	1DA	1.9	5.0	6.2	7.1	7.2	7.5	5.8	6.1	10.0	7.4	2.8	3.6
	1DB	1.7	4.7	5.9	7.0	6.9	5.4	5.0	5.0	7.9	7.6	3.2	3.7
	1DC	2.3	5.7	6.5	6.5	6.9	6.4	4.7	5.7	7.6	8.2	4.0	3.7
	1DD	2.4	6.1	6.6	6.1	6.8	6.1	4.1	5.6	6.7	8.5	4.4	3.6
	1EA	2.3	5.5	6.5	6.5	7.6	8.6	5.8	6.2	9.3	6.0	2.3	3.9
	1EB	1.9	6.1	7.3	6.3	7.6	8.0	4.8	5.6	8.1	6.3	3.0	4.4
	1EC	2.3	5.7	6.9	6.3	7.4	8.4	5.4	6.5	8.9	7.2	3.3	3.8
	1ED	1.9	5.9	6.7	5.5	7.1	6.6	3.8	5.0	6.6	7.3	3.7	3.9
	1EE	1.4	5.4	6.2	5.0	6.6	4.8	2.5	3.6	5.4	6.8	3.7	3.6
	1EF	1.3	5.4	6.2	5.6	5.9	4.1	2.4	3.4	5.2	6.4	3.4	3.3
	1EG	1.3	5.3	6.2	5.4	6.5	4.6	2.4	3.6	5.6	6.2	3.1	3.7
	1FA	3.1	4.4	5.3	4.6	8.0	4.4	6.0	5.2	5.6	4.3	2.0	2.5
	1FB	2.9	5.4	5.1	5.4	7.4	6.6	5.4	5.4	6.9	5.1	1.7	3.2
	1FC	3.4	5.4	5.3	5.6	7.3	6.8	5.1	4.7	7.3	5.3	2.1	3.6
	1FD	3.8	5.3	5.1	5.5	7.3	5.8	4.6	3.9	6.9	5.2	2.2	3.5
	1FE	2.7	5.6	6.4	6.6	7.3	7.0	4.3	5.0	7.6	5.0	2.4	4.2
	1FF	2.0	5.4	6.3	7.3	6.7	4.7	2.8	4.3	6.2	4.2	2.3	4.1
	1FG	1.1	5.1	6.1	5.8	5.3	3.0	1.8	3.1	5.0	5.5	2.5	3.0
LVSCA	1GA	4.1	5.0	5.3	5.1	7.4	4.9	4.6	4.5	5.5	4.3	2.4	3.0
	1GB	4.7	5.5	5.4	5.7	6.6	5.5	3.5	3.6	6.4	4.6	2.6	3.9
	1GC	3.1	5.0	6.7	5.6	6.7	4.1	4.6	5.1	4.6	4.9	2.1	3.3
	1GD	4.0	5.9	6.2	6.2	6.3	4.4	3.3	3.7	4.5	4.1	2.2	4.2
	1GE	3.3	6.1	6.2	6.9	6.0	4.5	3.9	4.0	4.0	4.7	1.8	4.3
	1GF	3.0	6.3	5.7	7.7	5.9	3.9	3.5	4.0	4.0	3.9	1.6	4.7
	1GG	3.7	5.2	6.2	5.8	7.1	4.8	4.2	4.6	4.7	4.5	2.4	3.6
	1HA1	3.2	5.3	5.7	7.7	6.2	4.2	2.9	4.0	5.6	3.4	2.0	4.3
	1HA2	3.8	5.5	5.5	7.3	5.7	3.8	2.9	3.7	4.8	3.3	1.9	4.4
	1HB1	1.4	5.0	5.9	6.7	5.3	2.6	1.6	3.2	4.9	4.1	2.2	3.3
	1HB2	2.5	5.0	6.0	8.2	5.9	2.9	1.9	4.0	5.2	3.4	1.8	4.0
	1HC	0.9	4.4	5.5	6.0	4.5	1.9	1.2	2.7	4.2	4.5	2.3	3.1
	1HD	2.7	5.8	5.8	7.9	7.8	4.7	2.7	5.1	5.3	4.7	2.3	5.4
	1HE	2.4	4.9	5.6	7.3	8.0	4.7	1.9	5.3	5.5	5.0	2.6	5.6
	1HF	1.0	4.1	4.4	6.0	5.1	2.6	0.8	3.3	3.5	3.7	2.5	4.5
	1HG	1.1	3.9	4.5	6.2	5.3	2.7	0.9	3.4	3.8	4.2	2.6	4.2
	1JA	2.9	6.0	7.6	6.3	7.0	3.7	3.7	4.4	4.3	5.8	2.2	4.5
	1JB	3.0	6.9	7.1	7.8	7.7	4.3	3.6	4.4	4.2	6.3	2.2	4.9
	1JC	2.9	5.8	7.0	7.4	7.2	4.6	4.3	5.0	4.5	6.3	2.0	4.4
	1JD	2.8	6.7	6.5	8.1	7.3	4.8	4.2	4.8	4.5	5.9	1.9	4.8
	1JE	4.0	7.5	7.0	7.0	8.6	4.1	2.2	3.9	5.1	5.8	3.0	6.3
	1JF	3.4	7.6	6.9	7.0	7.9	4.0	3.0	4.0	4.8	5.3	2.6	5.6
	1JG1	2.9	7.2	6.0	8.0	7.7	5.0	3.8	4.9	4.9	5.0	2.2	5.3
	1JG2	3.0	6.1	5.7	8.1	7.3	4.2	2.8	4.8	5.0	4.0	2.1	5.1
	1KA	2.4	4.9	5.4	7.0	8.6	5.3	1.9	5.6	5.7	5.4	2.9	6.3
	1KB	2.2	5.3	4.8	6.9	7.6	4.2	1.6	4.4	4.8	4.7	2.9	5.9
	1KC	2.9	6.2	5.5	7.1	8.3	4.3	1.7	4.2	5.0	5.3	3.0	6.0
	1LA1	3.6	6.3	8.1	5.5	6.9	3.0	2.5	3.4	4.3	6.1	2.6	5.1
	1LA2	4.0	6.6	6.5	6.5	8.2	3.9	1.8	3.8	4.9	5.9	3.0	5.5
	1LA3	3.9	4.3	4.8	3.6	4.8	1.2	0.5	1.3	2.2	4.6	2.9	4.2
	1LB1	3.8	6.0	7.3	4.8	6.3	2.5	2.0	2.9	3.9	6.0	2.5	4.8
	1LB2	4.2	5.4	5.0	4.0	5.3	1.5	0.7	1.5	2.7	6.1	2.9	4.7

Monthly Rainfall by Sub-basin

Year 2010 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	1.0	1.2	2.9	2.7	1.6	0.7	1.6	1.3	0.6	1.1	0.7	0.5
	2AB	0.9	1.3	3.2	2.3	2.2	1.1	1.8	1.8	1.0	1.2	0.6	0.4
	2BA	0.4	3.9	5.5	6.0	5.5	3.9	5.0	3.7	3.6	3.8	1.7	2.1
	2BB	0.6	3.1	5.6	5.4	5.0	3.3	4.5	3.6	3.0	3.5	1.8	1.5
	2BC	0.9	2.8	4.2	4.6	5.6	3.0	4.9	3.7	2.9	3.2	1.6	2.2
	2BD	0.8	1.6	3.6	2.7	3.3	1.8	2.7	2.5	1.6	1.8	0.8	0.9
	2CA	0.7	1.3	3.4	2.3	2.5	1.4	2.1	2.2	1.2	1.5	0.7	0.4
	2CB	1.9	4.4	9.1	6.4	8.2	3.1	5.4	5.6	3.1	4.4	1.7	1.0
	2CC	0.6	2.7	5.5	4.5	4.1	2.6	3.5	3.1	2.3	2.5	1.4	0.9
	2D	1.1	3.3	6.4	5.4	5.1	1.8	3.2	3.1	1.9	2.3	1.9	0.9
	2EA	1.7	5.2	6.7	5.2	5.4	2.2	3.7	6.2	3.8	4.1	1.3	0.5
	2EB	1.8	5.2	6.5	5.4	5.4	2.2	3.6	5.8	3.0	3.2	1.3	0.4
	2EC	1.4	4.8	7.5	4.4	5.6	2.3	4.3	5.7	4.2	4.9	1.6	0.7
	2ED	2.9	4.1	6.3	4.6	7.5	3.4	6.3	5.9	4.5	4.1	2.1	1.7
	2EE	2.1	4.5	8.3	5.8	8.6	2.8	5.6	5.9	2.9	4.3	1.6	0.8
	2EF	2.2	4.3	7.2	4.5	6.7	2.5	5.9	6.2	4.2	4.4	1.7	1.2
	2EG1	1.9	4.4	8.1	3.9	5.6	2.9	4.6	5.3	4.5	5.0	1.7	2.0
	2EG2	1.7	4.8	7.3	5.1	6.5	2.4	4.6	5.6	3.4	3.9	1.5	0.7
	2EH	1.5	4.9	9.6	6.4	8.5	2.8	4.8	5.6	2.5	4.4	1.7	0.7
	2EJ	1.3	3.5	5.3	5.3	5.4	1.2	2.9	3.1	1.6	1.9	1.7	0.5
	2EK	1.7	4.3	5.4	5.5	5.3	1.6	3.1	4.3	2.0	2.2	1.5	0.5
	2FA	1.9	4.6	5.7	4.0	4.8	1.7	2.6	4.8	4.2	5.9	2.0	0.6
	2FB	1.3	5.0	7.1	4.8	5.9	2.0	4.0	5.8	4.4	5.0	1.6	0.4
	2FC	1.5	4.9	6.7	4.0	5.0	1.8	3.4	4.7	4.4	5.2	1.9	0.6
	2GA	1.9	3.9	5.6	3.8	4.7	1.5	2.1	4.3	3.8	5.5	2.0	0.5
	2GB	2.2	4.2	5.6	4.2	4.6	1.7	2.4	5.0	3.8	5.5	2.1	0.6
	2GC	2.2	3.6	5.6	4.0	4.5	1.3	1.5	3.4	3.2	4.9	3.2	0.6
	2GD	2.3	3.6	5.2	3.3	4.6	1.1	1.2	2.8	3.0	4.7	2.6	0.7
	2H-1	3.3	3.0	5.5	3.3	5.9	0.6	0.2	0.8	1.1	2.5	3.2	1.7
	2H-2	3.5	2.8	6.6	3.6	7.1	0.6	0.1	0.4	0.4	1.8	3.4	2.2
	2H-3	3.4	2.3	6.6	3.2	5.8	0.4	0.0	0.3	0.3	1.5	3.6	2.3
	2J	0.8	1.7	3.6	2.9	3.3	1.8	2.6	2.4	1.6	1.9	0.8	0.9
	2KA	3.7	4.1	5.0	2.9	4.2	0.9	1.0	1.8	2.6	5.2	2.4	2.4
	2KB	3.5	2.7	4.0	2.5	3.9	0.3	0.1	0.5	1.0	3.0	2.8	2.1
	2KC	3.7	2.5	4.6	2.6	4.6	0.3	0.0	0.4	0.8	2.2	3.2	2.4
ACA	3AA	3.4	3.3	7.2	4.4	8.7	0.8	0.1	0.6	0.4	2.1	3.9	2.2
	3AB	3.4	2.5	7.2	3.2	5.4	0.3	0.0	0.2	0.2	1.1	3.5	2.5
	3AC	3.2	4.3	7.1	4.1	5.2	0.4	0.1	0.3	0.1	1.6	4.2	1.8
	3BA	3.6	4.1	7.1	5.1	9.0	0.9	0.1	0.7	0.4	2.4	4.3	1.9
	3BB	3.9	4.5	7.2	5.3	9.0	0.9	0.2	0.6	0.3	2.3	4.6	1.8
	3BC	3.8	4.2	7.0	5.2	8.6	0.9	0.2	0.7	0.5	2.6	4.6	1.6
	3BD	3.9	4.5	7.0	5.2	8.3	0.9	0.2	0.6	0.4	2.4	4.9	1.5
	3CB	3.9	4.5	6.9	5.2	7.3	0.8	0.2	0.5	0.3	2.2	5.0	1.5
	3DA	2.7	5.5	6.5	3.6	2.9	0.2	0.1	0.1	0.0	1.0	4.8	1.0
	3DB	2.2	3.7	5.5	4.6	1.7	0.2	0.1	0.2	0.2	0.8	5.5	0.7
	3EA	2.5	3.9	6.9	3.4	2.9	0.1	0.1	0.1	0.1	0.9	4.2	1.5
	3EB	2.7	3.9	5.9	4.1	2.2	0.2	0.1	0.2	0.2	0.9	4.7	1.0
	3EC	3.2	3.8	6.1	4.4	2.2	0.2	0.1	0.2	0.2	1.0	4.4	1.0
	3ED	2.8	3.7	5.8	5.0	1.4	0.3	0.1	0.2	0.3	0.9	5.2	0.9
	3FA	2.5	3.1	6.6	3.6	2.2	0.2	0.0	0.1	0.2	0.7	3.9	2.1
	3FB	1.4	2.8	6.5	2.7	0.3	0.0	0.0	0.1	0.0	0.1	4.0	2.4
	3G	2.0	2.0	5.2	3.0	0.4	0.1	0.0	0.1	0.0	0.1	3.7	2.2
	3HA	1.7	3.4	4.1	1.9	0.5	0.0	0.0	0.1	0.1	0.0	3.5	1.9
	3HB	1.1	1.6	2.4	2.6	3.3	1.0	1.1	0.9	0.5	0.1	3.3	1.1
	3HC	0.2	0.1	0.8	5.4	7.2	2.2	1.9	1.3	0.8	0.6	2.0	0.9
	3HD1	0.1	0.1	0.7	5.7	7.3	2.1	2.2	1.4	1.0	0.2	1.9	0.8
	3HD2	0.1	0.1	1.0	6.7	8.5	2.7	2.0	1.4	0.8	0.8	1.4	0.9
	3J	2.3	0.4	4.3	3.3	1.1	0.3	0.1	0.1	0.1	0.1	4.1	1.7
	3K	1.7	0.4	1.5	6.6	10.2	4.9	2.0	0.6	0.8	0.6	4.1	0.8
	3LA	1.2	0.9	2.2	2.8	4.0	1.3	1.0	0.7	0.5	0.1	3.7	1.0
	3LB	0.1	0.1	0.8	5.4	7.6	2.2	1.9	1.4	1.0	0.3	2.1	0.7
	3MA-1	1.8	0.8	3.9	3.6	2.8	1.7	0.6	0.2	0.3	0.2	4.3	1.2
	3MA-2	1.9	0.5	2.3	4.8	6.7	3.3	1.3	0.4	0.6	0.4	4.2	0.9
	3MB	1.4	0.2	1.4	5.3	8.9	3.7	1.7	0.8	0.8	0.4	3.9	0.9
	3MC	2.0	0.4	1.6	6.7	10.1	5.1	2.0	0.5	0.8	0.6	4.2	0.9
	3MD1	0.7	0.2	1.2	5.5	10.8	3.4	2.1	1.1	1.0	0.4	3.7	0.8
	3MD2	1.3	0.3	1.3	6.5	10.6	4.6	2.1	0.8	0.9	0.5	3.8	0.8
	3N	2.7	2.4	6.5	3.4	2.7	0.2	0.0	0.1	0.2	0.7	3.5	2.4

Monthly Rainfall by Sub-basin

Year 2010 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.3	3.7	7.3	9.8	4.0	0.5	0.9	1.1	0.2	2.3	5.9	1.1
	4AB	1.6	3.6	5.8	6.9	4.1	0.8	1.3	1.8	1.1	3.1	4.9	0.9
	4AC	2.0	3.6	6.3	7.4	5.0	0.8	1.0	1.7	1.4	3.3	5.0	0.8
	4AD	2.7	3.7	6.1	7.0	5.3	0.7	0.7	1.3	1.0	2.9	5.3	0.9
	4BA	2.6	4.3	5.8	7.6	6.7	0.4	0.6	0.8	0.0	2.2	5.5	0.8
	4BB	2.0	3.9	7.2	10.0	4.8	0.3	0.8	0.9	0.1	2.4	6.2	0.9
	4BC	2.2	4.3	5.9	7.7	6.6	0.3	0.6	0.8	0.1	2.3	5.4	0.8
	4BD	3.1	4.1	5.9	6.6	7.0	0.5	0.5	0.8	0.3	2.3	5.4	0.9
	4BE	3.2	4.4	5.7	5.8	7.3	0.5	0.4	0.6	0.2	2.0	5.3	0.9
	4BF	3.4	4.9	5.8	5.3	6.3	0.5	0.3	0.4	0.0	1.8	5.1	1.0
	4BG	2.8	5.7	5.9	4.9	4.4	0.2	0.2	0.3	0.0	1.3	4.6	0.9
	4CA	3.4	3.8	6.3	4.8	7.3	0.9	0.4	1.2	1.0	3.2	4.6	1.0
	4CB	3.8	4.3	6.2	5.3	7.9	0.7	0.2	0.6	0.3	2.3	5.3	1.1
	4CC	3.2	5.9	6.3	4.5	3.9	0.3	0.1	0.2	0.0	1.3	4.7	1.0
	4DA	2.0	4.6	6.3	7.6	5.5	0.3	0.6	0.8	0.1	2.3	5.2	0.9
	4DB	1.6	4.4	6.7	8.6	5.7	0.4	0.7	1.1	0.1	2.9	5.1	1.1
	4DC	1.5	4.3	7.0	9.5	5.7	0.5	0.7	1.2	0.1	3.4	5.0	1.2
	4DD	1.7	6.4	6.3	5.9	4.3	0.2	0.3	0.6	0.1	2.1	5.1	1.0
	4DE	2.1	7.0	5.9	4.3	2.6	0.0	0.1	0.2	0.0	1.1	5.2	0.7
	4EA	1.3	4.5	7.4	10.6	3.9	0.4	0.7	1.3	0.2	4.8	6.5	1.7
	4EB	1.5	4.2	7.9	11.5	4.5	0.5	0.7	1.1	0.2	4.8	6.2	1.8
	4EC	1.4	5.0	7.6	8.6	4.3	0.4	0.5	0.8	0.2	3.3	5.6	1.3
	4ED	0.8	5.3	6.3	5.2	1.8	0.1	0.1	0.2	0.2	1.5	6.8	0.7
	4FA	1.1	4.7	6.7	9.1	2.6	0.2	0.7	1.2	0.1	4.3	7.1	1.5
	4FB	1.0	4.3	6.8	8.3	2.0	0.2	0.5	0.7	0.2	3.7	7.4	1.3
	4GA	1.0	4.1	6.5	8.2	1.9	0.2	0.5	0.7	0.2	3.7	7.2	1.3
	4GB	0.6	3.0	6.3	6.8	1.4	0.1	0.4	0.4	0.2	2.6	6.0	1.4
	4GC	0.3	1.1	5.2	5.1	0.8	0.1	0.4	0.2	0.1	1.3	3.7	1.5
	4GD	0.5	1.4	5.5	5.1	1.3	0.6	0.5	0.2	0.1	1.1	4.3	1.4
	4GE	1.0	2.1	6.4	5.6	1.6	0.7	0.4	0.3	0.2	1.0	5.6	1.1
	4GF	1.2	1.4	5.8	6.4	3.5	1.8	0.9	0.5	0.2	0.9	4.1	1.2
	4GG	0.1	0.1	1.2	7.9	8.6	4.0	2.1	1.2	0.6	1.7	1.5	1.1
	4HA	1.8	3.2	6.8	4.3	0.7	0.1	0.0	0.1	0.1	0.4	5.5	1.2
	4HB	1.5	2.1	6.8	4.8	3.0	1.3	0.8	0.5	0.2	0.6	3.5	1.5
	4HC	1.4	2.3	3.9	2.7	2.4	0.7	0.7	0.6	0.3	0.1	3.1	1.6
	4JA	0.1	0.4	3.4	6.1	3.3	2.0	0.9	0.5	0.2	0.9	2.0	1.2
	4JB	0.0	0.1	1.8	8.9	8.1	4.1	1.6	1.1	0.5	1.1	1.8	1.2
	4KA	0.2	0.3	2.5	8.2	6.9	3.5	1.5	1.0	0.4	1.1	2.0	1.2
	4KB	0.2	0.2	2.2	8.5	7.3	3.9	1.7	1.0	0.4	1.2	2.0	1.2
ENNCA	5AA	2.3	4.7	4.8	4.9	4.2	1.9	3.2	5.5	2.9	3.0	1.4	0.5
	5AB	2.2	4.1	3.7	4.1	3.9	1.5	3.3	4.7	2.5	2.9	1.7	0.5
	5AC	2.0	2.8	3.6	5.4	4.0	0.9	3.5	2.8	1.2	1.2	2.0	0.7
	5AD	2.0	3.0	2.9	3.8	3.3	1.0	3.3	3.2	1.4	1.7	2.2	0.7
	5BA	1.4	3.6	5.2	5.9	3.3	1.0	1.5	2.0	1.1	2.9	4.8	0.9
	5BB	1.9	3.8	4.9	5.1	3.0	1.3	2.1	3.9	2.1	3.6	4.0	0.7
	5BC-1	1.3	3.5	4.8	4.8	2.9	1.1	2.0	2.7	1.1	2.5	3.7	1.0
	5BC-2	1.4	2.6	3.6	3.8	3.1	0.9	2.8	2.4	0.9	1.8	3.1	0.9
	5BD	1.9	3.6	3.1	3.2	3.4	1.3	3.0	3.9	1.9	2.5	2.3	0.7
	5BE	1.0	3.8	5.4	5.6	2.8	0.8	1.6	2.1	0.6	2.7	4.5	1.3
	5CA	1.6	2.4	3.8	4.5	3.8	0.7	3.1	2.4	1.2	1.5	2.0	0.6
	5CB	1.6	2.3	3.9	5.1	2.9	0.5	2.8	1.5	0.8	1.3	3.2	0.9
	5CC	1.6	2.4	4.1	4.9	3.5	0.6	2.7	1.8	1.0	1.4	2.4	0.6
	5DA	1.1	4.3	5.0	6.5	1.8	0.2	1.4	1.4	0.2	3.0	5.5	1.3
	5DB	1.1	3.4	4.6	5.0	2.2	0.5	2.4	1.7	0.5	2.2	4.6	1.3
	5DC	1.6	2.0	3.6	4.1	3.0	0.7	3.0	1.8	1.0	1.3	2.7	0.8
	5DD	1.5	2.5	4.1	5.1	2.4	0.5	2.7	1.5	0.7	1.6	4.2	1.1
	5EA	0.2	0.9	3.1	4.5	0.4	0.1	0.2	0.1	0.1	0.9	0.5	0.1
	5EB	0.5	1.1	3.0	5.2	0.6	0.2	0.3	0.2	0.1	1.2	1.3	0.2
	5EC	1.2	2.2	3.2	4.8	1.1	0.1	1.1	0.4	0.2	1.7	3.6	0.5
	5ED	1.0	3.3	4.4	6.3	1.4	0.1	0.8	0.8	0.1	2.6	5.3	0.9
	5FA	0.3	1.6	4.5	5.5	1.3	0.6	0.5	0.4	0.2	1.5	3.9	1.0
	5FB	0.2	0.9	3.9	4.4	0.6	0.5	0.3	0.2	0.2	0.8	2.9	0.7
	5G	0.3	1.7	3.2	4.9	0.2	0.1	0.2	0.1	0.1	1.3	0.3	0.0
	5HA	0.2	2.9	3.7	4.0	0.2	0.0	0.1	0.1	0.0	1.4	0.2	0.0
	5HB	0.3	2.3	3.4	4.6	0.2	0.1	0.2	0.1	0.0	1.4	0.3	0.0
	5J	1.2	1.4	2.8	3.8	1.3	0.2	1.0	0.7	0.3	1.2	1.1	0.3

Monthly Rainfall by Sub-basin

Year 2021 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.9	1.7	8.9	9.9	5.6	2.9	4.2	5.8	7.0	3.3	4.9	1.8
	1AB	0.8	1.7	9.0	9.3	5.5	3.4	4.4	5.9	7.6	3.3	3.7	1.5
	1AC	0.9	2.4	8.6	9.9	5.8	3.5	4.7	5.8	8.3	3.7	4.8	1.8
	1AD	1.0	1.9	9.0	10.7	6.0	2.1	4.2	5.5	7.5	3.8	6.2	2.3
	1AE	1.1	1.3	9.9	10.5	5.1	1.3	3.2	4.4	6.2	3.2	6.6	2.8
	1AF	1.1	2.0	8.9	10.5	6.1	2.3	4.3	5.3	7.0	3.9	6.1	2.3
	1AG	1.2	1.9	8.7	10.5	6.3	2.2	4.5	5.4	6.2	4.0	6.2	2.2
	1AH	1.3	1.1	8.8	9.8	5.2	1.2	3.4	4.3	5.4	3.8	6.6	2.3
	1BA	0.1	0.4	8.3	7.2	3.1	1.5	9.5	8.4	3.8	1.9	1.2	0.8
	1BB	0.1	0.7	8.4	7.5	3.9	2.1	9.1	7.9	5.3	2.8	1.5	0.9
	1BC	0.1	1.1	8.1	8.0	4.4	2.9	7.2	5.9	6.4	3.5	1.8	0.8
	1BD	0.5	0.7	8.7	8.2	3.8	3.1	6.0	7.4	5.3	2.1	1.2	0.9
	1BE	0.4	1.0	8.9	8.8	4.7	3.5	5.0	5.9	7.1	3.4	1.4	1.0
	1BG	0.6	1.1	9.5	9.1	4.7	3.8	4.6	6.5	7.5	3.0	1.4	1.0
	1BH	0.8	1.5	9.4	9.5	4.9	4.0	4.6	6.5	7.7	3.0	2.1	1.2
	1CA	0.3	0.5	7.5	7.5	3.0	2.2	6.1	7.0	3.8	1.4	1.1	0.7
	1CB	0.3	0.6	7.1	7.9	2.9	2.4	5.3	6.5	4.1	1.4	1.2	0.8
	1CC	0.4	0.7	6.9	7.0	3.4	2.6	5.8	6.4	4.5	1.8	1.2	1.1
	1CD	0.7	1.6	8.1	9.1	4.1	3.9	5.1	7.2	6.7	2.5	2.1	1.2
	1CE	1.2	2.0	9.4	10.9	4.0	4.9	4.9	7.4	7.8	2.9	2.4	1.2
	1DA	1.3	2.7	9.5	11.6	5.0	4.5	5.3	7.3	9.5	4.0	3.7	1.9
	1DB	0.9	2.0	9.0	9.8	5.4	3.9	4.7	6.2	8.2	3.5	3.3	1.5
	1DC	1.3	2.6	8.9	10.7	6.0	3.6	5.2	6.1	8.3	4.2	4.8	1.9
	1DD	1.3	2.4	8.6	10.6	6.4	3.0	5.0	5.6	7.3	4.3	5.6	2.1
	1EA	1.7	2.9	9.9	11.3	5.4	4.4	5.7	7.5	8.8	4.3	3.5	2.4
	1EB	2.2	3.0	10.2	11.9	5.8	3.9	5.8	6.7	7.3	4.5	4.4	2.6
	1EC	1.5	3.0	9.7	12.0	5.6	3.9	5.7	7.4	9.6	4.7	4.4	2.3
	1ED	1.7	2.2	8.8	11.2	6.4	2.6	5.3	5.8	6.2	4.5	5.8	2.1
	1EE	1.6	1.1	7.9	10.1	6.0	1.4	4.3	4.6	4.3	4.5	6.8	1.7
	1EF	1.5	1.0	8.0	9.1	5.2	1.3	3.6	4.0	4.5	4.4	6.7	1.8
	1EG	1.9	1.3	8.1	9.7	5.8	1.9	4.5	4.5	3.7	4.6	6.1	1.8
	1FA	0.6	1.0	7.1	6.8	4.1	3.3	6.5	6.8	5.4	2.3	1.4	1.3
	1FB	1.0	1.9	8.1	8.1	5.2	4.0	5.5	6.8	6.5	3.2	2.4	1.6
	1FC	1.2	2.1	8.1	7.7	5.6	4.1	5.7	6.2	6.2	3.4	2.6	1.8
	1FD	1.1	1.8	7.7	6.5	5.5	4.1	6.2	5.7	5.7	3.2	2.1	1.7
	1FE	1.9	2.5	9.6	9.4	6.0	3.8	5.1	6.0	6.0	3.8	3.7	2.4
	1FF	2.0	1.9	9.6	8.0	5.6	3.0	4.2	4.8	4.1	3.3	3.9	2.3
	1FG	1.8	0.9	7.8	7.1	4.4	1.5	3.3	3.4	3.6	4.8	5.8	1.6
LVSCA	1GA	0.9	1.6	7.6	7.1	5.4	3.6	6.5	5.9	5.4	2.4	1.5	1.8
	1GB	1.5	1.9	7.7	6.8	6.3	3.7	5.5	4.5	4.8	3.2	2.3	2.0
	1GC	0.6	1.8	7.5	6.8	5.7	3.0	6.3	6.2	5.3	2.2	1.6	1.5
	1GD	1.6	2.0	9.1	7.7	6.1	2.8	4.9	4.1	5.0	3.0	2.7	2.5
	1GE	1.3	2.3	9.7	8.5	5.7	2.5	4.9	4.3	6.2	3.5	2.9	2.4
	1GF	1.3	2.0	9.5	7.5	5.1	2.3	3.9	3.7	5.8	3.0	2.8	2.3
	1GG	1.0	2.0	8.2	7.5	5.9	3.2	6.3	5.9	5.2	2.3	1.8	2.1
	1HA1	1.6	1.8	9.5	5.9	5.7	3.0	3.7	4.2	4.0	2.4	3.0	2.3
	1HA2	1.4	1.6	9.1	5.5	5.6	2.6	3.5	3.5	4.2	2.4	2.8	2.2
	1HB1	1.9	1.1	8.1	6.1	4.5	1.9	3.2	3.3	3.2	4.1	4.6	1.6
	1HB2	1.8	1.6	9.8	5.5	5.1	2.6	3.2	3.8	3.3	2.4	3.6	2.4
	1HC	1.6	0.9	7.2	5.5	3.9	1.6	2.9	2.6	3.4	4.8	5.2	1.3
	1HD	1.5	2.5	8.7	8.1	5.3	2.8	3.8	4.1	5.6	3.2	3.1	2.5
	1HE	1.4	2.6	7.4	7.7	5.4	2.7	3.5	4.0	5.3	3.2	3.7	2.5
	1HF	1.5	2.3	5.7	5.6	4.2	1.9	2.8	2.2	4.0	3.6	3.8	2.2
	1HG	1.7	2.3	5.6	5.1	3.9	1.6	2.6	1.9	3.5	3.9	3.9	2.3
	1JA	1.1	2.4	8.7	9.4	5.9	3.2	6.0	5.3	6.2	3.3	2.2	2.2
	1JB	1.4	3.0	9.8	11.6	6.5	3.4	6.2	5.2	7.1	4.3	2.8	2.9
	1JC	1.1	2.9	9.7	10.1	6.4	3.2	6.6	6.0	6.8	3.8	2.8	2.5
	1JD	1.3	3.0	9.9	11.1	6.0	3.1	6.1	5.1	7.3	4.5	2.7	2.7
	1JE	2.0	2.5	8.6	9.7	5.7	3.6	4.6	3.4	5.6	3.2	2.3	3.1
	1JF	1.8	2.6	9.4	10.1	5.6	3.6	5.6	4.3	6.1	3.8	2.2	2.6
	1JG1	1.5	2.7	9.6	9.7	5.4	3.0	5.0	4.2	6.6	4.0	2.5	2.5
	1JG2	1.4	2.2	9.2	7.7	5.2	2.5	3.5	4.0	5.5	2.7	3.1	2.5
	1KA	1.3	3.2	6.2	8.3	5.6	2.5	3.5	4.0	5.4	3.3	3.7	3.0
	1KB	1.6	3.2	6.0	7.1	5.0	2.1	3.1	3.0	4.4	3.1	3.0	3.3
	1KC	1.7	3.8	5.8	7.3	4.5	2.2	3.1	2.4	4.4	2.5	2.6	4.4
	1LA1	1.6	2.1	8.1	9.5	5.6	3.4	5.0	4.0	5.6	2.8	2.2	2.7
	1LA2	2.4	4.1	6.5	8.1	3.9	2.8	3.6	1.7	4.5	1.4	2.5	5.5
	1LA3	1.5	2.8	4.7	5.8	3.2	1.3	1.8	0.7	2.3	0.6	1.6	4.2
	1LB1	1.7	2.2	7.2	8.5	5.0	3.1	4.1	3.0	4.6	2.3	1.9	2.9
	1LB2	1.9	3.2	5.3	6.7	3.6	2.0	2.5	0.9	2.9	0.7	1.8	4.7

Monthly Rainfall by Sub-basin

Year 2021 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.2	4.5	3.7	0.7	0.1	0.2	0.3	0.5	1.4	0.7	0.3
	2AB	0.0	0.1	4.1	2.8	0.5	0.0	0.2	0.3	0.7	0.7	0.5	0.1
	2BA	0.1	1.0	7.9	7.9	4.0	2.4	8.1	6.1	6.0	3.3	1.9	0.9
	2BB	0.0	0.7	6.5	7.0	2.6	1.8	6.5	5.1	4.7	2.3	1.4	0.6
	2BC	0.1	0.8	7.1	7.8	3.4	2.5	5.3	4.5	5.9	3.0	1.5	0.8
	2BD	0.0	0.1	3.3	4.5	0.9	0.4	1.3	0.8	1.6	1.3	0.6	0.2
	2CA	0.0	0.0	2.9	4.0	0.7	0.1	0.3	0.3	0.9	0.8	0.4	0.2
	2CB	0.0	0.4	9.2	9.4	3.2	1.8	7.4	6.5	4.4	1.5	1.3	1.0
	2CC	0.0	0.3	5.1	6.0	1.7	0.8	3.5	2.8	2.7	1.4	0.9	0.6
	2D	0.0	0.5	6.0	6.4	2.4	0.9	3.4	3.5	2.8	1.5	1.1	1.0
	2EA	0.1	0.7	6.4	7.6	4.8	2.4	5.9	5.6	3.3	2.9	1.7	1.2
	2EB	0.1	0.6	8.1	8.1	4.4	2.3	6.1	5.1	3.4	2.5	1.8	1.2
	2EC	0.1	0.9	5.2	7.1	4.7	2.4	5.0	5.5	3.9	2.6	1.2	1.0
	2ED	0.1	0.9	7.2	6.5	4.2	2.9	6.6	6.9	5.1	1.6	0.7	0.9
	2EE	0.0	0.5	10.4	9.6	3.6	2.3	6.8	6.1	5.0	1.4	1.2	1.0
	2EF	0.1	0.9	7.5	6.7	4.4	2.6	5.9	6.5	4.8	1.8	0.8	0.8
	2EG1	0.1	1.0	5.6	6.2	4.4	2.5	5.2	5.6	4.6	2.1	0.9	0.9
	2EG2	0.1	0.7	8.5	8.4	4.4	2.4	5.9	5.7	4.4	2.1	1.3	1.0
	2EH	0.0	0.4	10.7	11.3	3.5	2.2	7.7	6.0	5.1	1.5	1.6	1.0
	2EJ	0.0	0.3	8.7	6.9	3.2	1.3	4.3	3.6	3.0	1.8	1.5	0.7
	2EK	0.0	0.3	9.6	7.3	3.8	2.0	5.3	3.5	2.8	2.2	1.8	0.9
	2FA	0.1	1.1	5.2	5.9	3.9	2.4	4.6	3.9	2.7	2.6	1.4	2.0
	2FB	0.1	1.0	4.7	6.9	4.9	2.5	5.0	5.4	3.3	2.8	1.4	1.0
	2FC	0.1	1.0	5.2	6.2	4.1	2.2	4.4	4.5	3.2	2.2	1.2	1.6
	2GA	0.2	1.1	5.2	6.0	3.9	2.6	4.2	3.3	2.4	2.5	1.6	2.0
	2GB	0.2	1.1	5.7	6.3	4.4	2.8	4.6	3.6	2.5	2.8	1.9	2.2
	2GC	0.7	1.6	6.5	8.0	6.6	3.5	3.8	2.7	2.5	3.1	3.5	4.2
	2GD	0.4	1.4	5.2	7.0	4.7	2.5	3.4	2.3	2.3	2.3	2.5	3.3
	2H-1	0.5	1.0	4.8	9.0	5.1	0.7	1.0	0.8	1.2	1.4	1.9	2.3
	2H-2	0.4	0.4	5.3	10.1	5.1	0.2	0.2	0.5	1.0	1.3	1.4	1.6
	2H-3	0.3	0.3	5.7	8.7	4.7	0.1	0.1	0.3	0.6	1.4	1.4	1.5
	2J	0.0	0.1	3.7	3.1	0.5	0.1	0.8	0.2	0.8	0.9	0.4	0.1
	2KA	0.8	1.9	4.9	5.5	3.8	1.4	2.1	1.4	2.1	0.9	1.4	2.3
	2KB	0.6	1.1	3.9	5.9	3.4	0.4	0.5	0.3	0.8	0.5	1.1	2.0
	2KC	0.5	0.9	4.4	6.6	3.9	0.2	0.3	0.3	1.0	0.5	1.1	2.1
ACA	3AA	0.3	0.3	5.5	12.6	6.0	0.2	0.3	0.6	1.2	1.6	1.7	1.7
	3AB	0.3	0.3	6.3	8.0	4.4	0.1	0.1	0.2	0.8	1.5	1.7	1.7
	3AC	0.3	0.4	7.4	9.2	5.1	0.2	0.2	0.2	0.7	1.9	3.0	2.5
	3BA	0.4	0.4	5.9	13.4	7.0	0.4	0.6	0.7	1.4	2.1	3.1	2.4
	3BB	0.5	0.6	6.0	12.6	7.8	0.6	0.9	0.8	1.5	2.4	3.6	3.3
	3BC	0.7	0.8	5.9	12.7	8.3	1.0	1.5	1.1	1.8	2.9	4.0	4.1
	3BD	0.6	0.8	6.2	11.5	8.0	1.0	1.4	1.0	1.7	2.8	3.9	3.9
	3CB	0.5	0.7	6.8	10.7	7.7	0.9	1.2	0.8	1.4	2.8	3.8	3.8
	3DA	0.3	0.4	9.2	8.4	5.5	0.1	0.1	0.1	0.5	2.2	4.3	3.3
	3DB	0.5	0.4	10.1	7.7	4.4	0.1	0.1	0.2	0.5	2.8	5.0	4.0
	3EA	0.4	0.5	8.9	7.9	4.3	0.1	0.1	0.1	0.5	2.2	3.4	3.2
	3EB	0.6	0.5	10.3	8.2	4.9	0.1	0.1	0.3	0.6	3.1	4.7	4.2
	3EC	0.7	0.4	9.9	8.2	5.1	0.1	0.1	0.3	0.5	3.4	4.8	4.2
	3ED	0.6	0.3	10.1	8.0	4.9	0.2	0.1	0.3	0.5	3.5	5.8	4.5
	3FA	0.4	0.3	6.9	7.8	4.0	0.1	0.1	0.2	0.3	2.2	3.7	3.0
	3FB	0.3	0.3	7.0	7.2	1.9	0.0	0.1	0.2	0.3	1.7	4.3	3.9
	3G	0.8	0.7	7.8	6.1	2.7	0.2	0.1	0.8	0.4	2.5	3.4	4.7
	3HA	0.7	0.1	7.4	5.5	2.5	0.1	0.2	0.8	0.8	3.4	3.0	6.9
	3HB	0.6	0.1	7.8	3.4	2.5	0.6	0.5	1.7	1.0	2.6	2.5	5.6
	3HC	0.8	0.0	7.0	3.0	3.6	1.2	0.9	2.3	1.2	1.8	1.9	3.3
	3HD1	0.4	0.0	7.9	3.3	3.9	1.2	1.1	2.8	1.3	2.5	2.1	3.3
	3HD2	0.8	0.0	7.0	3.1	4.3	1.3	1.0	2.2	1.4	1.8	1.8	2.7
	3J	0.9	0.3	7.3	5.6	3.5	0.2	0.2	1.0	0.5	2.9	2.3	5.0
	3K	1.6	0.1	6.6	2.2	3.5	2.4	1.0	3.9	1.2	5.5	1.9	6.9
	3LA	0.6	0.1	8.2	3.2	2.6	0.7	0.5	1.8	1.0	2.8	2.6	5.8
	3LB	0.4	0.0	8.9	3.0	4.5	1.3	1.1	2.9	1.3	2.5	2.1	3.4
	3MA-1	0.7	0.2	6.3	4.2	2.5	0.3	0.3	0.9	0.8	3.9	2.5	6.2
	3MA-2	1.1	0.1	6.3	2.6	2.6	1.1	0.6	2.3	1.1	4.5	2.2	6.5
	3MB	1.5	0.1	7.7	2.4	3.2	2.0	0.9	3.6	1.2	4.5	2.4	5.7
	3MC	1.6	0.0	6.1	2.2	3.3	2.3	1.0	4.0	1.3	5.5	1.9	6.6
	3MD1	1.3	0.1	8.5	3.1	4.3	2.5	1.2	3.5	1.2	4.2	3.5	5.0
	3MD2	1.4	0.1	7.9	2.7	4.2	3.0	1.3	4.2	1.2	5.3	2.2	6.9
	3N	0.5	0.8	6.6	6.7	3.4	0.1	0.1	0.3	0.3	1.7	3.0	2.5

Monthly Rainfall by Sub-basin

Year 2021 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.6	1.5	9.2	6.3	7.9	0.8	1.0	1.5	1.9	5.4	4.4	2.2
	4AB	0.7	1.6	9.2	5.8	7.2	1.7	1.9	1.9	2.1	4.6	4.2	3.3
	4AC	0.8	1.8	9.3	7.2	7.9	1.9	2.3	2.0	2.1	4.8	4.9	4.7
	4AD	1.0	1.8	9.3	8.5	8.8	2.2	2.7	2.2	2.4	4.7	5.1	5.3
	4BA	0.8	1.1	9.8	9.2	9.8	0.8	1.1	1.3	1.5	4.7	3.8	3.6
	4BB	0.6	1.3	9.2	7.5	9.2	0.6	0.8	1.3	1.5	5.4	4.5	2.3
	4BC	0.6	0.8	9.0	10.0	9.7	0.5	0.6	1.0	1.1	4.5	3.4	2.7
	4BD	1.1	1.5	9.4	10.9	9.9	1.9	2.5	2.0	2.1	4.8	4.9	5.4
	4BE	1.0	1.1	8.8	11.9	9.8	1.3	2.0	1.5	1.7	4.2	4.4	5.0
	4BF	0.5	0.5	8.6	10.6	8.3	0.6	0.6	0.6	0.7	3.2	3.5	3.5
	4BG	0.4	0.4	8.9	10.2	7.4	0.2	0.2	0.2	0.3	3.2	4.1	2.6
	4CA	1.1	1.5	6.7	11.5	9.1	2.3	3.2	2.1	2.6	4.0	5.1	5.8
	4CB	1.0	1.3	7.5	11.8	9.9	1.7	2.6	1.6	2.2	4.0	4.8	5.8
	4CC	0.4	0.3	8.7	9.1	6.8	0.3	0.2	0.2	0.5	2.6	4.3	2.9
	4DA	0.5	0.8	8.6	10.5	8.9	0.4	0.4	0.9	0.8	4.4	4.1	2.4
	4DB	0.4	0.9	8.9	11.9	9.0	0.6	0.5	1.0	0.8	4.6	4.8	2.5
	4DC	0.3	1.0	9.2	12.9	9.2	0.7	0.5	1.1	0.8	4.8	5.5	2.6
	4DD	0.4	0.4	8.2	9.9	7.0	0.3	0.2	0.5	0.3	3.2	4.8	2.2
	4DE	0.5	0.3	8.7	7.9	6.0	0.1	0.0	0.1	0.2	2.4	4.4	2.4
	4EA	0.2	1.5	12.0	14.1	8.1	0.7	0.5	0.8	0.6	6.5	9.4	4.0
	4EB	0.2	1.4	11.1	15.0	8.4	0.8	0.6	0.9	0.6	5.8	9.1	3.6
	4EC	0.3	0.7	9.2	12.5	7.6	0.5	0.5	0.7	0.4	4.3	6.7	2.8
	4ED	0.4	0.2	8.4	7.5	4.3	0.1	0.2	0.2	0.2	2.9	5.9	2.7
	4FA	0.3	1.3	11.7	12.4	7.8	0.5	0.4	0.5	0.7	7.0	9.0	4.0
	4FB	0.3	0.9	9.9	11.4	7.4	0.4	0.4	0.3	0.7	6.7	9.1	4.0
	4GA	0.2	0.6	7.7	9.9	5.9	0.2	0.4	0.2	0.5	5.2	8.7	3.8
	4GB	0.1	0.3	6.5	8.0	4.4	0.1	0.3	0.1	0.3	4.3	7.5	3.0
	4GC	0.1	0.0	4.2	4.0	1.0	0.0	0.1	0.2	0.1	1.1	3.7	1.6
	4GD	0.1	0.1	5.3	4.4	1.8	0.1	0.1	0.3	0.3	1.8	3.8	1.6
	4GE	0.1	0.1	6.4	4.9	1.9	0.1	0.1	0.3	0.3	1.9	4.1	1.8
	4GF	0.1	0.1	6.1	4.2	2.1	0.4	0.2	0.6	0.6	1.8	2.9	1.9
	4GG	0.4	0.0	6.0	2.1	4.5	1.7	0.6	1.8	1.6	2.0	1.3	2.6
	4HA	0.2	0.2	7.8	6.7	2.4	0.0	0.0	0.1	0.2	1.9	5.3	3.1
	4HB	0.2	0.1	6.0	4.6	1.9	0.4	0.2	0.5	0.5	1.5	3.3	2.2
	4HC	0.5	0.1	7.1	4.6	2.3	0.5	0.4	1.2	0.7	2.0	2.9	4.4
	4JA	0.0	0.0	4.3	3.4	2.9	0.6	0.4	0.8	0.6	1.4	1.4	0.9
	4JB	0.1	0.0	5.5	1.9	7.0	2.2	1.1	1.9	1.6	2.2	0.6	1.0
	4KA	0.1	0.0	5.4	2.2	5.8	1.7	0.9	1.5	1.3	1.9	0.8	1.0
	4KB	0.1	0.0	5.5	2.3	5.3	1.6	0.7	1.5	1.3	2.0	0.8	1.4
ENNCA	5AA	0.1	0.4	7.2	5.9	3.7	2.1	5.4	3.9	2.2	2.7	1.8	1.2
	5AB	0.1	0.3	7.6	4.7	3.4	2.3	4.4	2.8	1.9	2.8	1.9	1.2
	5AC	0.0	0.1	7.6	4.2	3.2	1.1	3.3	2.2	1.4	2.4	1.7	0.6
	5AD	0.0	0.1	7.6	3.1	2.7	1.8	2.7	1.8	1.5	2.7	1.7	0.8
	5BA	0.5	1.2	8.8	4.0	5.6	1.9	1.5	1.8	2.2	4.5	4.2	2.0
	5BB	0.4	1.0	8.3	4.0	4.8	2.4	2.1	1.9	2.1	3.7	3.3	2.1
	5BC-1	0.2	0.7	8.1	3.6	3.8	2.1	1.9	1.9	2.2	3.7	2.9	1.5
	5BC-2	0.0	0.1	7.3	3.0	2.6	1.8	2.1	1.7	1.7	3.1	2.0	0.8
	5BD	0.1	0.2	7.7	3.4	2.8	2.4	3.1	2.1	1.9	3.1	1.9	1.1
	5BE	0.3	0.8	8.9	4.9	3.4	1.6	1.1	1.7	1.9	3.8	3.7	2.1
	5CA	0.0	0.1	6.7	4.6	2.4	0.8	2.7	3.1	2.0	1.6	1.1	0.7
	5CB	0.1	0.3	5.5	4.5	2.5	0.5	2.1	2.3	1.4	1.5	1.0	0.9
	5CC	0.0	0.5	4.9	5.1	2.6	0.5	1.6	2.0	1.3	1.8	1.0	1.2
	5DA	0.6	1.1	9.0	6.7	4.4	0.5	0.2	0.7	0.7	4.2	5.0	2.8
	5DB	0.4	0.7	7.6	4.4	2.8	1.0	1.0	1.3	1.3	3.0	2.9	1.9
	5DC	0.0	0.0	7.0	3.6	2.5	0.9	2.4	2.1	1.6	2.3	1.3	0.7
	5DD	0.2	0.3	6.3	4.2	2.7	0.5	2.0	2.1	1.4	2.1	1.6	1.0
	5EA	0.0	0.1	4.2	8.2	2.2	0.1	0.2	0.1	0.2	1.6	1.6	0.6
	5EB	0.0	0.2	5.4	10.5	2.4	0.3	0.2	0.2	0.2	2.7	2.0	0.9
	5EC	0.1	0.3	5.8	10.7	3.0	0.3	0.5	0.5	0.4	3.9	2.2	1.5
	5ED	0.2	0.5	6.2	9.3	4.5	0.2	0.2	0.2	0.4	4.4	5.7	2.9
	5FA	0.0	0.2	4.0	6.6	2.3	0.1	0.2	0.2	0.3	2.4	3.9	1.9
	5FB	0.0	0.1	3.1	6.2	1.6	0.0	0.1	0.1	0.2	1.3	2.0	1.4
	5G	0.0	0.1	5.0	6.6	2.1	0.2	0.1	0.1	0.2	1.2	1.7	0.3
	5HA	0.0	0.0	3.9	6.1	1.3	0.1	0.1	0.0	0.2	0.9	1.8	0.2
	5HB	0.0	0.0	4.1	6.2	1.2	0.2	0.1	0.1	0.2	1.0	1.7	0.2
	5J	0.1	0.3	5.5	8.9	2.1	0.3	0.3	0.6	0.5	3.6	1.4	1.0

Monthly Rainfall by Sub-basin

Year 2022 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.2	1.9	3.4	8.0	12.2	3.9	2.9	5.0	4.5	6.8	8.5	2.8
	1AB	2.0	1.9	3.0	8.6	11.2	3.8	3.3	5.2	3.7	6.3	9.1	2.9
	1AC	2.4	2.2	3.0	8.4	12.7	4.4	3.3	5.8	5.3	7.7	9.9	3.5
	1AD	2.2	2.3	3.3	7.7	13.4	4.5	2.7	5.8	6.3	8.7	9.3	2.9
	1AE	2.3	2.2	3.8	7.2	13.3	4.1	2.6	5.7	6.1	8.5	8.1	2.6
	1AF	2.3	2.4	3.5	7.5	13.3	4.2	3.0	5.4	5.6	8.2	8.8	3.0
	1AG	2.3	2.5	3.5	7.1	13.0	4.0	3.1	5.3	5.1	7.8	8.3	2.8
	1AH	2.0	2.0	3.7	6.6	13.0	3.5	2.7	5.6	5.6	8.1	7.6	2.3
	1BA	0.6	1.0	2.1	13.1	10.2	4.0	3.3	4.7	1.9	6.2	7.9	2.9
	1BB	0.5	0.9	2.0	11.3	9.5	4.5	3.9	6.0	1.7	6.0	7.8	2.4
	1BC	0.5	1.0	1.9	9.6	8.6	4.1	4.2	6.9	2.0	5.7	7.2	2.1
	1BD	1.1	1.4	2.1	10.3	8.6	3.4	3.5	5.6	2.5	5.2	9.2	2.4
	1BE	0.9	1.3	1.9	9.1	7.8	3.4	4.2	6.4	2.0	5.6	8.5	2.0
	1BG	1.4	1.5	2.0	9.5	8.3	3.6	3.9	6.4	2.6	5.6	9.8	2.3
	1BH	1.8	1.6	2.2	9.2	9.3	3.9	3.8	6.3	3.3	5.8	10.1	2.7
	1CA	0.8	1.6	2.1	10.9	8.7	2.6	3.0	4.9	2.9	5.4	9.2	2.5
	1CB	0.8	1.9	2.0	9.4	8.0	2.2	3.0	5.3	3.3	5.5	9.8	2.4
	1CC	0.8	2.4	1.6	8.3	7.4	2.0	3.7	4.9	3.3	6.1	9.0	2.3
	1CD	1.5	2.3	1.6	8.6	8.9	3.9	3.8	7.7	5.7	7.0	11.6	2.9
	1CE	2.3	1.9	1.8	8.8	9.7	4.8	4.1	8.5	5.6	6.7	11.9	3.3
	1DA	2.6	2.6	1.7	8.9	11.7	5.6	4.4	9.4	7.5	9.4	13.3	4.0
	1DB	2.1	2.0	2.5	8.8	11.0	4.2	3.7	6.3	4.4	6.9	10.3	3.2
	1DC	2.5	2.6	2.6	8.3	12.5	4.7	4.0	6.9	5.8	8.6	10.8	3.6
	1DD	2.4	2.7	3.1	7.7	12.9	4.3	3.6	5.9	5.4	8.2	9.6	3.3
	1EA	2.7	3.4	1.2	8.6	10.7	5.6	5.4	10.1	7.9	10.6	13.5	4.1
	1EB	3.1	3.6	1.9	8.2	11.4	5.2	5.7	8.9	6.0	10.0	11.6	4.0
	1EC	2.7	3.2	1.6	8.9	12.3	5.9	4.9	10.0	8.2	11.1	14.1	4.2
	1ED	2.4	2.8	2.8	7.3	12.4	4.4	3.8	6.8	5.6	8.6	9.6	2.8
	1EE	1.8	2.1	3.5	6.0	12.6	3.3	2.6	5.4	5.1	7.3	7.2	1.9
	1EF	1.9	1.9	3.6	5.9	12.6	3.0	2.6	5.4	5.3	7.7	7.0	2.1
	1EG	2.0	2.4	3.0	5.8	11.3	3.4	3.0	5.8	5.2	7.5	7.9	2.1
	1FA	1.0	2.7	1.3	7.9	7.3	2.2	4.6	5.3	3.8	6.5	8.8	2.5
	1FB	1.6	3.0	1.6	7.4	8.7	3.6	4.3	7.0	5.7	8.0	10.4	3.1
	1FC	1.8	3.3	1.6	6.9	8.6	3.4	4.5	6.3	5.3	8.1	9.5	3.1
	1FD	1.8	3.3	1.8	6.6	8.2	2.9	4.4	5.1	4.3	7.4	8.5	2.9
	1FE	2.6	3.6	1.8	7.0	9.0	4.7	4.9	7.6	6.0	9.0	10.9	3.5
	1FF	2.3	3.2	2.3	5.9	8.0	4.5	4.1	5.7	5.1	7.9	9.7	3.1
	1FG	1.9	2.0	3.2	5.1	11.3	2.5	2.7	5.1	5.2	7.8	7.0	2.3
LVSCA	1GA	1.4	2.9	1.7	7.5	6.9	2.7	4.4	6.0	3.4	5.7	8.7	2.9
	1GB	2.4	3.5	2.8	5.7	7.7	2.9	3.1	4.8	3.4	6.7	8.2	3.1
	1GC	0.8	2.6	1.9	8.4	6.5	2.7	4.3	7.7	2.7	4.4	9.5	3.8
	1GD	2.3	3.4	3.4	5.8	7.9	3.5	2.4	4.9	2.9	5.7	8.5	3.2
	1GE	2.0	3.4	3.7	6.9	8.1	3.5	2.9	5.6	3.2	5.8	9.3	3.6
	1GF	1.9	3.5	3.3	6.6	6.0	4.0	2.4	4.4	3.3	6.0	8.9	3.3
	1GG	1.3	2.9	2.2	7.5	7.0	3.0	4.1	6.9	2.9	4.8	9.2	3.3
	1HA1	2.1	3.6	2.4	5.3	5.8	4.4	3.3	4.2	4.2	6.5	9.2	3.0
	1HA2	2.1	3.5	2.9	5.1	5.7	4.1	2.4	3.6	3.5	5.9	8.6	2.8
	1HB1	2.0	2.3	3.0	4.9	9.3	2.9	3.2	4.6	4.5	7.6	7.6	2.5
	1HB2	2.1	3.2	2.5	5.0	6.0	4.6	3.3	4.0	4.5	7.1	9.6	3.1
	1HC	1.9	1.9	3.2	4.8	10.3	2.0	2.0	3.5	4.2	7.9	6.9	2.3
	1HD	2.3	3.4	2.8	7.2	5.8	4.5	2.2	4.6	3.1	7.0	8.9	3.5
	1HE	2.7	3.2	2.9	7.8	6.6	4.1	2.0	4.1	2.6	7.7	9.4	3.3
	1HF	2.6	2.1	3.2	7.6	7.6	2.4	1.3	1.9	2.3	8.0	8.5	2.3
	1HG	2.2	1.8	3.2	7.4	7.9	1.9	1.2	2.1	2.4	7.5	8.2	2.2
	1JA	1.3	2.6	2.8	8.7	7.2	2.7	3.7	7.2	3.4	5.9	10.4	5.3
	1JB	1.8	2.9	3.9	8.4	7.9	2.8	3.8	7.2	4.0	6.7	11.1	5.6
	1JC	1.4	2.9	3.7	8.4	8.9	3.0	4.4	8.0	3.7	6.0	11.2	4.9
	1JD	1.8	3.0	4.1	8.2	7.8	3.0	3.7	7.2	3.8	6.7	10.6	5.2
	1JE	2.7	2.9	2.4	7.5	4.9	3.3	2.7	4.8	4.0	6.6	10.4	5.5
	1JF	1.8	2.7	2.8	7.8	5.9	3.2	3.0	6.3	4.0	6.5	10.5	5.6
	1JG1	1.9	3.2	3.4	7.4	6.0	3.8	2.8	5.9	3.5	6.5	9.3	4.3
	1JG2	2.1	3.6	2.9	6.8	5.1	4.7	2.2	4.3	3.3	6.6	8.9	3.4
	1KA	3.0	3.2	2.9	9.4	6.8	3.7	1.9	4.1	2.4	7.7	9.9	3.3
	1KB	2.7	2.7	2.9	9.3	6.3	2.9	1.7	3.4	2.9	7.0	9.8	3.2
	1KC	3.2	3.2	2.5	9.0	5.5	3.2	2.4	3.8	3.4	6.8	10.3	3.8
	1LA1	1.6	2.4	2.0	8.7	6.2	2.5	2.7	5.4	3.8	6.2	10.9	6.3
	1LA2	3.1	3.6	2.1	6.6	4.8	4.4	2.8	4.1	3.8	7.1	10.4	4.8
	1LA3	2.4	3.1	1.8	6.5	4.4	3.2	1.7	2.2	3.1	5.3	9.1	4.7
	1LB1	1.7	2.4	1.6	7.8	5.1	2.6	2.1	4.3	3.5	6.0	9.8	6.0
	1LB2	2.7	3.3	1.9	6.3	4.4	3.5	2.2	2.8	3.6	6.1	9.2	4.8

Monthly Rainfall by Sub-basin

Year 2022 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.3	0.5	1.0	2.1	2.0	0.4	0.1	0.2	0.4	2.4	4.3	2.2
	2AB	0.2	0.4	1.0	1.3	1.5	0.3	0.1	0.1	0.4	1.5	5.0	2.1
	2BA	0.4	0.9	1.9	10.0	8.6	4.0	3.8	6.7	2.0	5.0	6.8	1.9
	2BB	0.3	0.8	1.7	8.6	7.2	3.1	2.7	5.1	1.3	4.0	5.8	1.5
	2BC	0.5	1.0	1.7	8.4	7.0	2.8	3.2	5.8	1.7	4.1	6.6	1.4
	2BD	0.2	0.7	1.0	2.9	2.9	0.7	0.5	1.0	0.6	2.0	6.2	2.4
	2CA	0.2	0.7	0.9	2.1	2.0	0.4	0.2	0.4	0.4	1.7	6.2	2.6
	2CB	0.7	1.4	2.0	11.8	9.7	2.4	2.9	5.1	2.5	5.9	9.1	3.6
	2CC	0.5	0.8	1.4	6.0	5.1	1.8	1.2	2.6	0.9	3.6	5.9	2.3
	2D	0.7	0.8	1.2	6.1	4.7	1.7	1.0	3.0	0.8	4.2	5.1	2.6
	2EA	0.5	1.0	0.3	5.6	4.6	2.1	2.0	5.4	1.8	3.8	7.2	3.5
	2EB	0.7	1.0	0.5	5.8	5.0	2.5	2.1	5.5	1.7	4.0	7.5	3.5
	2EC	0.3	1.1	0.4	7.4	5.3	1.4	1.9	6.0	1.9	4.1	7.5	4.5
	2ED	0.3	2.1	0.8	8.6	5.0	2.2	4.8	7.3	2.6	3.3	8.4	2.5
	2EE	0.6	1.2	1.2	7.9	7.7	2.7	3.0	6.0	2.4	4.2	8.2	2.9
	2EF	0.2	1.6	0.5	7.5	4.9	2.4	3.7	7.1	2.2	2.9	7.6	3.0
	2EG1	0.3	1.6	0.6	9.4	6.0	1.8	2.8	7.1	1.9	4.5	8.7	4.8
	2EG2	0.5	1.2	0.7	7.0	6.1	2.5	2.6	6.3	2.0	3.7	7.8	3.5
	2EH	0.9	1.2	2.0	10.8	10.0	2.2	2.4	6.1	2.5	5.6	10.4	4.5
	2EJ	0.7	0.5	0.9	6.7	5.2	2.4	1.6	5.6	1.4	4.6	6.7	3.4
	2EK	0.9	0.7	0.8	6.2	5.5	2.6	1.9	5.9	1.5	4.6	7.4	3.4
	2FA	0.3	0.7	0.3	5.8	3.4	1.5	2.0	3.8	2.2	4.3	5.5	3.0
	2FB	0.3	0.9	0.3	6.6	4.9	1.1	1.8	5.5	2.0	4.3	6.9	4.0
	2FC	0.3	0.9	0.3	6.9	4.6	1.3	1.8	5.0	2.0	4.5	6.5	3.7
	2GA	0.4	1.0	0.4	6.0	3.6	1.8	1.9	3.2	1.9	4.9	5.4	2.5
	2GB	0.5	0.9	0.4	6.1	3.9	1.9	2.1	3.3	2.2	4.7	5.8	3.0
	2GC	0.9	1.3	1.1	8.1	6.4	2.7	2.4	2.5	2.6	6.4	6.1	2.5
	2GD	0.6	1.4	0.9	7.1	4.7	2.5	1.8	2.5	1.9	6.1	5.6	2.1
	2H-1	0.3	1.0	1.6	6.6	4.9	1.4	0.9	0.7	1.4	5.3	7.7	4.0
	2H-2	0.1	0.5	1.6	5.9	4.2	0.8	0.5	0.2	1.0	4.4	8.3	4.7
	2H-3	0.0	0.3	1.4	5.2	3.8	0.6	0.4	0.1	0.7	3.6	8.9	4.8
	2J	0.2	0.5	1.0	1.4	1.6	0.4	0.1	0.1	0.3	1.5	5.2	2.4
	2KA	1.1	2.2	1.1	6.6	4.3	1.9	1.1	2.2	2.3	5.2	7.6	4.4
	2KB	0.7	1.9	1.4	5.9	4.1	1.7	0.6	0.6	1.7	4.6	7.6	4.3
	2KC	0.6	1.6	1.4	5.6	4.1	1.6	0.5	0.2	1.4	4.1	8.0	4.6
ACA	3AA	0.0	0.4	1.9	6.3	4.7	0.8	0.6	0.2	1.0	4.8	8.3	4.8
	3AB	0.1	0.2	1.5	5.2	3.2	0.5	0.4	0.1	0.7	3.5	8.9	4.8
	3AC	0.1	0.2	2.5	6.7	2.8	0.4	0.5	0.2	0.6	6.2	8.3	4.4
	3BA	0.2	0.5	2.5	7.6	5.1	0.9	0.9	0.4	1.2	6.7	8.2	4.5
	3BB	0.3	0.5	2.7	8.3	5.5	1.1	1.2	0.7	1.4	7.7	8.3	4.2
	3BC	0.5	0.6	2.8	9.2	6.7	1.5	1.6	1.1	2.0	8.3	8.5	4.2
	3BD	0.5	0.6	2.8	8.8	6.0	1.4	1.5	1.1	1.8	8.3	8.3	3.9
	3CB	0.4	0.5	3.0	8.5	5.1	1.1	1.4	0.9	1.5	8.6	8.1	3.8
	3DA	0.1	0.2	2.6	8.2	2.0	0.3	0.4	0.1	0.5	7.2	8.9	4.9
	3DB	0.2	0.1	2.3	12.9	4.2	2.7	1.7	0.6	1.1	6.4	11.2	5.3
	3EA	0.2	0.2	2.5	7.1	2.8	0.2	0.4	0.1	0.7	5.5	9.8	4.8
	3EB	0.2	0.1	2.0	9.5	3.9	0.4	0.6	0.2	1.1	6.0	12.0	5.3
	3EC	0.2	0.1	1.7	9.4	4.4	0.3	0.7	0.2	1.2	5.7	12.9	5.3
	3ED	0.2	0.1	1.3	11.5	4.7	0.9	1.0	0.4	1.4	5.9	12.8	5.4
	3FA	0.1	0.1	1.2	6.9	3.5	0.2	0.8	0.1	0.6	4.5	11.8	5.3
	3FB	0.1	0.1	1.1	5.8	3.7	0.3	2.0	0.2	0.8	4.3	10.8	4.7
	3G	0.2	0.4	1.4	4.7	3.1	0.7	1.0	0.3	1.2	3.7	8.4	2.4
	3HA	0.3	0.0	3.0	3.2	3.3	0.9	0.7	0.5	2.7	4.9	8.0	2.4
	3HB	0.2	0.0	2.0	4.5	7.1	2.7	1.9	0.7	2.7	5.1	6.0	2.7
	3HC	0.1	0.0	1.6	5.7	12.0	4.5	3.2	0.7	2.2	6.7	5.2	3.8
	3HD1	0.2	0.0	1.8	6.1	14.5	6.0	4.2	0.9	2.6	7.5	5.0	4.7
	3HD2	0.2	0.0	1.8	5.7	14.0	4.9	3.6	0.7	2.1	7.2	5.2	4.1
	3J	0.1	0.8	2.0	3.2	2.9	0.9	0.7	0.3	1.5	3.8	7.3	2.0
	3K	0.2	0.0	1.6	5.5	16.4	3.0	4.0	1.1	3.6	5.4	3.7	2.6
	3LA	0.2	0.0	2.0	4.5	7.4	2.3	2.1	0.7	2.7	4.7	5.9	2.4
	3LB	0.2	0.0	1.8	6.2	15.0	5.4	4.3	0.9	2.5	7.1	4.1	4.3
	3MA-1	0.2	0.1	2.9	2.7	3.5	0.8	1.3	0.5	3.0	4.8	8.3	2.4
	3MA-2	0.2	0.0	2.1	4.0	9.1	1.7	2.6	0.8	3.4	4.7	6.3	2.3
	3MB	0.2	0.0	1.4	5.6	14.9	3.0	3.6	1.0	3.3	4.9	3.4	2.3
	3MC	0.2	0.0	1.5	5.3	16.1	2.9	4.1	1.1	3.4	5.2	3.5	2.4
	3MD1	0.2	0.0	1.6	7.6	19.6	3.7	4.7	1.5	3.6	5.9	2.8	2.8
	3MD2	0.2	0.0	1.8	7.2	20.8	3.7	4.5	1.3	3.9	6.3	2.8	3.4
	3N	0.0	0.2	1.1	5.5	3.0	0.3	0.6	0.1	0.5	3.7	10.4	4.2

Monthly Rainfall by Sub-basin

Year 2022 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.1	1.1	1.8	7.6	11.8	1.0	1.2	0.7	1.9	9.1	6.8	2.0
	4AB	1.2	1.3	1.5	7.3	10.1	1.4	1.7	1.2	2.0	7.5	5.3	2.0
	4AC	1.3	1.4	1.8	8.4	10.7	1.8	2.0	1.6	2.3	8.1	5.3	2.1
	4AD	1.3	1.3	1.9	9.6	11.1	2.2	2.3	1.8	2.7	8.8	6.1	2.5
	4BA	0.8	0.9	2.3	9.1	11.4	1.2	1.4	0.7	1.9	10.6	5.5	2.2
	4BB	0.9	0.9	2.2	8.1	12.6	1.1	1.3	0.6	1.9	10.2	6.9	2.0
	4BC	0.5	0.6	2.9	8.9	10.3	1.0	1.0	0.4	1.6	11.3	5.8	2.0
	4BD	1.1	1.1	2.5	10.8	11.6	2.1	2.3	1.7	2.7	10.4	6.2	2.9
	4BE	0.8	0.7	3.1	10.6	9.0	1.7	1.9	1.3	2.3	11.2	6.5	2.9
	4BF	0.2	0.3	3.1	8.5	4.1	0.7	1.0	0.4	1.1	10.1	6.4	2.8
	4BG	0.1	0.2	2.9	7.9	3.0	0.3	0.4	0.1	0.6	10.3	6.3	2.6
	4CA	1.1	1.1	2.7	11.1	9.1	2.6	2.7	2.2	3.0	9.6	8.2	3.6
	4CB	1.0	0.8	3.1	11.2	8.8	2.1	2.4	1.8	2.7	10.2	8.2	3.7
	4CC	0.1	0.2	2.8	7.9	2.5	0.3	0.5	0.2	0.5	8.5	7.4	3.5
	4DA	0.4	0.4	3.4	9.0	8.6	0.8	0.8	0.4	1.5	11.9	6.0	2.0
	4DB	0.5	0.5	3.9	10.9	9.0	0.9	0.7	0.5	1.8	13.3	6.2	2.8
	4DC	0.5	0.5	4.1	12.3	9.3	0.9	0.7	0.6	2.1	14.3	6.4	3.4
	4DD	0.1	0.1	3.9	9.5	5.2	0.4	0.3	0.3	1.0	9.9	5.2	1.8
	4DE	0.1	0.1	3.0	8.6	2.7	0.5	0.3	0.1	0.4	7.3	6.4	2.8
	4EA	0.8	0.7	2.9	15.2	8.2	0.6	0.4	0.4	1.9	16.9	9.5	7.0
	4EB	0.6	0.6	3.2	16.0	9.3	0.7	0.6	0.5	2.4	16.7	7.9	5.9
	4EC	0.3	0.2	3.6	13.0	7.4	0.6	0.4	0.5	1.9	13.6	6.3	3.5
	4ED	0.1	0.1	2.8	11.7	4.8	2.4	1.5	0.5	0.7	8.7	6.6	2.8
	4FA	1.0	0.5	3.0	13.2	7.1	0.5	0.3	0.2	1.4	16.2	10.6	7.1
	4FB	0.9	0.2	2.8	12.0	6.2	0.4	0.3	0.1	1.2	14.8	10.3	6.3
	4GA	0.7	0.1	2.4	10.0	4.3	0.3	0.2	0.1	0.9	11.1	8.0	5.0
	4GB	0.5	0.0	1.6	8.4	3.4	0.3	0.3	0.1	1.0	9.8	6.8	4.2
	4GC	0.0	0.0	0.9	4.2	1.4	0.1	0.2	0.0	1.0	5.7	3.0	2.7
	4GD	0.1	0.0	1.1	5.8	2.7	0.9	0.9	0.2	1.0	6.3	4.0	2.6
	4GE	0.0	0.1	1.4	7.9	3.5	2.4	1.6	0.6	0.8	6.1	4.9	2.8
	4GF	0.1	0.0	1.0	5.9	4.6	2.0	1.4	0.5	0.9	4.5	5.4	3.3
	4GG	0.4	0.0	1.2	4.8	12.2	3.0	2.5	0.7	1.8	5.3	5.2	3.1
	4HA	0.1	0.0	1.5	10.1	3.5	2.6	2.0	0.6	0.8	5.0	9.5	4.8
	4HB	0.1	0.0	0.6	4.7	4.2	0.8	1.2	0.4	0.9	4.2	6.9	4.1
	4HC	0.2	0.0	1.6	4.7	6.0	2.0	1.8	0.5	1.8	5.0	7.0	3.4
	4JA	0.0	0.0	0.9	3.6	5.5	1.2	0.8	0.1	1.1	4.8	2.6	1.6
	4JB	0.2	0.0	0.8	4.2	15.7	3.9	2.8	0.5	1.5	4.4	2.7	2.1
	4KA	0.1	0.0	0.8	4.0	12.3	3.0	2.1	0.4	1.4	4.5	2.7	1.9
	4KB	0.2	0.0	0.9	3.9	11.7	2.6	2.1	0.4	1.4	4.2	3.3	2.2
ENNCA	5AA	0.8	0.8	0.4	5.5	3.5	2.2	1.8	4.8	1.6	4.3	6.5	3.3
	5AB	0.9	0.6	0.5	5.6	3.2	1.8	1.6	4.2	1.5	4.5	5.5	3.1
	5AC	0.8	0.4	0.4	5.2	2.9	1.8	0.9	4.2	0.8	4.5	3.8	2.6
	5AD	0.8	0.4	0.5	5.3	2.6	1.2	0.9	2.7	0.9	4.7	4.0	2.5
	5BA	1.2	1.1	1.2	6.3	8.7	1.1	1.3	1.2	1.7	6.4	5.3	1.6
	5BB	1.1	1.1	1.1	6.3	7.5	1.4	1.5	2.0	1.8	5.9	5.1	1.8
	5BC-1	1.0	0.9	1.0	6.1	5.4	0.9	0.9	1.5	1.2	5.9	4.9	2.1
	5BC-2	0.7	0.6	0.7	5.5	2.4	0.7	0.4	1.2	0.6	5.6	4.2	2.7
	5BD	0.9	0.6	0.6	5.6	3.2	1.3	1.2	2.7	1.2	4.8	4.7	2.5
	5BE	0.8	1.0	1.5	6.9	4.3	0.5	0.4	0.3	0.9	7.4	5.8	3.5
	5CA	0.4	0.4	0.5	4.2	2.5	1.2	0.7	3.6	0.5	3.4	3.4	2.1
	5CB	0.5	0.5	0.9	3.8	2.2	0.6	0.3	1.3	0.3	3.6	3.0	2.2
	5CC	0.7	0.7	0.8	4.2	2.5	0.7	0.3	1.4	0.3	4.0	3.2	2.3
	5DA	0.7	1.1	3.7	7.7	3.4	0.7	0.1	0.1	0.7	10.0	7.5	5.5
	5DB	0.6	0.9	2.3	5.9	2.4	0.5	0.2	0.2	0.5	6.8	5.2	3.8
	5DC	0.5	0.3	0.4	4.8	2.5	0.8	0.4	2.1	0.5	4.7	3.5	2.4
	5DD	0.4	0.3	1.6	4.4	2.2	0.6	0.3	0.9	0.4	4.8	3.8	2.7
	5EA	0.0	0.0	0.8	4.0	3.7	0.2	0.1	0.0	1.3	5.7	3.3	0.7
	5EB	0.1	0.1	0.8	7.3	6.5	0.3	0.3	0.0	1.6	6.4	3.7	1.5
	5EC	0.3	0.3	1.3	9.8	5.5	0.4	0.2	0.3	0.6	7.2	4.4	3.1
	5ED	0.6	0.2	2.8	8.7	3.5	0.4	0.1	0.1	0.6	8.9	6.7	4.1
	5FA	0.3	0.0	1.4	5.1	2.0	0.2	0.1	0.0	0.8	6.2	4.3	2.5
	5FB	0.1	0.0	1.0	3.2	1.1	0.1	0.1	0.0	0.8	5.2	3.3	1.2
	5G	0.0	0.0	0.5	2.9	3.8	0.1	0.1	0.0	1.5	5.3	2.3	0.4
	5HA	0.0	0.0	0.4	2.3	1.8	0.1	0.0	0.0	1.0	4.7	2.0	0.4
	5HB	0.0	0.0	0.5	2.9	3.4	0.2	0.1	0.0	1.2	4.4	1.6	0.4
	5J	0.4	0.4	0.6	7.7	5.4	0.5	0.2	0.3	0.8	5.1	3.9	2.5

Monthly Rainfall by Sub-basin

Year 2023 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.3	2.4	2.8	6.9	8.9	3.7	3.9	5.4	7.5	7.0	3.8	2.0
	1AB	1.1	2.6	2.6	5.7	8.5	4.0	3.9	5.7	8.0	6.7	3.9	1.8
	1AC	1.4	2.8	3.1	6.6	8.7	3.7	4.8	6.7	8.1	7.2	4.2	1.9
	1AD	1.7	2.6	3.0	8.5	10.0	3.4	4.2	6.0	7.6	7.9	4.4	2.3
	1AE	2.1	2.5	2.9	9.0	10.2	3.5	2.8	4.6	6.7	7.4	4.1	2.3
	1AF	1.5	2.6	3.1	8.3	9.6	3.3	4.2	5.7	7.2	7.6	4.3	2.4
	1AG	1.3	2.4	3.1	8.7	9.4	3.1	4.2	5.4	7.1	7.8	4.3	2.5
	1AH	1.6	2.1	3.2	9.1	9.3	3.1	3.1	4.4	6.4	8.0	4.1	2.3
	1BA	0.4	2.9	0.5	4.7	4.8	4.1	2.7	7.7	4.5	5.8	4.6	2.5
	1BB	0.6	3.2	0.7	4.5	6.1	4.4	2.6	7.0	6.3	6.5	4.5	1.6
	1BC	0.6	3.0	0.8	4.8	7.1	4.7	3.1	6.6	6.5	7.4	3.9	1.4
	1BD	0.7	2.6	1.5	5.1	6.5	4.6	3.5	7.4	6.3	6.5	4.0	1.5
	1BE	0.7	2.7	1.3	4.8	7.8	4.5	3.5	5.8	7.1	7.4	4.0	1.3
	1BG	0.8	2.5	1.7	4.9	8.1	4.6	3.6	5.9	8.5	7.2	4.0	1.3
	1BH	1.0	2.5	2.2	5.3	8.2	4.4	4.0	6.2	8.8	7.2	3.9	1.4
	1CA	0.5	2.3	1.3	5.7	5.5	4.6	4.0	8.6	4.3	6.1	3.8	2.3
	1CB	0.6	2.2	1.5	6.0	5.8	4.7	4.6	8.8	4.1	6.4	3.4	2.4
	1CC	0.7	2.5	1.5	6.0	5.8	4.6	4.5	8.0	4.3	7.2	3.7	3.6
	1CD	1.3	2.8	2.6	7.1	7.1	5.0	5.1	9.8	6.5	7.7	4.4	2.1
	1CE	1.6	2.7	2.9	6.7	7.8	4.8	5.5	8.7	8.5	8.0	4.0	1.3
	1DA	2.0	3.2	3.2	7.8	8.8	4.4	6.1	9.1	9.4	8.8	4.9	1.7
	1DB	1.2	2.7	2.7	6.0	8.4	4.1	4.6	6.6	8.6	7.3	4.1	1.7
	1DC	1.5	2.9	3.1	7.7	8.8	3.7	5.3	7.4	8.4	7.9	4.6	2.1
	1DD	1.3	2.7	3.1	8.2	9.0	3.4	5.0	6.5	7.7	7.9	4.5	2.4
	1EA	2.2	3.5	3.2	9.0	8.5	4.7	5.8	9.4	9.1	8.9	5.6	2.3
	1EB	2.0	3.1	3.1	9.6	8.6	4.1	5.4	8.0	8.5	8.2	5.2	2.6
	1EC	2.1	3.4	3.2	9.1	9.4	4.1	6.2	9.3	9.7	9.3	5.6	2.1
	1ED	1.3	2.4	3.1	9.8	9.1	3.2	5.1	6.5	7.9	9.0	4.7	2.5
	1EE	0.9	1.7	3.3	10.0	8.9	2.6	4.2	4.6	6.7	9.4	4.4	2.4
	1EF	1.2	1.9	3.5	9.1	8.2	2.7	3.4	4.2	6.1	8.7	4.3	2.2
	1EG	0.9	1.8	3.3	10.3	7.8	2.7	4.2	4.8	6.3	9.4	4.9	2.5
	1FA	0.8	2.9	1.6	6.2	5.9	4.6	4.3	7.2	5.2	8.1	4.2	4.6
	1FB	1.4	3.2	2.9	7.5	7.0	5.1	4.7	9.0	6.3	8.1	5.0	3.3
	1FC	1.5	3.3	2.9	7.5	6.8	5.2	4.4	8.0	6.3	8.2	5.2	4.1
	1FD	1.4	3.2	2.7	7.3	6.4	5.2	3.8	7.4	5.7	8.7	5.5	5.1
	1FE	1.8	3.0	3.0	9.2	7.1	4.5	4.4	7.1	6.8	7.7	5.4	2.9
	1FF	1.3	2.4	2.8	9.4	6.1	3.7	3.3	5.3	5.0	7.2	5.5	2.8
	1FG	1.1	1.9	3.7	8.7	5.9	2.7	2.9	3.7	4.9	8.4	5.0	2.1
LVSCA	1GA	1.5	2.9	1.9	7.3	5.1	4.5	3.8	6.3	5.4	7.8	4.7	4.0
	1GB	2.3	2.9	2.9	8.1	5.4	5.2	3.4	6.6	5.1	7.6	5.0	3.9
	1GC	1.6	2.4	1.6	7.3	3.7	4.9	3.9	6.0	5.1	6.3	3.5	3.1
	1GD	2.6	2.6	2.8	8.7	4.6	5.5	3.4	6.3	4.6	6.6	4.6	3.0
	1GE	2.5	2.7	2.7	8.3	4.7	6.4	3.9	7.0	5.0	6.6	4.3	2.9
	1GF	2.2	2.9	2.8	7.9	4.2	5.0	2.9	6.7	3.8	6.3	4.4	2.9
	1GG	1.8	2.6	2.0	8.0	4.4	5.0	3.9	5.7	5.3	6.9	4.4	3.2
	1HA1	1.6	2.6	2.5	8.3	4.7	4.4	2.5	5.5	3.4	6.0	5.1	3.1
	1HA2	2.0	2.6	2.6	8.0	4.2	4.4	2.4	5.9	3.0	6.0	4.6	3.0
	1HB1	0.9	1.9	3.3	8.6	5.0	2.8	2.6	3.6	4.3	7.6	5.3	2.3
	1HB2	1.3	2.3	2.4	8.8	4.6	3.6	2.0	4.4	3.0	6.2	5.9	2.8
	1HC	0.9	1.8	3.8	7.8	4.6	2.4	2.4	2.9	4.6	7.5	5.1	2.0
	1HD	2.4	3.3	3.8	7.9	4.0	3.2	3.0	5.3	4.5	7.6	5.5	2.7
	1HE	2.3	2.8	4.4	7.4	4.4	2.5	2.9	4.1	5.1	7.7	6.4	2.8
	1HF	1.5	1.6	4.0	6.7	4.4	1.8	2.0	2.1	5.6	5.6	5.8	3.3
	1HG	1.4	1.5	3.9	6.8	4.5	1.9	1.8	1.9	5.0	5.5	5.5	3.3
	1JA	1.8	2.6	2.2	7.8	3.8	6.1	4.1	5.9	6.2	6.0	4.0	3.2
	1JB	2.2	2.9	2.7	8.8	4.6	7.5	4.5	6.1	7.3	6.6	4.7	3.1
	1JC	2.1	2.6	2.4	8.6	5.0	7.9	4.9	6.5	7.0	6.7	4.6	2.9
	1JD	2.3	3.0	2.7	8.8	4.7	7.4	4.6	7.0	6.9	6.8	4.7	2.8
	1JE	2.2	3.5	3.5	7.8	2.5	3.5	2.8	3.9	5.4	6.1	4.2	3.5
	1JF	2.0	3.3	2.7	8.2	3.1	4.9	3.6	5.3	6.1	6.1	4.0	3.2
	1JG1	2.4	3.4	3.1	8.4	3.8	5.0	3.7	6.6	5.6	7.1	4.5	2.8
	1JG2	2.3	3.2	3.4	7.9	4.0	3.6	2.8	5.9	3.5	7.2	5.2	2.8
	1KA	2.7	2.7	5.0	7.3	4.5	2.2	3.1	3.7	5.6	7.9	6.8	3.2
	1KB	2.6	2.2	4.5	7.4	4.1	2.2	2.4	2.9	4.9	6.4	5.8	3.6
	1KC	3.0	2.6	4.7	7.6	3.3	2.4	2.4	2.9	4.7	6.2	5.3	3.5
	1LA1	1.5	2.7	2.5	6.9	2.8	4.8	3.1	4.8	5.6	5.5	3.7	3.7
	1LA2	2.6	3.2	4.2	7.5	2.5	2.7	2.4	3.1	5.0	6.0	4.3	3.5
	1LA3	1.7	3.5	3.0	6.5	2.2	2.2	1.5	2.0	3.2	4.1	2.9	3.6
	1LB1	1.4	2.8	2.4	6.4	2.3	3.6	2.4	4.0	4.7	4.7	3.3	3.8
	1LB2	1.9	3.1	3.0	6.6	2.2	2.5	1.8	2.6	4.0	4.5	3.1	3.6

Monthly Rainfall by Sub-basin

Year 2023 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.6	1.8	0.2	1.9	0.4	0.4	0.4	1.7	0.8	0.4	1.4	0.4
	2AB	0.5	1.4	0.2	1.0	0.2	0.3	0.2	1.8	0.9	0.2	0.7	0.3
	2BA	0.5	3.0	0.5	4.7	6.6	4.8	2.7	6.9	5.6	6.1	3.4	1.3
	2BB	0.3	2.3	0.3	4.6	5.3	4.1	2.4	6.5	4.8	5.4	2.9	1.1
	2BC	0.4	2.4	0.6	4.8	5.7	4.1	2.5	6.1	4.4	5.1	2.5	1.0
	2BD	0.6	1.1	0.1	1.6	1.3	1.4	0.6	3.0	1.5	1.1	0.5	0.4
	2CA	0.6	1.0	0.1	1.0	0.5	0.7	0.3	2.2	1.0	0.4	0.4	0.4
	2CB	0.4	2.6	0.4	4.9	4.8	4.3	4.5	7.4	3.9	5.6	3.8	3.4
	2CC	0.6	1.8	0.2	3.4	2.7	2.2	1.6	4.3	2.6	2.5	2.6	1.1
	2D	0.5	1.9	0.2	4.3	3.0	2.3	2.7	5.1	2.4	2.4	3.2	2.6
	2EA	0.6	2.9	0.4	3.7	2.9	3.5	5.0	6.1	3.8	3.7	2.9	3.1
	2EB	0.5	3.0	0.4	3.8	3.1	3.8	5.8	6.3	3.4	3.8	2.8	3.2
	2EC	0.7	2.3	0.5	4.3	2.7	3.2	3.4	6.7	4.6	3.6	3.1	2.9
	2ED	0.9	2.5	0.8	5.3	3.2	3.3	4.3	6.0	4.3	5.8	2.3	3.2
	2EE	0.5	2.3	0.5	4.2	3.6	3.3	5.7	6.4	3.2	5.0	2.5	3.3
	2EF	0.9	2.3	0.6	4.8	2.6	2.8	4.3	6.3	3.8	4.7	2.2	2.7
	2EG1	0.8	2.0	0.8	5.2	2.4	3.4	3.5	6.6	5.0	4.3	3.0	3.1
	2EG2	0.6	2.4	0.5	4.2	3.0	3.1	5.0	6.6	3.6	4.4	2.7	3.1
	2EH	0.3	2.8	0.4	4.8	5.1	4.5	5.3	7.8	3.7	5.7	3.6	4.0
	2EJ	0.2	2.1	0.3	4.1	2.8	3.2	3.7	6.7	2.2	3.2	1.8	4.0
	2EK	0.3	2.8	0.3	4.0	2.8	3.6	5.6	6.5	2.8	3.6	2.3	3.8
	2FA	0.4	2.0	0.5	3.7	2.4	3.5	2.4	3.2	3.8	3.4	2.7	3.4
	2FB	0.7	2.6	0.5	3.9	2.8	3.2	3.0	5.8	4.6	3.5	3.3	3.0
	2FC	0.5	2.1	0.6	3.9	2.2	3.3	2.6	4.7	4.7	3.2	2.9	3.2
	2GA	0.5	2.2	0.7	3.8	2.8	3.2	2.3	2.7	3.0	3.7	2.7	3.5
	2GB	0.5	2.2	0.8	4.0	3.0	3.6	2.9	3.1	3.2	4.6	3.0	3.7
	2GC	0.6	2.4	2.0	4.7	4.9	3.4	2.3	2.7	2.4	7.0	3.9	4.6
	2GD	0.5	2.5	1.3	4.2	3.9	3.1	2.0	2.2	2.2	4.7	3.0	4.0
	2H-1	0.4	4.9	1.6	5.9	2.4	1.4	0.9	1.2	0.6	2.7	1.7	4.8
	2H-2	0.3	6.1	1.6	6.6	1.1	0.7	0.6	0.8	0.2	1.8	1.0	5.1
	2H-3	0.2	6.2	1.2	6.0	0.9	0.4	0.4	0.4	0.1	0.8	0.7	5.2
	2J	0.5	1.3	0.1	0.9	0.3	0.4	0.2	1.9	1.1	0.2	0.6	0.3
	2KA	0.9	2.6	1.4	5.0	2.3	2.6	1.6	2.6	2.9	3.2	2.4	3.5
	2KB	0.6	4.4	1.5	5.5	2.1	1.5	0.8	1.2	1.0	2.4	1.5	3.9
	2KC	0.5	5.3	1.6	6.2	1.6	1.1	0.7	1.0	0.5	2.1	1.2	4.6
ACA	3AA	0.3	6.4	1.8	6.7	1.0	0.7	0.5	0.8	0.1	2.1	1.1	5.5
	3AB	0.3	6.0	1.1	6.1	0.8	0.4	0.5	0.4	0.1	0.8	1.0	5.5
	3AC	0.3	4.7	1.7	6.9	0.8	0.6	0.4	0.5	0.1	2.4	2.6	6.7
	3BA	0.3	5.8	2.3	7.3	1.7	1.1	0.6	1.1	0.2	3.6	2.1	6.3
	3BB	0.3	5.1	2.6	7.7	2.5	1.7	0.7	1.4	0.3	4.7	2.6	6.7
	3BC	0.4	5.0	2.9	7.4	3.9	2.3	1.0	1.7	0.5	5.6	3.2	6.5
	3BD	0.4	4.7	2.9	7.6	3.6	2.2	0.9	1.6	0.5	5.6	3.3	6.6
	3CB	0.3	4.6	3.0	7.8	3.2	1.9	0.8	1.3	0.4	5.4	3.5	6.5
	3DA	0.3	3.8	1.4	7.0	1.0	0.3	0.5	0.2	0.1	1.7	3.7	7.6
	3DB	1.0	3.4	1.4	5.8	1.6	0.1	0.5	0.2	0.5	0.5	3.6	9.0
	3EA	0.3	4.2	1.0	5.8	0.8	0.2	0.3	0.2	0.2	0.7	2.9	7.6
	3EB	0.3	4.2	1.6	6.1	1.4	0.1	0.4	0.3	0.4	0.4	3.6	9.1
	3EC	0.2	4.7	1.8	6.2	1.5	0.2	0.3	0.3	0.5	0.3	3.2	8.9
	3ED	0.4	3.9	1.9	5.9	1.7	0.1	0.4	0.3	0.6	0.3	3.5	9.3
	3FA	0.2	4.5	1.3	4.6	1.0	0.1	0.2	0.1	0.2	0.2	1.6	6.1
	3FB	0.3	2.2	1.8	1.6	0.7	0.1	0.1	0.0	0.3	0.1	1.7	4.8
	3G	0.2	2.5	1.5	2.0	1.4	0.2	0.2	0.0	0.4	0.2	1.4	4.4
	3HA	0.1	2.3	2.5	2.4	2.9	0.4	0.6	0.0	0.2	0.3	1.9	2.8
	3HB	0.2	1.5	1.5	2.2	6.6	2.5	1.7	0.4	1.1	0.5	1.8	1.8
	3HC	0.5	0.9	0.4	3.1	10.0	5.3	3.0	0.8	1.7	1.2	1.7	0.7
	3HD1	0.6	0.9	0.5	3.5	13.1	6.4	3.1	0.9	1.8	0.9	1.3	0.6
	3HD2	0.4	0.8	0.4	3.7	11.2	6.0	3.3	0.9	1.7	1.3	1.5	0.6
	3J	0.3	1.7	1.5	2.3	1.6	0.3	0.3	0.0	0.2	0.2	1.5	4.0
	3K	0.3	1.1	1.1	2.6	10.5	3.8	3.2	0.7	2.1	0.5	2.1	1.2
	3LA	0.2	1.4	1.7	2.3	7.0	2.2	1.7	0.4	1.2	0.4	1.7	1.9
	3LB	0.3	0.8	0.6	3.4	13.8	5.8	3.1	0.9	2.0	0.8	1.0	0.6
	3MA-1	0.1	1.8	2.5	3.3	3.0	0.6	0.7	0.1	0.3	0.2	2.0	2.9
	3MA-2	0.3	1.4	2.0	2.8	6.4	2.2	2.1	0.4	1.3	0.3	2.1	2.1
	3MB	0.3	1.0	0.8	2.4	11.0	3.5	3.1	0.8	2.1	0.6	1.7	1.1
	3MC	0.4	1.1	1.0	2.5	10.1	3.9	3.4	0.7	2.2	0.5	2.1	1.1
	3MD1	0.1	0.8	1.2	3.5	15.2	5.0	3.8	0.9	2.2	0.9	1.3	0.9
	3MD2	0.1	1.1	0.9	2.8	13.8	4.6	3.5	0.9	2.3	0.8	2.0	1.2
	3N	0.2	4.6	0.9	4.1	0.8	0.2	0.2	0.1	0.2	0.2	0.9	5.4

Monthly Rainfall by Sub-basin

Year 2023 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.8	2.3	0.6	10.5	10.4	1.7	0.8	0.8	0.6	3.1	3.2	5.1
	4AB	0.6	2.5	1.2	7.6	8.5	2.3	1.2	1.4	1.0	4.5	3.1	5.3
	4AC	0.6	2.8	1.6	7.8	8.7	2.7	1.4	1.5	1.1	5.2	3.5	5.5
	4AD	0.7	2.9	2.1	8.3	9.1	3.1	1.6	1.8	1.3	6.1	4.1	5.5
	4BA	0.7	2.0	0.8	11.7	9.2	1.8	0.8	0.5	0.7	3.4	3.4	5.0
	4BB	0.8	2.1	0.5	12.2	10.9	1.6	0.8	0.4	0.8	3.0	3.3	4.9
	4BC	0.6	1.6	0.4	12.5	8.0	1.4	0.7	0.3	0.9	3.0	3.3	4.7
	4BD	0.6	2.9	2.2	9.9	8.6	3.0	1.5	1.6	1.1	6.0	4.5	5.5
	4BE	0.5	3.0	2.3	10.4	6.9	2.6	1.1	1.2	0.9	5.5	4.4	5.7
	4BF	0.3	3.1	2.0	10.6	3.4	1.3	0.6	0.5	0.4	4.1	3.6	5.7
	4BG	0.2	2.3	1.1	10.3	2.0	0.7	0.5	0.2	0.3	2.7	3.3	5.2
	4CA	0.6	4.0	3.4	6.8	7.2	3.7	1.8	2.4	1.3	7.7	4.8	6.1
	4CB	0.5	4.2	3.4	8.8	6.8	3.3	1.4	1.9	0.8	7.2	4.7	6.4
	4CC	0.2	3.4	1.8	8.8	1.5	0.6	0.6	0.3	0.2	2.8	3.5	6.2
	4DA	0.5	1.6	0.6	12.2	6.3	1.2	0.6	0.3	1.0	3.2	3.8	5.0
	4DB	0.4	1.7	0.6	12.7	6.2	1.1	0.6	0.5	1.3	4.0	4.6	6.0
	4DC	0.4	1.8	0.6	13.1	6.3	1.1	0.7	0.5	1.4	4.6	5.1	6.5
	4DD	0.2	1.5	1.4	12.3	2.7	0.6	0.4	0.2	0.9	2.7	3.3	4.5
	4DE	0.3	2.2	1.5	10.0	1.3	0.3	0.4	0.1	0.2	1.5	2.7	5.2
	4EA	0.6	2.1	0.4	13.3	5.7	0.4	0.4	0.7	0.6	4.8	7.6	8.9
	4EB	0.4	2.1	0.4	13.8	5.7	0.6	0.5	0.6	0.9	5.5	7.3	8.7
	4EC	0.2	1.6	1.0	13.1	3.9	0.6	0.4	0.3	1.1	4.3	5.4	6.2
	4ED	0.9	1.4	1.3	9.6	1.9	0.2	0.3	0.1	0.4	1.9	3.8	5.1
	4FA	0.8	1.9	0.4	12.7	5.6	0.2	0.4	0.7	0.5	3.8	7.1	7.8
	4FB	0.8	1.4	0.4	11.8	4.8	0.1	0.3	0.3	0.4	3.7	6.3	6.3
	4GA	0.8	1.0	0.2	8.3	3.9	0.1	0.2	0.2	0.3	3.2	4.6	5.4
	4GB	0.7	0.6	0.2	6.8	2.5	0.1	0.1	0.1	0.3	2.6	3.4	4.2
	4GC	0.4	0.5	0.1	2.1	0.8	0.3	0.1	0.0	0.4	1.3	0.9	2.5
	4GD	0.6	0.8	0.3	3.2	1.5	0.7	0.3	0.2	0.6	1.1	1.4	2.9
	4GE	1.0	0.9	0.5	3.7	1.7	0.8	0.4	0.2	0.6	0.8	1.7	3.7
	4GF	0.8	1.2	0.5	2.4	3.1	2.3	0.8	0.6	1.0	0.4	1.0	3.3
	4GG	0.3	1.3	0.4	3.3	9.4	6.1	2.6	1.2	1.3	0.9	0.9	0.9
	4HA	1.3	1.7	1.2	3.4	1.0	0.0	0.2	0.1	0.3	0.2	2.3	6.4
	4HB	0.4	1.0	0.7	1.8	2.6	1.8	0.8	0.4	0.8	0.3	1.2	3.6
	4HC	0.3	1.4	1.4	1.9	4.3	2.1	1.3	0.3	0.8	0.6	1.8	2.5
	4JA	0.4	0.7	0.1	2.4	4.4	2.8	0.7	0.6	0.8	0.6	0.3	1.4
	4JB	0.2	0.8	0.1	4.6	12.1	7.3	2.2	1.6	1.2	0.4	0.2	0.8
	4KA	0.3	0.8	0.1	3.8	9.7	6.0	1.7	1.3	1.1	0.4	0.2	0.9
	4KB	0.3	1.1	0.2	3.4	9.0	6.2	1.8	1.4	1.2	0.4	0.2	0.9
ENNCA	5AA	0.4	2.9	0.3	3.7	2.7	4.1	5.3	5.4	3.2	3.3	2.5	3.3
	5AB	0.3	2.5	0.4	4.0	2.3	3.6	4.3	5.0	2.6	3.3	2.3	3.3
	5AC	0.2	2.2	0.3	4.1	1.5	2.6	3.1	5.7	1.4	1.9	1.1	3.5
	5AD	0.2	2.3	0.4	4.1	1.7	2.7	3.1	5.3	1.0	2.2	1.5	3.7
	5BA	0.6	2.5	1.0	7.1	7.4	1.9	1.3	1.7	1.0	4.2	2.7	4.7
	5BB	0.5	2.6	1.1	6.3	6.0	2.3	2.0	2.3	1.3	4.7	2.8	4.6
	5BC-1	0.4	2.3	0.7	5.6	4.6	1.9	1.9	2.9	0.7	3.1	2.4	4.6
	5BC-2	0.3	2.2	0.7	4.3	1.7	1.8	1.7	4.5	0.6	2.2	1.9	4.8
	5BD	0.3	2.5	0.5	4.1	2.4	3.0	3.5	4.7	1.3	2.9	1.9	3.9
	5BE	0.5	2.2	0.7	6.0	3.9	1.0	1.0	2.7	0.4	2.6	3.2	6.2
	5CA	0.2	1.3	0.2	3.1	2.1	2.3	2.6	5.6	1.1	1.4	0.9	3.5
	5CB	0.5	1.3	0.3	3.7	2.0	1.8	2.3	4.8	0.8	1.2	1.9	3.0
	5CC	0.6	1.5	0.1	4.5	2.0	1.4	2.3	4.1	1.2	1.3	2.9	2.4
	5DA	0.8	2.1	0.7	7.4	3.2	0.3	0.3	1.8	0.3	2.1	4.8	7.7
	5DB	0.5	2.0	0.7	5.3	2.0	1.0	0.8	3.2	0.4	1.9	2.9	5.9
	5DC	0.3	1.8	0.4	4.1	1.7	2.2	1.7	5.3	0.7	1.6	0.9	3.9
	5DD	0.4	1.5	0.5	4.1	1.7	1.8	1.6	4.7	0.6	1.3	1.5	3.9
	5EA	0.3	1.2	0.0	2.9	1.6	0.4	0.7	0.0	0.3	0.7	0.7	1.4
	5EB	0.5	1.3	0.1	5.1	2.4	0.6	0.8	0.2	0.5	0.9	1.1	1.5
	5EC	0.6	1.4	0.2	6.8	2.1	0.5	1.3	1.3	0.8	1.1	2.1	2.2
	5ED	0.8	1.2	0.3	7.1	3.1	0.1	0.4	0.6	0.4	2.2	3.3	4.6
	5FA	0.5	0.8	0.1	3.3	2.0	0.5	0.2	0.1	0.4	1.6	1.4	2.9
	5FB	0.3	1.0	0.1	1.6	1.2	0.2	0.3	0.1	0.4	1.4	0.7	2.5
	5G	0.4	1.0	0.0	3.3	1.9	0.4	0.5	0.0	0.3	0.5	0.6	0.9
	5HA	0.2	0.5	0.0	3.2	1.1	0.2	0.3	0.0	0.2	0.2	0.5	0.5
	5HB	0.3	0.7	0.0	3.8	1.3	0.4	0.3	0.0	0.2	0.3	0.4	0.7
	5J	0.8	2.0	0.1	5.8	1.8	0.5	1.2	1.6	1.1	0.7	2.2	1.0

Monthly Rainfall by Sub-basin

Year 2024 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	1.8	1.5	8.6	7.5	4.6	4.0	4.3	4.4	2.2	5.9	2.1
	1AB	0.5	1.8	1.3	7.6	7.0	4.9	4.0	4.2	3.9	2.2	5.3	1.9
	1AC	0.5	2.2	1.3	9.9	7.2	5.5	3.9	4.8	4.1	2.4	5.7	2.0
	1AD	0.6	1.8	1.7	10.8	7.7	4.8	3.6	4.2	4.6	2.2	6.3	2.5
	1AE	0.7	1.6	2.1	10.1	8.2	3.8	3.3	3.7	5.3	2.2	7.8	3.2
	1AF	0.6	2.0	1.6	10.5	7.7	4.7	3.7	4.1	4.4	2.3	6.4	2.5
	1AG	0.6	1.9	1.6	10.2	7.6	4.5	4.1	3.9	4.1	2.3	6.0	2.3
	1AH	0.7	1.3	1.9	9.4	7.4	3.8	3.4	3.5	4.3	2.3	6.7	2.5
	1BA	0.1	0.3	0.3	2.4	1.9	2.4	1.8	0.7	1.1	1.0	3.1	1.5
	1BB	0.1	0.4	0.4	3.0	3.3	3.4	2.3	1.5	1.9	1.3	3.2	1.5
	1BC	0.2	0.4	0.5	3.7	4.7	4.0	3.1	2.4	2.8	2.0	3.7	2.0
	1BD	0.4	0.7	0.9	3.9	3.8	3.6	4.0	2.9	2.1	1.4	3.3	1.8
	1BE	0.4	0.6	0.8	4.4	5.2	4.2	3.7	3.3	2.9	2.0	3.8	2.2
	1BG	0.5	0.8	1.1	5.0	5.8	4.9	4.4	4.0	2.9	1.9	3.7	2.0
	1BH	0.5	1.2	1.3	6.0	6.2	5.2	4.7	4.6	3.1	1.9	3.8	1.8
	1CA	0.3	0.5	0.6	3.5	2.0	2.5	3.6	1.6	1.6	1.3	3.2	2.7
	1CB	0.4	0.4	0.7	4.0	2.1	2.7	4.3	2.0	1.9	1.6	3.4	3.3
	1CC	0.4	0.3	0.6	3.6	2.1	3.0	4.9	2.0	1.9	2.0	3.9	3.7
	1CD	0.5	0.8	1.1	7.0	3.7	4.9	5.4	4.5	2.4	1.9	3.4	2.5
	1CE	0.5	1.2	1.6	7.5	5.5	5.9	5.8	6.3	2.8	1.8	3.0	1.8
	1DA	0.5	1.7	1.6	10.9	6.1	6.8	5.0	6.4	3.1	2.1	3.7	2.2
	1DB	0.5	1.7	1.3	8.1	6.6	5.5	4.4	4.8	3.5	2.1	4.5	1.8
	1DC	0.5	2.1	1.4	10.8	6.9	5.9	4.4	5.0	3.5	2.4	5.0	2.2
	1DD	0.5	2.1	1.4	10.8	7.2	5.3	4.3	4.4	3.7	2.4	5.6	2.2
	1EA	0.8	1.5	1.6	11.7	5.5	6.8	5.8	6.4	2.9	2.3	4.1	3.0
	1EB	0.7	1.9	1.8	12.0	6.7	6.1	5.5	5.4	2.9	2.4	4.7	3.0
	1EC	0.6	1.7	1.6	12.8	6.3	7.1	4.7	6.0	3.0	2.3	3.9	2.7
	1ED	0.6	1.6	1.7	10.7	6.9	5.2	4.9	4.3	3.0	2.1	4.2	2.2
	1EE	0.7	1.0	1.8	8.8	6.8	4.0	4.3	3.4	3.0	2.0	4.2	1.8
	1EF	0.7	1.1	1.8	8.6	6.5	3.7	3.6	3.4	3.3	2.3	5.5	1.9
	1EG	0.8	1.0	1.8	8.6	6.0	4.1	4.9	3.6	2.3	2.2	3.9	1.8
	1FA	0.5	0.3	0.5	3.8	2.5	3.9	5.7	2.7	2.0	2.3	4.4	3.6
	1FB	1.0	0.9	1.0	7.3	3.7	5.1	6.3	4.6	2.7	2.5	4.3	3.0
	1FC	1.9	0.9	1.0	7.0	3.8	5.2	6.7	4.7	2.8	2.8	4.9	3.3
	1FD	1.9	0.7	0.8	5.1	3.4	4.9	6.6	3.8	2.6	3.1	5.3	2.9
	1FE	1.6	1.5	1.6	9.7	5.1	5.3	6.2	5.5	3.0	2.6	5.4	3.2
	1FF	1.3	1.6	1.7	8.3	5.1	4.0	5.8	4.5	2.7	2.6	6.0	2.7
	1FG	0.9	1.0	1.7	7.6	5.1	3.4	3.7	3.4	2.5	2.8	5.9	1.7
LVSCA	1GA	1.6	1.1	0.8	4.8	2.4	4.1	5.3	3.2	2.1	2.6	5.3	2.5
	1GB	3.2	1.4	1.2	6.0	2.7	4.4	5.4	4.1	3.1	3.5	5.7	2.9
	1GC	1.0	1.4	0.9	5.0	2.2	3.2	4.8	3.5	2.3	2.4	5.3	2.4
	1GD	3.0	2.2	1.8	7.0	2.4	4.1	4.6	3.9	2.9	3.9	6.2	2.7
	1GE	2.7	1.9	2.0	7.5	3.0	4.1	4.6	4.2	3.0	4.3	5.8	2.8
	1GF	2.4	1.7	2.0	6.7	3.2	3.6	4.6	4.1	2.8	4.5	6.3	3.1
	1GG	1.4	1.8	1.1	5.9	2.2	3.7	5.1	3.4	2.3	2.6	5.7	2.4
	1HA1	2.4	1.7	1.5	6.3	3.7	3.6	6.1	4.7	3.1	3.2	6.8	3.0
	1HA2	2.7	1.7	1.6	5.6	2.9	3.5	5.1	4.3	3.0	3.7	6.6	2.9
	1HB1	1.1	1.3	1.6	7.1	4.5	3.2	4.1	3.6	2.3	2.9	6.1	1.8
	1HB2	1.6	1.9	1.6	6.6	4.3	3.1	5.4	4.0	2.8	3.0	7.4	2.7
	1HC	1.1	1.2	1.6	7.1	4.3	2.9	3.0	3.4	2.2	3.2	6.1	1.5
	1HD	1.8	1.8	2.0	7.0	3.4	3.8	4.7	4.4	3.0	4.6	7.1	3.1
	1HE	1.6	1.9	1.9	7.2	3.7	3.7	4.1	4.3	2.9	4.4	7.9	2.9
	1HF	1.5	2.0	1.7	7.6	3.8	2.2	2.3	3.8	2.0	4.0	6.3	1.6
	1HG	1.5	1.7	1.6	7.6	3.6	1.9	2.2	3.3	1.7	3.7	5.9	1.3
	1JA	1.9	1.5	1.4	7.7	2.9	3.1	4.6	4.0	2.9	3.4	5.5	2.8
	1JB	2.6	1.8	1.9	10.0	3.7	3.6	4.8	4.6	3.4	4.0	5.8	3.0
	1JC	2.1	1.9	1.7	8.7	3.6	3.9	5.3	4.4	3.2	3.5	5.8	2.6
	1JD	2.6	1.7	2.0	9.4	3.8	3.7	4.8	4.6	3.5	4.2	5.6	2.9
	1JE	2.4	1.8	1.8	8.6	2.2	2.6	4.0	4.3	2.7	4.2	6.0	3.6
	1JF	2.2	1.6	1.8	8.6	2.8	2.9	4.4	4.4	3.0	4.1	5.5	3.1
	1JG1	2.2	1.7	2.1	8.2	3.3	3.6	4.7	4.5	3.2	4.6	5.7	3.2
	1JG2	2.0	1.8	2.0	6.6	3.3	3.7	4.9	4.2	3.0	4.5	7.2	3.3
	1KA	1.8	2.0	1.7	7.5	3.6	3.6	3.9	4.1	2.6	4.3	8.0	3.0
	1KB	1.8	1.9	1.5	7.5	3.2	2.5	3.5	3.5	2.0	3.8	6.8	2.5
	1KC	2.0	2.1	1.3	7.2	2.5	2.4	3.7	3.4	1.9	3.6	6.0	3.4
	1LA1	2.3	1.4	1.4	8.1	2.1	2.5	3.8	3.8	2.5	3.8	5.6	3.1
	1LA2	2.2	2.1	1.4	7.5	1.9	2.4	3.7	3.8	2.2	3.9	4.9	4.1
	1LA3	2.0	1.4	1.2	6.1	1.1	1.3	2.4	2.3	1.4	2.1	3.5	3.6
	1LB1	2.2	1.3	1.3	7.4	1.6	2.0	3.2	3.3	2.2	3.8	5.0	3.4
	1LB2	2.1	1.7	1.4	6.7	1.2	1.5	2.8	3.0	1.7	2.5	3.8	3.9

Monthly Rainfall by Sub-basin

Year 2024 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.3	0.2	0.3	2.3	0.3	0.0	0.0	0.1	0.4	0.5	2.0	1.7
	2AB	0.3	0.2	0.2	2.1	0.2	0.0	0.0	0.1	0.3	0.2	1.4	2.4
	2BA	0.2	0.3	0.4	2.9	3.8	3.4	2.6	1.8	2.6	1.6	3.2	1.6
	2BB	0.1	0.2	0.2	2.6	2.6	2.1	1.8	1.0	1.9	1.1	2.5	1.3
	2BC	0.3	0.3	0.3	2.9	3.1	2.2	2.1	1.4	2.6	1.2	2.9	1.4
	2BD	0.3	0.1	0.1	1.5	0.4	0.2	0.3	0.1	0.6	0.3	0.7	2.3
	2CA	0.3	0.1	0.1	1.5	0.1	0.1	0.1	0.0	0.4	0.3	0.4	2.3
	2CB	0.2	0.2	0.3	2.3	1.2	1.8	2.6	1.2	1.5	1.5	3.9	2.6
	2CC	0.3	0.3	0.3	2.3	1.0	1.0	0.8	0.4	1.0	1.0	2.0	1.7
	2D	0.2	0.3	0.6	2.6	0.6	0.5	1.2	0.3	1.2	1.7	3.4	1.3
	2EA	0.1	0.2	0.2	2.5	0.7	1.7	2.8	1.6	2.2	2.6	3.0	2.1
	2EB	0.1	0.2	0.3	2.3	0.6	1.4	2.8	1.4	2.0	2.3	3.2	1.9
	2EC	0.2	0.5	0.3	2.9	0.8	2.0	2.8	2.0	2.2	2.8	3.8	2.2
	2ED	0.2	0.3	0.3	2.8	1.4	2.5	4.0	2.9	1.8	1.6	4.2	2.8
	2EE	0.1	0.2	0.2	2.4	0.8	1.3	2.4	1.5	1.8	1.4	3.5	3.1
	2EF	0.1	0.3	0.2	2.7	1.1	2.0	3.2	2.5	1.9	1.7	3.9	2.6
	2EG1	0.3	0.8	0.3	3.0	1.1	2.2	3.5	2.5	2.0	2.6	4.6	2.2
	2EG2	0.1	0.3	0.2	2.5	0.8	1.5	2.6	1.8	2.0	1.9	3.6	2.5
	2EH	0.2	0.3	0.3	1.9	0.9	1.5	2.6	1.3	1.8	1.9	4.3	1.9
	2EJ	0.2	0.3	0.2	1.5	0.4	0.5	1.9	0.5	1.5	2.0	3.1	1.7
	2EK	0.1	0.2	0.2	1.9	0.5	0.8	2.3	0.9	1.8	1.8	3.3	1.7
	2FA	0.3	0.3	0.3	2.6	0.7	1.2	2.4	2.1	1.6	2.5	2.7	1.8
	2FB	0.2	0.4	0.3	2.8	0.9	2.0	2.9	1.8	2.2	3.0	3.1	2.1
	2FC	0.3	0.5	0.3	2.7	0.7	1.6	2.4	1.9	2.0	2.6	3.4	2.1
	2GA	0.3	0.3	0.3	2.6	0.6	1.0	2.6	2.2	1.3	2.7	2.7	2.4
	2GB	0.4	0.3	0.3	2.8	0.7	1.1	3.3	2.4	1.4	3.1	2.9	2.2
	2GC	0.7	0.4	0.7	4.1	1.3	1.0	4.2	2.9	1.5	5.7	5.2	4.9
	2GD	0.5	0.3	0.6	3.1	0.9	0.9	2.5	2.0	1.3	4.2	4.2	3.7
	2H-1	0.7	0.2	0.6	2.9	0.5	0.3	1.0	0.6	1.0	3.9	4.5	3.6
	2H-2	0.6	0.2	0.4	2.6	0.2	0.1	0.5	0.2	0.9	3.9	4.9	3.3
	2H-3	0.8	0.1	0.6	2.0	0.2	0.1	0.2	0.1	0.6	3.7	6.0	4.0
	2J	0.3	0.1	0.2	1.8	0.2	0.0	0.0	0.0	0.3	0.2	1.2	2.5
	2KA	1.5	0.8	0.9	4.4	0.6	0.9	1.7	1.6	1.3	2.6	3.3	3.4
	2KB	1.2	0.4	0.7	3.5	0.3	0.3	0.8	0.6	0.9	1.7	2.8	3.0
	2KC	1.0	0.3	0.6	3.1	0.2	0.1	0.6	0.3	0.8	2.0	3.3	2.9
ACA	3AA	0.5	0.2	0.4	2.7	0.1	0.1	0.5	0.2	1.0	4.6	5.1	3.4
	3AB	0.8	0.1	0.6	2.3	0.1	0.0	0.3	0.1	0.6	4.4	6.7	4.8
	3AC	0.5	0.1	1.0	2.8	0.1	0.0	0.5	0.1	1.1	5.6	6.8	5.1
	3BA	0.3	0.2	0.6	3.2	0.4	0.2	0.9	0.2	1.4	5.8	5.3	3.5
	3BB	0.3	0.2	0.7	3.6	0.7	0.3	1.3	0.3	1.6	6.7	5.6	4.4
	3BC	0.4	0.3	0.8	4.1	1.2	0.5	1.9	0.7	1.8	7.6	6.4	5.6
	3BD	0.3	0.3	0.8	4.0	1.1	0.4	1.8	0.7	1.8	7.4	6.1	5.3
	3CB	0.4	0.2	1.0	3.8	0.9	0.4	1.6	0.6	1.9	7.3	6.3	5.4
	3DA	0.7	0.1	1.8	3.1	0.1	0.0	0.4	0.0	0.8	6.3	8.7	5.0
	3DB	1.0	0.2	1.7	3.0	0.2	0.0	0.5	0.1	0.4	7.7	13.8	4.7
	3EA	0.9	0.1	1.5	2.8	0.1	0.0	0.4	0.1	0.6	6.2	9.8	6.8
	3EB	1.2	0.1	1.8	3.0	0.2	0.0	0.6	0.1	0.5	7.2	12.3	5.6
	3EC	1.4	0.1	1.6	2.6	0.3	0.0	0.6	0.1	0.4	6.7	12.6	4.8
	3ED	1.3	0.2	1.6	2.7	0.3	0.0	0.7	0.1	0.4	7.4	15.6	3.3
	3FA	1.1	0.1	1.1	2.1	0.2	0.0	0.3	0.1	0.3	4.3	11.0	3.3
	3FB	0.8	0.2	0.6	1.8	0.1	0.1	0.2	0.0	0.2	3.3	11.8	3.7
	3G	1.0	0.0	0.7	2.6	0.2	0.3	0.5	0.0	0.4	3.3	9.2	3.1
	3HA	0.1	0.1	0.7	3.7	0.3	0.4	0.5	0.0	0.5	2.3	6.6	5.4
	3HB	0.1	0.1	0.5	2.8	2.3	2.0	1.4	0.1	0.5	2.1	5.9	4.8
	3HC	0.1	0.0	0.2	3.6	4.7	4.8	2.8	0.2	0.7	1.4	6.4	3.4
	3HD1	0.1	0.0	0.3	4.6	6.2	5.8	3.5	0.3	0.7	1.9	4.2	3.0
	3HD2	0.1	0.0	0.3	4.5	5.9	5.6	3.3	0.4	0.8	1.6	6.3	2.8
	3J	0.8	0.0	1.1	6.6	0.5	0.7	0.6	0.0	0.4	2.3	6.0	2.7
	3K	0.0	0.1	0.9	10.0	4.0	3.6	2.6	1.2	1.0	4.3	5.0	2.4
	3LA	0.1	0.1	0.8	4.1	2.9	2.1	1.7	0.1	0.6	2.6	5.0	4.5
	3LB	0.1	0.1	0.4	4.9	6.9	5.4	3.7	0.3	0.8	2.2	3.7	2.6
	3MA-1	0.1	0.1	1.8	8.9	0.6	1.0	0.9	0.2	0.7	2.9	4.8	4.6
	3MA-2	0.1	0.1	1.4	7.7	2.3	2.2	1.8	0.8	0.8	3.2	4.4	4.3
	3MB	0.1	0.1	0.7	7.9	4.3	3.8	2.4	1.0	0.9	4.0	5.2	2.9
	3MC	0.0	0.1	0.8	10.1	4.0	3.6	2.7	1.5	1.1	4.0	5.0	2.2
	3MD1	0.0	0.1	0.7	8.8	6.8	5.0	2.8	0.5	1.5	6.3	5.5	2.8
	3MD2	0.0	0.1	0.7	10.9	5.2	4.6	2.7	0.8	1.1	5.8	5.6	2.5
	3N	1.1	0.1	0.8	1.9	0.2	0.1	0.2	0.0	0.3	3.7	9.5	2.9

Monthly Rainfall by Sub-basin

Year 2024 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.7	1.1	0.4	5.4	1.2	0.6	1.8	0.2	1.4	7.0	6.7	5.2
	4AB	0.7	0.7	0.5	4.3	1.4	0.7	3.6	0.9	1.7	6.7	6.2	5.2
	4AC	0.8	0.6	0.7	4.6	1.7	0.8	4.0	1.2	1.9	7.9	6.7	6.3
	4AD	0.8	0.6	0.9	5.2	2.0	1.0	4.0	1.6	2.1	8.7	7.5	7.7
	4BA	0.5	0.7	0.8	5.6	1.3	0.7	1.7	0.3	1.7	9.0	6.4	9.7
	4BB	0.6	1.1	0.6	6.0	1.2	0.7	1.4	0.2	1.5	8.0	6.6	6.6
	4BC	0.4	0.6	0.9	5.8	0.9	0.5	0.9	0.2	1.4	8.9	5.9	8.7
	4BD	0.7	0.4	1.1	5.6	2.1	1.0	3.1	1.3	2.2	10.0	7.7	10.1
	4BE	0.5	0.3	1.2	5.3	1.8	0.8	2.1	0.9	2.1	9.9	7.4	10.0
	4BF	0.3	0.2	1.1	4.1	0.7	0.3	0.8	0.2	1.8	7.9	5.7	8.3
	4BG	0.5	0.2	1.2	3.7	0.3	0.1	0.3	0.1	1.1	7.0	5.9	6.4
	4CA	0.6	0.4	1.2	5.2	2.3	1.1	3.5	1.9	2.3	9.4	8.1	8.3
	4CB	0.6	0.3	1.3	5.2	2.1	0.9	2.8	1.2	2.5	9.9	8.1	9.4
	4CC	0.5	0.2	1.3	3.3	0.2	0.1	0.5	0.1	1.2	6.4	6.6	5.1
	4DA	0.4	0.5	1.0	5.6	0.7	0.4	0.7	0.2	1.2	8.8	6.2	6.2
	4DB	0.3	0.5	1.1	6.4	0.8	0.4	0.8	0.3	1.2	10.1	7.2	4.8
	4DC	0.3	0.5	1.2	7.0	0.8	0.4	0.9	0.3	1.2	10.9	7.9	3.9
	4DD	0.4	0.3	1.2	5.0	0.4	0.1	0.4	0.2	0.7	8.0	7.6	4.0
	4DE	0.6	0.3	1.5	3.6	0.2	0.0	0.1	0.0	0.4	6.2	8.4	4.3
	4EA	0.3	0.4	0.8	7.2	1.0	0.2	0.7	0.2	0.8	14.4	12.7	4.2
	4EB	0.3	0.5	1.0	7.8	1.0	0.3	0.9	0.2	0.9	12.6	11.2	3.8
	4EC	0.3	0.3	1.0	6.7	0.6	0.2	0.7	0.2	0.7	9.9	9.3	3.2
	4ED	0.4	0.2	1.0	4.3	0.2	0.0	0.2	0.1	0.3	7.0	9.8	3.5
	4FA	0.3	0.3	0.6	6.5	1.0	0.1	0.6	0.1	0.7	14.7	13.4	4.2
	4FB	0.3	0.2	0.5	5.9	0.7	0.1	0.5	0.1	0.4	14.0	12.8	4.3
	4GA	0.2	0.2	0.3	4.1	0.5	0.0	0.4	0.0	0.3	13.5	10.6	4.0
	4GB	0.2	0.1	0.2	3.4	0.3	0.1	0.3	0.0	0.2	10.2	9.7	3.6
	4GC	0.1	0.1	0.1	1.5	0.1	0.1	0.3	0.0	0.2	5.1	8.5	2.7
	4GD	0.2	0.1	0.2	2.2	0.4	0.2	0.4	0.1	0.3	3.8	8.4	2.8
	4GE	0.3	0.1	0.3	2.6	0.4	0.2	0.5	0.1	0.3	4.9	10.9	2.6
	4GF	0.3	0.1	0.4	2.3	1.0	0.8	1.0	0.2	0.6	3.9	10.8	2.5
	4GG	0.1	0.0	0.4	3.9	4.1	3.6	2.6	0.5	1.3	1.7	5.9	2.4
	4HA	0.6	0.2	0.9	2.1	0.1	0.0	0.3	0.0	0.1	6.3	15.4	3.3
	4HB	0.3	0.1	0.4	2.1	0.9	0.8	0.9	0.1	0.5	3.6	11.7	2.9
	4HC	0.1	0.1	0.4	2.3	1.3	1.5	1.0	0.1	0.4	2.2	7.7	4.7
	4JA	0.2	0.0	0.1	2.0	1.8	1.8	0.8	0.1	0.4	2.1	5.9	2.5
	4JB	0.1	0.0	0.2	4.2	5.4	5.6	2.2	0.5	0.9	1.4	4.1	2.1
	4KA	0.1	0.0	0.2	3.5	4.2	4.3	1.8	0.4	0.8	1.5	4.8	2.3
	4KB	0.1	0.0	0.2	3.6	3.8	3.7	2.0	0.4	1.0	1.5	4.6	2.3
ENNCA	5AA	0.1	0.2	0.3	2.2	0.5	1.1	2.9	1.1	1.8	2.5	3.3	1.1
	5AB	0.2	0.1	0.3	2.3	0.5	0.8	2.8	1.0	1.6	2.5	3.7	1.1
	5AC	0.1	0.2	0.2	1.7	0.4	0.3	1.4	0.2	1.4	1.9	2.8	1.4
	5AD	0.1	0.2	0.3	1.8	0.4	0.3	1.9	0.2	1.3	2.1	3.9	1.2
	5BA	0.6	0.7	0.3	3.6	1.0	0.5	3.6	0.5	1.4	5.0	5.6	2.9
	5BB	0.5	0.4	0.4	3.1	0.8	0.5	4.0	0.9	1.4	4.5	5.1	2.6
	5BC-1	0.3	0.4	0.3	2.7	0.7	0.4	2.5	0.3	1.3	3.6	5.0	1.9
	5BC-2	0.1	0.2	0.2	1.6	0.4	0.1	1.2	0.1	1.1	2.0	3.6	1.4
	5BD	0.1	0.2	0.4	2.2	0.4	0.5	2.7	0.6	1.4	2.5	4.4	1.1
	5BE	0.2	0.4	0.4	2.9	0.6	0.2	0.9	0.1	1.3	5.2	6.2	2.4
	5CA	0.3	0.3	0.2	1.2	0.5	0.1	1.2	0.0	1.3	1.9	2.5	1.4
	5CB	0.2	0.3	0.5	2.0	0.4	0.0	0.8	0.0	1.2	1.9	3.2	1.4
	5CC	0.2	0.3	0.7	2.9	0.4	0.0	0.7	0.0	1.1	1.9	3.6	1.4
	5DA	0.2	0.5	0.8	3.9	0.5	0.1	0.2	0.1	1.3	8.9	10.3	2.5
	5DB	0.2	0.3	0.6	2.3	0.4	0.1	0.3	0.1	1.3	4.7	6.6	1.9
	5DC	0.3	0.3	0.2	1.1	0.4	0.1	0.8	0.0	1.2	2.4	2.9	1.8
	5DD	0.2	0.3	0.4	1.5	0.4	0.0	0.6	0.0	1.2	2.5	4.2	1.6
	5EA	0.1	0.0	0.2	1.3	1.4	0.2	0.1	0.0	0.1	1.5	2.3	1.3
	5EB	0.0	0.0	0.2	1.9	1.5	0.1	0.1	0.0	0.2	1.8	3.6	1.2
	5EC	0.1	0.1	0.4	3.4	0.7	0.0	0.2	0.0	0.6	3.1	5.8	1.3
	5ED	0.1	0.2	0.4	3.0	0.6	0.0	0.3	0.0	0.4	9.4	8.4	2.8
	5FA	0.2	0.0	0.2	1.5	0.6	0.2	0.2	0.0	0.2	5.7	5.8	2.5
	5FB	0.2	0.0	0.1	0.9	0.9	0.1	0.1	0.0	0.1	2.0	3.8	1.8
	5G	0.1	0.0	0.2	1.4	1.0	0.3	0.1	0.0	0.1	1.5	1.5	0.8
	5HA	0.0	0.0	0.0	1.1	0.8	0.4	0.1	0.0	0.1	1.0	0.6	0.4
	5HB	0.1	0.0	0.1	1.0	1.0	0.3	0.1	0.0	0.1	1.0	0.9	0.4
	5J	0.1	0.1	0.3	2.8	0.5	0.1	0.1	0.0	0.5	1.5	3.6	1.1

Monthly Rainfall by Sub-basin

Year 2025 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.5	2.3	7.4	8.4	9.9	5.5	4.6	4.3	5.1	4.0	7.5	1.6
	1AB	2.2	2.1	7.3	7.5	9.5	4.6	4.8	3.8	4.3	3.2	6.8	1.2
	1AC	2.7	2.4	8.0	8.1	9.8	5.6	5.3	3.8	5.3	3.7	7.1	1.3
	1AD	2.7	2.7	8.0	10.0	10.4	6.4	4.4	5.0	6.1	4.8	7.7	1.9
	1AE	2.3	2.8	7.6	11.2	10.5	6.3	3.6	5.5	7.2	5.7	7.9	2.4
	1AF	2.8	2.7	8.2	9.5	10.4	6.2	4.6	4.7	5.8	4.6	7.8	2.0
	1AG	2.9	2.8	8.1	9.7	10.3	6.0	4.7	5.1	5.2	4.5	7.7	2.0
	1AH	2.5	2.4	7.4	10.9	9.9	5.5	3.3	5.5	5.6	5.1	7.8	2.3
	1BA	1.2	1.4	4.9	10.5	7.2	3.4	4.2	2.5	1.3	1.1	3.2	0.1
	1BB	1.3	1.5	4.9	8.4	7.8	3.7	5.1	3.3	1.6	1.5	3.5	0.2
	1BC	1.1	1.7	5.2	6.1	7.5	4.1	5.9	3.7	1.8	1.5	3.5	0.2
	1BD	1.3	1.5	5.4	8.5	7.1	3.2	4.9	3.6	2.1	1.5	4.3	0.2
	1BE	1.0	1.7	5.8	6.5	7.7	3.1	5.0	3.9	2.2	1.4	4.2	0.3
	1BG	1.3	1.8	5.9	7.1	7.9	3.3	5.2	4.3	2.5	1.9	5.2	0.3
	1BH	1.7	1.9	6.2	7.4	8.3	3.8	5.5	4.3	3.2	2.4	5.8	0.5
	1CA	1.0	1.5	5.2	9.7	5.8	3.7	4.5	2.8	1.7	1.1	3.7	0.2
	1CB	1.1	1.8	5.4	10.0	5.7	4.2	4.8	3.2	1.9	1.1	3.7	0.1
	1CC	1.3	2.5	5.3	10.6	7.1	4.4	4.7	3.9	2.0	1.1	3.6	0.3
	1CD	1.6	2.4	5.9	9.3	6.7	4.9	6.5	4.8	3.6	2.3	4.1	0.3
	1CE	2.3	2.2	5.7	8.7	7.4	4.5	7.3	5.2	4.3	3.1	4.9	0.3
	1DA	2.7	2.7	7.0	9.9	8.3	5.8	7.6	5.4	5.5	3.8	5.5	0.7
	1DB	2.3	2.2	7.1	7.8	9.0	4.7	5.6	4.1	4.2	3.0	6.3	0.9
	1DC	2.9	2.8	8.0	9.0	9.4	5.6	6.3	4.6	5.0	3.8	6.8	1.2
	1DD	3.0	2.8	8.3	9.1	10.0	5.9	5.7	4.7	5.0	4.1	7.3	1.6
	1EA	2.7	3.7	7.4	11.0	8.3	6.1	8.5	6.5	5.5	3.5	4.8	0.7
	1EB	3.2	3.8	8.1	10.8	8.8	5.2	8.5	6.3	5.2	3.7	5.9	1.1
	1EC	2.9	3.3	7.8	11.1	8.5	6.3	7.9	6.1	5.7	4.2	5.7	0.9
	1ED	3.2	3.1	7.8	10.4	9.4	5.3	6.1	6.1	4.2	4.3	7.1	1.6
	1EE	3.0	2.4	7.1	10.6	9.4	4.5	3.8	6.3	3.4	4.4	7.6	2.1
	1EF	2.7	2.2	7.3	10.7	9.2	4.2	3.2	5.6	4.0	4.5	7.4	2.2
	1EG	3.1	2.7	7.2	10.8	8.6	3.6	4.6	6.3	2.6	3.9	6.5	2.0
	1FA	1.6	3.1	5.2	11.0	8.4	4.4	4.9	4.7	2.3	1.3	3.8	0.5
	1FB	1.7	3.4	6.4	9.8	8.2	5.3	6.5	5.7	4.0	2.0	4.3	0.7
	1FC	1.9	3.8	6.5	10.1	9.2	5.4	6.4	6.0	4.1	2.0	4.5	1.0
	1FD	1.7	3.7	6.0	10.5	9.6	4.8	5.3	5.6	3.8	1.7	4.3	1.1
	1FE	2.8	3.9	7.6	10.3	8.4	5.1	7.1	5.9	4.7	2.8	4.9	1.4
	1FF	3.0	3.6	7.8	9.7	8.0	4.0	5.6	4.8	3.3	2.7	4.5	1.9
	1FG	2.8	2.1	7.4	10.5	7.9	2.7	3.3	5.0	2.9	3.9	5.8	2.2
LVSCA	1GA	2.1	2.6	4.9	10.9	8.1	3.7	4.9	4.0	3.0	1.5	3.8	0.8
	1GB	1.8	3.2	5.9	10.9	8.1	4.4	4.4	4.1	5.2	1.8	4.9	1.5
	1GC	2.6	2.6	4.9	10.0	6.9	3.5	5.6	3.9	3.2	1.3	3.4	0.9
	1GD	2.0	2.7	5.5	11.5	6.9	4.1	4.2	2.6	5.1	1.9	4.9	2.1
	1GE	1.9	3.3	5.8	11.2	6.9	4.0	4.9	3.1	4.9	1.9	4.9	2.5
	1GF	2.0	3.2	6.5	9.7	6.3	3.7	4.0	2.5	3.6	2.1	4.5	2.7
	1GG	2.6	2.4	4.8	11.0	7.5	3.8	5.5	3.5	3.5	1.5	3.7	0.9
	1HA1	2.4	3.7	7.3	8.9	7.4	4.2	4.5	3.4	3.7	1.9	4.0	2.2
	1HA2	1.9	3.3	6.8	9.2	6.5	4.0	3.3	2.4	4.0	1.9	4.3	2.3
	1HB1	3.0	2.4	7.7	9.9	7.4	2.5	3.4	4.2	2.4	3.0	4.6	2.3
	1HB2	2.9	3.3	7.9	9.0	7.2	3.5	4.0	2.9	2.9	2.3	3.5	2.3
	1HC	2.9	1.8	7.9	10.3	7.3	2.0	2.7	4.1	2.5	3.1	4.7	2.3
	1HD	2.8	3.0	6.8	10.3	7.0	4.1	4.4	3.4	3.7	2.8	4.9	2.9
	1HE	3.4	2.6	7.5	10.8	7.5	3.5	4.4	3.7	4.2	2.9	4.7	2.7
	1HF	3.0	1.6	8.7	10.1	6.7	1.7	3.0	3.1	3.3	1.6	3.3	2.9
	1HG	2.6	1.5	8.4	9.5	6.4	1.5	2.4	2.8	2.8	1.6	3.7	3.2
	1JA	2.3	3.3	5.4	10.6	7.2	4.1	5.6	4.2	3.7	1.8	4.3	2.6
	1JB	2.5	3.7	5.7	11.7	8.1	4.4	6.6	4.7	4.7	1.9	4.9	3.5
	1JC	2.7	3.5	5.4	11.9	8.3	4.3	7.1	4.9	5.1	1.7	4.3	2.2
	1JD	2.3	3.6	5.7	11.4	7.8	4.2	6.5	4.7	4.7	1.8	4.9	2.8
	1JE	2.1	3.9	6.0	9.2	6.9	4.8	4.1	3.3	3.0	2.8	6.5	5.1
	1JF	2.0	3.7	5.7	10.1	6.9	4.7	5.0	4.2	3.4	2.2	5.5	3.9
	1JG1	2.1	3.4	5.9	10.3	6.9	4.3	5.2	3.9	3.8	2.2	5.2	3.1
	1JG2	2.5	3.1	6.8	9.7	6.7	4.0	4.0	2.8	3.3	2.6	4.6	2.8
	1KA	3.6	2.5	7.6	11.1	7.9	3.3	4.4	3.7	4.6	3.0	5.2	3.2
	1KB	2.8	2.4	7.4	9.6	7.2	2.8	3.3	2.9	3.5	2.3	5.1	3.9
	1KC	2.4	3.5	6.6	8.9	6.9	2.9	2.6	2.1	2.8	2.3	6.4	4.9
	1LA1	1.9	3.8	5.8	9.7	6.3	4.3	3.7	3.1	2.8	2.4	5.2	4.3
	1LA2	2.0	4.6	5.6	9.0	5.1	2.8	1.6	1.3	1.4	1.6	7.0	5.4
	1LA3	1.0	4.7	3.9	9.2	3.3	1.7	0.7	0.4	0.6	0.8	4.1	3.1
	1LB1	1.6	4.0	5.5	9.4	5.2	3.9	2.6	2.2	1.8	2.1	5.1	4.3
	1LB2	1.2	4.9	4.4	9.3	3.5	2.2	0.9	0.5	0.5	1.1	4.9	4.0

Monthly Rainfall by Sub-basin

Year 2025 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	1.3	0.1	2.7	4.3	1.7	0.2	0.4	0.0	0.0	0.3	0.8	0.3
	2AB	1.3	0.1	2.7	4.6	1.3	0.0	0.8	0.0	0.0	0.3	0.5	0.3
	2BA	1.1	1.5	4.5	5.4	6.8	4.1	5.9	3.3	1.5	1.4	3.0	0.1
	2BB	0.8	1.1	3.3	4.5	4.6	2.7	4.0	1.9	0.8	0.8	2.5	0.0
	2BC	0.6	1.1	4.1	3.9	4.7	2.7	4.4	2.3	1.2	0.9	2.9	0.1
	2BD	0.5	0.3	2.5	5.1	1.6	0.5	1.2	0.2	0.1	0.1	1.2	0.2
	2CA	0.6	0.2	2.3	5.4	1.5	0.3	0.9	0.1	0.1	0.2	0.9	0.2
	2CB	0.9	1.6	4.9	11.6	7.2	3.7	4.1	3.0	1.1	0.9	3.5	0.2
	2CC	0.8	0.7	3.0	5.8	3.4	1.5	2.3	1.0	0.4	0.5	2.0	0.2
	2D	1.0	0.9	3.1	5.7	3.6	1.7	2.9	1.0	0.6	0.6	2.8	0.1
	2EA	0.5	1.8	4.3	7.0	5.3	3.5	4.1	2.9	1.5	0.8	2.7	0.5
	2EB	0.4	1.9	4.0	6.5	5.4	3.2	4.1	3.0	1.5	0.8	2.7	0.5
	2EC	0.9	2.0	4.3	8.6	4.8	3.5	3.7	2.7	1.5	1.1	2.8	0.4
	2ED	1.9	2.1	4.3	8.7	6.4	2.9	4.9	3.7	1.6	1.1	3.2	0.2
	2EE	0.7	1.8	3.9	9.4	6.8	3.3	4.2	3.3	1.3	0.9	3.3	0.2
	2EF	1.4	2.0	4.1	7.9	6.2	2.9	4.7	3.3	1.6	1.0	2.9	0.3
	2EG1	1.7	2.2	4.5	8.9	5.1	3.2	3.4	3.2	1.6	1.3	3.0	0.3
	2EG2	0.8	2.0	3.9	8.3	5.9	3.1	4.1	3.1	1.4	0.9	2.9	0.3
	2EH	0.5	1.8	4.3	10.7	6.6	3.5	4.2	3.4	0.9	0.9	3.2	0.2
	2EJ	0.5	2.3	2.2	6.3	3.5	2.2	3.2	2.2	0.8	0.8	2.1	0.1
	2EK	0.4	2.3	3.1	6.8	4.5	2.6	3.5	2.8	1.1	0.8	2.3	0.3
	2FA	0.4	1.6	3.6	6.3	4.0	2.9	4.0	2.3	2.4	0.8	2.1	0.7
	2FB	0.7	1.8	4.2	8.6	4.1	3.7	3.7	2.6	1.5	0.9	2.7	0.5
	2FC	0.7	1.8	3.9	7.8	4.0	3.0	3.7	2.3	2.1	1.0	2.5	0.5
	2GA	0.4	1.8	3.7	6.3	4.6	2.8	3.4	2.1	2.2	0.9	2.5	1.0
	2GB	0.4	1.9	3.9	6.3	4.5	3.2	3.6	2.4	2.3	1.3	2.6	0.9
	2GC	0.4	3.1	5.1	8.2	5.9	3.4	3.0	2.0	2.6	3.3	4.4	1.3
	2GD	0.3	2.8	4.5	7.3	5.4	2.5	2.9	1.6	2.1	1.9	3.4	1.4
	2H-1	0.2	4.3	3.9	8.8	3.0	1.3	1.0	0.5	0.7	1.4	3.5	2.1
	2H-2	0.1	4.4	3.6	8.4	2.1	0.7	0.5	0.1	0.4	1.3	3.4	2.2
	2H-3	0.2	4.1	3.3	8.2	2.0	0.4	0.2	0.1	0.3	1.3	3.2	2.8
	2J	1.1	0.1	2.7	4.8	1.3	0.1	0.9	0.0	0.0	0.3	0.5	0.3
	2KA	0.7	4.4	3.6	9.2	3.2	2.3	1.4	0.8	1.1	0.9	3.5	2.5
	2KB	0.2	4.5	2.7	9.0	2.3	1.3	0.6	0.1	0.3	0.4	2.6	1.5
	2KC	0.1	4.6	2.8	8.8	2.0	1.0	0.4	0.1	0.3	0.5	2.6	1.5
ACA	3AA	0.1	4.4	4.1	8.7	2.1	0.7	0.6	0.1	0.4	1.5	3.9	2.5
	3AB	0.2	4.4	3.3	8.3	2.1	0.3	0.2	0.1	0.3	1.6	3.5	2.9
	3AC	0.3	4.6	4.9	10.6	1.9	0.4	0.3	0.1	0.2	1.9	4.1	2.4
	3BA	0.2	4.8	5.1	10.3	2.3	1.0	0.8	0.3	0.5	2.0	4.5	2.2
	3BB	0.2	5.3	5.4	11.1	2.6	1.3	1.0	0.6	0.6	2.5	5.1	2.2
	3BC	0.2	5.4	5.9	11.5	3.5	1.8	1.4	1.0	0.9	3.2	5.4	2.1
	3BD	0.2	5.3	5.8	11.6	3.4	1.7	1.3	0.9	0.8	3.1	5.3	2.0
	3CB	0.3	4.9	6.0	12.3	3.2	1.4	1.0	0.8	0.7	3.0	5.0	1.8
	3DA	0.4	4.6	6.0	11.2	1.6	0.2	0.2	0.0	0.1	2.2	4.8	2.3
	3DB	0.8	5.2	4.2	10.1	2.5	0.1	0.2	0.1	0.2	4.8	7.2	3.6
	3EA	0.4	5.2	4.2	10.4	2.4	0.1	0.2	0.1	0.1	2.5	4.6	3.3
	3EB	0.5	6.3	4.4	11.2	3.0	0.2	0.2	0.2	0.2	3.7	6.3	3.5
	3EC	0.5	6.5	4.0	11.1	3.3	0.2	0.2	0.2	0.2	3.9	6.7	4.1
	3ED	0.6	6.3	3.7	10.1	3.1	0.2	0.3	0.2	0.3	4.8	7.8	4.6
	3FA	0.5	4.4	3.0	7.2	1.8	0.1	0.1	0.1	0.2	2.6	5.3	5.3
	3FB	0.5	3.5	2.0	2.4	1.0	0.0	0.1	0.0	0.1	2.3	4.6	5.5
	3G	0.5	3.1	2.5	2.7	1.6	0.1	0.3	0.1	0.2	1.4	4.9	3.2
	3HA	1.1	2.8	1.5	2.6	1.6	0.1	0.4	0.1	0.3	1.4	3.3	3.0
	3HB	1.3	2.4	0.8	2.9	3.1	0.4	1.3	0.7	0.9	1.2	3.0	3.4
	3HC	0.7	0.9	0.4	3.5	5.2	0.9	2.1	2.1	1.4	1.0	1.0	2.1
	3HD1	0.7	0.9	0.5	3.7	7.1	1.3	2.5	1.9	2.0	1.0	1.0	2.5
	3HD2	0.4	0.5	0.5	4.1	6.2	1.1	2.2	2.5	1.4	0.9	0.7	1.8
	3J	0.5	4.4	2.7	2.6	2.1	0.2	0.7	0.1	0.3	1.3	4.6	3.2
	3K	1.0	3.3	0.8	3.6	6.0	1.2	3.6	1.5	1.1	1.4	4.1	3.6
	3LA	1.4	3.2	0.8	3.3	3.6	0.4	1.6	0.7	1.0	1.2	3.5	3.9
	3LB	0.9	1.3	0.5	4.0	7.3	1.3	2.4	1.8	1.7	1.0	1.2	2.7
	3MA-1	0.9	5.4	1.8	3.4	2.4	0.3	1.1	0.3	1.0	2.0	4.4	3.6
	3MA-2	1.0	4.1	0.7	3.3	4.1	0.6	2.3	1.1	1.2	1.6	4.2	3.6
	3MB	1.2	3.3	0.6	4.1	5.2	1.1	3.2	1.3	1.0	1.1	4.1	4.4
	3MC	0.9	2.9	0.7	3.4	6.1	1.1	3.7	1.7	1.0	1.4	4.0	3.5
	3MD1	1.2	3.3	1.0	6.1	6.6	1.6	3.8	1.5	1.2	1.0	3.7	4.6
	3MD2	1.2	3.5	1.0	5.5	6.3	1.7	4.1	1.2	1.2	1.1	4.5	4.0
	3N	0.4	3.5	2.6	5.8	1.4	0.1	0.1	0.0	0.1	1.7	5.2	4.1

Monthly Rainfall by Sub-basin

Year 2025 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.8	2.4	5.5	8.4	7.4	0.9	1.3	0.8	1.0	2.9	4.9	3.6
	4AB	0.9	3.0	4.9	8.1	6.0	1.6	1.9	1.0	1.5	2.9	3.9	2.7
	4AC	0.9	3.5	5.5	9.2	6.4	2.0	2.1	1.3	1.6	3.4	4.4	2.5
	4AD	0.8	3.7	6.1	10.2	6.9	2.4	2.3	1.6	1.8	4.1	5.0	2.3
	4BA	0.8	3.1	6.1	10.9	7.2	1.0	1.2	0.9	0.8	3.2	6.1	2.4
	4BB	0.7	2.6	6.1	9.5	8.0	0.8	1.2	0.9	0.9	2.9	5.7	3.6
	4BC	0.7	2.8	6.1	10.9	6.9	0.7	0.9	0.7	0.6	3.0	6.9	2.3
	4BD	0.7	4.0	6.7	12.0	7.0	2.2	1.9	1.7	1.5	4.4	6.2	1.9
	4BE	0.6	3.9	6.7	13.1	5.9	1.7	1.4	1.4	1.0	4.1	6.8	1.5
	4BF	0.5	3.8	6.0	13.2	3.8	0.8	0.6	0.4	0.4	2.7	6.1	1.2
	4BG	0.9	3.1	6.3	12.4	2.5	0.3	0.3	0.1	0.2	1.7	5.9	1.1
	4CA	0.4	4.8	7.0	12.2	6.1	2.9	2.2	2.1	1.8	4.8	5.8	1.8
	4CB	0.4	4.9	6.9	13.4	5.6	2.3	1.7	1.8	1.3	4.6	6.0	1.8
	4CC	0.6	3.8	6.5	12.1	2.0	0.4	0.3	0.1	0.2	1.9	4.7	1.5
	4DA	0.7	2.6	6.3	11.0	5.8	0.6	0.8	0.7	0.6	2.9	7.0	1.9
	4DB	0.5	2.8	6.7	11.1	6.5	0.7	0.9	0.9	0.8	4.0	8.0	1.9
	4DC	0.4	3.0	6.9	11.3	7.1	0.8	1.0	1.1	0.9	4.8	8.7	2.1
	4DD	1.4	2.6	6.5	10.4	3.3	0.4	0.4	0.5	0.4	2.3	5.3	0.8
	4DE	1.5	2.9	6.1	10.3	1.4	0.1	0.2	0.1	0.1	1.3	3.8	1.1
	4EA	0.6	3.2	7.7	12.4	6.4	0.6	0.8	0.5	1.0	6.0	10.9	2.6
	4EB	0.5	3.5	7.1	12.1	7.6	0.8	1.0	0.8	1.2	6.2	11.0	2.7
	4EC	0.8	3.1	6.5	11.0	5.6	0.6	0.8	0.8	0.8	4.4	8.0	1.9
	4ED	1.8	2.2	5.3	9.1	2.2	0.1	0.2	0.2	0.2	3.1	4.9	2.1
	4FA	0.9	2.4	8.1	12.2	5.1	0.4	0.5	0.2	0.7	5.4	9.9	2.7
	4FB	1.0	1.8	7.6	11.6	4.4	0.3	0.4	0.2	0.4	4.6	8.9	2.9
	4GA	0.8	1.0	5.9	9.1	2.9	0.2	0.2	0.1	0.3	3.3	6.6	2.5
	4GB	0.7	0.9	4.5	7.3	2.3	0.1	0.2	0.1	0.1	2.6	4.9	2.5
	4GC	0.4	0.3	1.5	2.3	1.5	0.0	0.3	0.4	0.2	1.1	1.4	2.1
	4GD	0.7	0.8	2.0	3.4	1.7	0.1	0.4	0.5	0.3	1.7	2.3	2.3
	4GE	1.0	1.4	2.0	3.9	1.9	0.1	0.3	0.4	0.3	2.8	3.9	3.2
	4GF	0.8	1.6	1.2	2.8	2.9	0.2	0.7	0.9	0.5	2.4	3.3	3.4
	4GG	0.5	0.4	0.6	3.1	5.6	0.8	2.1	2.3	1.2	1.0	1.0	2.5
	4HA	0.9	3.3	2.2	5.1	1.3	0.1	0.1	0.0	0.2	4.2	6.1	5.1
	4HB	0.5	2.0	0.7	2.5	2.0	0.2	0.6	0.8	0.4	2.0	3.2	4.1
	4HC	0.9	2.1	0.9	2.6	2.1	0.2	0.8	0.7	0.6	1.4	2.8	3.1
	4JA	0.4	0.4	1.1	2.0	3.9	0.3	0.7	0.7	0.4	0.9	0.9	1.3
	4JB	0.4	0.4	0.9	2.7	8.5	1.0	1.9	1.4	1.0	0.6	0.9	1.7
	4KA	0.5	0.4	0.9	2.4	7.1	0.8	1.5	1.2	0.8	0.7	0.9	1.5
	4KB	0.6	0.5	1.0	2.4	7.2	0.7	1.6	1.5	0.9	0.8	1.0	1.9
ENNCA	5AA	0.4	2.0	3.9	5.1	3.9	2.5	3.9	2.5	1.7	0.8	2.1	0.6
	5AB	0.5	2.2	3.4	5.2	3.1	2.0	3.8	2.1	1.7	0.9	1.9	0.6
	5AC	0.4	2.5	2.4	4.9	2.7	1.3	2.7	1.5	1.0	0.6	1.6	0.3
	5AD	0.5	2.3	2.4	4.7	2.2	1.1	2.9	1.1	1.2	1.0	1.5	0.5
	5BA	0.9	2.4	4.0	6.7	5.0	1.3	1.8	0.6	1.3	2.5	3.1	2.5
	5BB	0.8	2.4	3.6	6.3	3.9	1.6	2.5	0.9	1.6	2.3	2.7	1.6
	5BC-1	0.7	2.0	3.2	5.4	3.4	1.2	2.0	0.7	1.2	2.1	2.5	1.5
	5BC-2	0.5	2.1	2.0	4.3	2.3	1.0	2.2	0.6	1.0	1.4	1.7	0.6
	5BD	0.6	2.2	2.9	5.0	2.4	1.4	3.3	1.3	1.5	1.2	1.7	0.6
	5BE	0.6	1.7	3.5	5.7	3.1	0.9	1.1	0.3	0.9	2.7	3.7	1.4
	5CA	0.4	1.5	1.2	4.0	3.3	1.2	3.6	0.9	0.8	0.4	2.0	0.1
	5CB	0.7	0.8	2.1	3.7	3.0	1.1	3.1	0.4	0.8	0.4	2.6	0.4
	5CC	1.1	0.7	3.0	4.3	3.3	1.2	2.8	0.3	0.6	0.5	2.9	0.3
	5DA	1.0	1.2	5.2	7.6	2.3	0.5	0.3	0.0	0.6	3.1	6.4	1.7
	5DB	0.7	1.5	3.1	5.0	2.1	0.8	0.9	0.2	0.6	2.1	3.9	1.1
	5DC	0.4	1.9	1.6	3.8	2.9	1.1	2.6	0.6	0.7	0.7	1.9	0.4
	5DD	0.5	1.3	1.9	4.0	2.8	0.9	2.4	0.4	0.7	0.8	2.8	0.8
	5EA	0.3	0.3	2.3	4.0	2.9	0.3	0.1	0.1	0.2	2.5	0.7	0.6
	5EB	0.6	0.7	3.1	5.4	5.0	0.5	0.1	0.2	0.2	3.0	1.0	0.9
	5EC	0.8	1.0	3.6	7.0	5.6	0.8	0.7	0.2	0.3	2.4	2.7	1.3
	5ED	0.7	0.8	5.0	7.9	3.1	0.3	0.2	0.1	0.2	2.9	5.3	1.9
	5FA	0.3	0.4	2.6	4.1	2.0	0.1	0.2	0.2	0.2	1.7	2.4	1.6
	5FB	0.1	0.2	1.7	2.8	1.3	0.0	0.1	0.2	0.1	2.0	1.3	1.3
	5G	0.3	0.2	2.1	4.3	2.4	0.3	0.1	0.1	0.2	2.3	0.7	0.2
	5HA	0.1	0.0	1.2	3.2	1.5	0.3	0.0	0.0	0.1	1.0	0.8	0.1
	5HB	0.3	0.2	1.5	3.5	2.5	0.5	0.0	0.1	0.2	1.4	0.8	0.1
	5J	1.0	0.6	3.0	5.6	4.0	0.7	0.5	0.1	0.2	1.4	1.5	0.6

Monthly Rainfall by Sub-basin

Year 2026 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.6	1.6	4.9	9.9	6.3	3.6	3.3	4.7	3.8	3.8	4.2	3.0
	1AB	0.4	1.0	4.0	8.9	5.3	3.7	3.2	4.6	3.0	3.5	2.9	2.2
	1AC	0.5	1.2	4.1	9.6	6.1	3.8	2.9	4.6	3.7	3.9	3.4	3.0
	1AD	0.7	2.2	5.8	11.0	7.6	3.6	3.7	4.7	4.7	4.5	5.4	4.3
	1AE	1.0	2.9	7.4	12.0	8.7	3.1	3.7	4.3	5.4	5.1	6.3	5.4
	1AF	0.8	2.0	5.5	11.1	7.4	3.5	3.5	4.6	4.7	4.5	5.2	3.8
	1AG	1.0	2.0	5.4	11.0	7.2	3.5	3.8	4.7	5.0	4.7	5.3	3.6
	1AH	1.0	2.6	6.6	11.2	7.4	3.2	3.7	4.3	5.2	4.7	6.2	4.7
	1BA	0.2	0.3	3.1	8.1	4.1	5.5	3.3	2.1	1.5	1.9	1.4	0.9
	1BB	0.1	0.5	3.1	7.3	4.1	6.2	4.2	2.8	2.0	2.5	1.2	0.8
	1BC	0.1	0.8	3.0	6.2	4.5	6.7	4.5	3.5	2.5	3.0	1.0	0.7
	1BD	0.3	0.6	3.0	7.0	3.6	4.3	4.2	3.3	2.5	2.2	1.3	1.7
	1BE	0.2	0.8	3.3	6.3	4.0	4.9	4.7	4.1	2.4	3.0	1.1	1.1
	1BG	0.3	0.8	3.3	6.7	4.0	4.2	4.4	4.5	2.7	3.2	1.3	1.6
	1BH	0.4	0.8	3.3	7.2	4.3	4.0	3.9	4.6	3.0	3.2	1.7	2.0
	1CA	0.3	0.5	2.4	6.9	3.9	4.4	3.6	2.2	2.3	1.7	1.3	1.7
	1CB	0.3	0.6	2.1	6.3	4.2	4.4	3.8	2.2	2.8	1.7	1.3	1.8
	1CC	0.4	0.8	2.3	6.2	4.8	5.4	4.8	2.5	3.0	1.6	1.6	1.3
	1CD	0.4	1.2	3.0	6.5	4.7	4.6	4.8	3.4	4.4	2.5	1.7	3.2
	1CE	0.5	1.1	3.1	6.9	4.5	4.2	4.3	4.1	4.7	3.1	1.7	3.5
	1DA	0.6	1.4	3.6	8.2	6.2	4.2	4.1	4.0	5.6	4.3	2.4	4.6
	1DB	0.4	0.9	3.5	8.3	5.1	3.9	3.5	4.5	3.4	3.5	2.4	2.5
	1DC	0.7	1.3	3.9	9.6	6.4	3.8	3.5	4.3	4.7	4.5	3.3	3.4
	1DD	0.8	1.5	4.4	10.4	6.7	3.7	3.6	4.5	4.7	4.6	4.3	3.2
	1EA	1.0	1.9	4.1	8.5	7.2	4.0	5.2	3.4	6.6	5.2	2.4	5.2
	1EB	1.4	1.8	4.4	10.2	7.7	3.3	4.7	3.4	6.8	6.1	3.0	4.7
	1EC	0.9	1.7	4.1	9.1	7.3	4.0	4.5	3.8	6.6	5.5	3.0	5.3
	1ED	1.2	1.9	4.6	10.3	6.9	3.6	4.6	4.5	5.7	5.2	4.8	3.8
	1EE	1.2	2.2	5.4	10.2	6.1	3.6	4.5	4.9	5.0	4.6	6.3	3.5
	1EF	1.2	2.1	5.8	10.3	6.1	3.2	3.7	4.1	4.8	4.6	5.8	4.1
	1EG	1.5	2.1	5.1	9.7	5.7	3.4	4.6	4.2	5.1	4.9	5.5	3.6
	1FA	0.5	1.0	2.6	6.5	5.2	6.4	5.9	3.1	3.6	1.6	1.8	1.1
	1FB	0.7	1.7	3.6	6.8	5.7	5.0	5.9	3.5	4.5	2.9	2.1	3.1
	1FC	0.9	1.9	3.9	7.1	6.2	5.2	6.4	3.6	4.3	3.0	2.4	2.8
	1FD	0.9	1.8	4.0	6.7	5.8	6.2	6.8	3.8	3.8	2.0	2.1	2.0
	1FE	1.5	2.3	4.9	8.9	6.9	3.6	5.2	3.0	5.7	4.8	3.0	4.2
	1FF	1.8	2.5	5.6	9.6	6.0	2.9	4.3	2.5	5.1	4.6	3.6	3.8
	1FG	1.5	1.9	5.4	9.3	4.9	2.8	3.1	2.9	4.6	4.8	4.6	4.1
LVSCA	1GA	0.7	1.4	3.9	6.7	4.9	5.7	5.1	3.1	4.0	1.4	1.8	2.3
	1GB	1.4	2.3	5.0	6.4	5.7	4.7	5.2	2.8	3.2	2.0	2.0	2.9
	1GC	0.6	1.2	3.2	6.9	4.2	3.4	3.5	3.6	4.4	1.7	2.0	2.8
	1GD	1.7	2.6	5.7	7.1	5.4	2.9	3.3	1.8	3.5	2.0	2.2	3.7
	1GE	1.5	2.7	4.8	8.3	5.7	2.5	3.3	2.1	3.8	2.2	2.5	3.3
	1GF	1.6	3.0	4.8	8.2	4.8	2.3	3.2	1.6	3.3	2.5	3.0	3.4
	1GG	0.8	1.6	4.5	7.2	4.8	3.8	3.7	2.9	4.4	1.5	1.9	3.1
	1HA1	1.9	2.9	5.7	8.2	5.3	2.9	4.1	1.9	3.6	3.0	3.0	3.3
	1HA2	1.9	2.9	5.5	7.2	4.7	2.8	3.5	1.6	2.9	2.2	2.8	3.2
	1HB1	1.7	2.0	5.5	9.1	4.5	2.7	2.9	2.3	4.4	4.4	4.0	3.8
	1HB2	2.1	2.8	6.2	9.4	5.1	2.4	3.3	1.5	4.2	3.7	3.4	3.6
	1HC	1.6	1.6	5.4	8.7	3.9	2.8	2.1	2.2	3.8	4.7	4.0	4.1
	1HD	1.7	2.9	5.2	9.1	4.8	3.1	3.3	1.8	2.9	4.0	3.6	4.7
	1HE	1.8	2.5	5.8	9.8	4.8	3.6	3.0	1.7	3.0	5.0	4.1	5.3
	1HF	1.7	1.9	5.4	8.5	3.5	3.0	1.1	1.4	2.6	5.1	3.9	5.3
	1HG	1.7	2.0	5.0	8.3	3.5	2.5	0.9	1.4	2.5	4.9	3.8	5.2
	1JA	0.9	2.2	3.5	8.3	5.3	2.8	3.5	3.6	4.0	2.5	2.7	3.5
	1JB	1.1	3.0	4.3	10.1	6.7	2.7	3.9	3.1	4.2	2.6	2.8	3.6
	1JC	1.0	2.4	4.3	10.0	6.7	2.8	3.8	3.4	4.9	2.4	2.4	3.2
	1JD	1.1	3.1	4.1	10.0	6.6	2.6	3.8	3.0	4.2	2.5	2.7	3.4
	1JE	1.5	2.8	4.6	7.8	4.7	2.5	2.7	2.7	2.1	3.5	4.6	5.6
	1JF	1.3	2.8	3.7	8.1	5.1	2.7	3.2	3.3	2.8	2.7	3.4	4.3
	1JG1	1.4	3.2	4.2	8.8	5.4	2.6	3.4	2.4	3.1	2.8	3.1	4.0
	1JG2	1.7	3.2	5.3	8.8	4.7	2.7	3.5	1.5	3.0	3.4	3.5	4.2
	1KA	1.6	2.5	5.7	9.8	4.9	3.6	2.9	1.6	3.0	5.9	4.8	6.4
	1KB	1.5	2.8	5.3	8.5	4.2	2.6	2.0	1.5	2.6	5.4	4.9	6.5
	1KC	1.1	2.8	5.7	8.2	4.4	2.3	1.9	1.5	2.8	5.3	5.8	7.5
	1LA1	1.2	2.2	3.5	7.1	4.3	2.7	3.1	3.4	2.6	2.7	3.6	4.4
	1LA2	1.2	2.5	5.5	7.9	4.5	2.4	2.0	2.1	2.3	3.7	4.8	7.4
	1LA3	1.6	1.5	2.8	5.3	3.6	1.5	0.8	0.8	1.0	2.0	2.9	5.1
	1LB1	1.3	2.0	3.2	6.2	3.6	2.4	2.5	2.9	1.9	2.5	3.5	4.7
	1LB2	1.5	1.7	3.3	5.2	3.5	1.7	1.0	1.2	1.1	2.2	3.2	5.6

Monthly Rainfall by Sub-basin

Year 2026 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.5	2.5	3.5	0.4	0.7	0.0	0.0	0.1	0.6	1.1	0.5
	2AB	0.0	0.3	2.8	2.8	0.4	0.7	0.0	0.0	0.0	0.1	0.9	0.3
	2BA	0.1	0.7	2.8	6.0	4.1	7.0	3.6	2.9	2.2	2.4	0.9	0.5
	2BB	0.1	0.5	2.9	4.8	3.0	5.2	2.5	2.0	1.5	1.3	0.6	0.5
	2BC	0.1	0.6	3.1	5.2	3.0	5.5	2.9	2.4	1.6	1.6	0.7	0.6
	2BD	0.0	0.2	2.8	3.4	0.8	1.6	0.5	0.3	0.3	0.3	0.4	0.2
	2CA	0.0	0.2	2.7	3.1	0.5	1.1	0.2	0.2	0.2	0.3	0.4	0.2
	2CB	0.3	0.4	2.5	8.9	4.5	5.5	2.8	2.2	2.0	1.7	1.6	1.0
	2CC	0.1	0.7	2.9	4.9	1.9	3.1	1.3	1.0	0.9	1.3	0.6	0.4
	2D	0.2	1.1	2.6	5.3	2.0	4.0	2.1	1.4	1.5	2.1	1.2	1.0
	2EA	0.1	0.5	1.0	6.5	3.6	5.8	2.6	3.6	3.4	1.4	1.6	2.1
	2EB	0.2	0.5	1.2	6.6	3.7	5.8	2.5	3.2	3.2	1.4	1.5	2.0
	2EC	0.1	0.4	1.2	6.0	3.5	4.8	2.8	3.9	3.3	1.6	1.5	2.1
	2ED	0.2	0.4	1.3	6.0	3.4	5.6	3.7	3.4	3.4	1.0	1.5	1.5
	2EE	0.2	0.5	1.6	7.2	4.3	6.2	2.3	2.7	2.2	1.2	1.2	1.7
	2EF	0.2	0.5	1.2	5.8	3.4	5.4	2.8	3.5	3.2	1.0	1.3	1.9
	2EG1	0.2	0.3	1.4	5.3	2.8	3.9	3.1	4.3	3.6	1.8	1.6	2.2
	2EG2	0.2	0.5	1.4	6.5	3.9	5.7	2.5	3.3	2.9	1.1	1.2	2.0
	2EH	0.2	0.5	2.5	9.3	4.5	5.8	2.7	2.6	2.5	1.4	1.3	1.2
	2EJ	0.1	0.4	1.8	5.7	3.6	4.2	2.9	1.6	2.2	0.9	1.3	1.9
	2EK	0.2	0.5	1.6	6.1	4.0	5.0	2.6	2.2	2.6	1.0	1.3	2.1
	2FA	0.1	0.5	1.3	5.4	3.6	2.5	2.8	2.9	2.2	2.5	1.7	2.7
	2FB	0.1	0.4	1.1	6.3	3.5	4.8	3.1	3.7	3.2	1.6	1.6	2.2
	2FC	0.1	0.5	1.4	5.5	3.6	3.6	2.9	3.6	2.5	2.2	1.6	2.7
	2GA	0.2	0.5	1.4	5.3	3.3	2.2	2.1	2.7	2.0	2.7	1.9	2.4
	2GB	0.2	0.5	1.4	6.1	3.4	2.5	2.3	2.7	2.4	2.4	2.0	2.4
	2GC	0.7	1.0	2.3	8.9	5.3	2.2	1.1	2.1	1.8	3.5	3.9	2.7
	2GD	0.5	0.9	1.9	6.6	4.7	1.8	1.1	2.2	1.4	3.6	3.1	2.8
	2H-1	1.1	0.7	1.9	7.2	5.0	0.9	0.3	0.6	0.4	1.7	4.6	3.2
	2H-2	1.0	0.5	2.2	7.8	4.7	0.5	0.1	0.2	0.1	0.9	5.4	3.5
	2H-3	1.2	0.5	1.6	7.6	3.7	0.3	0.0	0.1	0.0	0.6	6.1	3.3
	2J	0.0	0.3	2.9	2.8	0.4	0.7	0.1	0.0	0.0	0.2	0.8	0.3
	2KA	1.4	1.2	1.7	4.8	3.1	1.5	1.2	1.5	1.0	1.5	2.3	3.6
	2KB	1.7	0.9	1.1	4.9	3.8	0.7	0.3	0.3	0.2	0.7	2.2	3.0
	2KC	1.6	0.7	1.2	5.7	3.9	0.5	0.2	0.1	0.1	0.6	2.9	3.1
ACA	3AA	0.8	0.4	3.0	8.7	5.6	0.6	0.0	0.2	0.1	1.0	6.5	3.8
	3AB	1.3	0.3	1.9	8.1	3.3	0.2	0.0	0.1	0.1	0.8	6.5	3.7
	3AC	1.5	0.3	3.6	10.6	3.9	0.3	0.1	0.2	0.1	1.5	8.9	4.0
	3BA	0.8	0.5	3.9	10.4	6.6	0.8	0.1	0.4	0.2	1.9	7.8	3.8
	3BB	0.8	0.6	4.5	11.1	7.0	1.0	0.2	0.5	0.3	2.6	8.0	3.8
	3BC	0.9	0.8	4.4	11.9	7.9	1.4	0.3	0.7	0.5	3.5	8.0	3.8
	3BD	0.9	0.8	4.5	11.7	7.2	1.3	0.3	0.7	0.5	3.4	8.0	3.6
	3CB	1.0	0.7	4.3	12.3	6.6	1.1	0.2	0.6	0.4	3.2	8.6	3.5
	3DA	2.0	0.1	3.9	12.5	3.0	0.2	0.1	0.1	0.1	2.1	11.6	4.4
	3DB	1.8	0.0	2.6	13.3	3.2	0.1	0.1	0.2	0.1	1.8	14.3	4.8
	3EA	2.2	0.1	2.6	10.5	2.9	0.2	0.1	0.1	0.1	1.4	10.1	4.7
	3EB	2.3	0.1	2.2	12.0	3.2	0.1	0.1	0.3	0.1	1.9	12.8	4.8
	3EC	2.1	0.1	1.9	11.6	3.3	0.1	0.1	0.3	0.2	1.8	13.2	4.4
	3ED	1.7	0.0	2.1	12.3	3.3	0.1	0.1	0.4	0.2	1.9	15.5	4.6
	3FA	1.3	0.1	1.4	8.2	2.5	0.1	0.0	0.1	0.1	1.6	9.9	3.9
	3FB	1.1	0.1	0.9	5.3	1.8	0.1	0.0	0.2	0.0	2.2	7.8	5.1
	3G	2.2	0.1	1.5	4.4	2.3	0.1	0.0	0.2	0.0	2.2	6.2	3.8
	3HA	1.7	0.1	0.9	2.6	3.1	0.1	0.1	0.3	0.0	1.1	7.0	5.9
	3HB	0.8	0.0	1.5	3.2	6.0	0.8	0.3	0.9	0.4	0.8	5.2	4.9
	3HC	0.2	0.0	1.8	5.2	12.9	1.7	0.8	1.6	0.8	0.5	3.8	3.3
	3HD1	0.3	0.0	1.8	5.2	14.1	1.6	0.9	1.6	0.9	0.5	3.9	3.2
	3HD2	0.3	0.0	1.4	6.6	16.6	1.6	1.1	1.6	0.9	0.5	3.3	3.2
	3J	2.6	0.1	2.1	4.5	4.8	0.2	0.1	0.2	0.0	1.7	4.9	3.8
	3K	0.9	0.0	1.9	8.8	12.1	1.0	0.6	1.8	1.0	0.9	4.6	3.6
	3LA	0.8	0.0	1.8	3.9	6.7	1.0	0.2	1.0	0.4	0.9	4.9	4.9
	3LB	0.3	0.0	1.7	5.9	13.1	2.0	0.8	1.6	0.9	0.5	3.6	3.4
	3MA-1	2.1	0.1	1.5	4.9	6.7	0.2	0.1	0.6	0.1	1.5	6.2	5.1
	3MA-2	1.1	0.0	1.9	5.5	8.5	0.5	0.3	1.3	0.5	1.0	5.4	4.3
	3MB	0.7	0.0	2.2	7.8	10.6	1.0	0.5	1.8	0.8	1.0	4.0	3.6
	3MC	0.9	0.0	2.1	8.4	12.2	1.0	0.6	1.9	0.9	0.9	4.9	3.2
	3MD1	1.3	0.0	2.2	10.6	14.3	1.6	0.5	1.9	0.9	1.3	2.9	5.0
	3MD2	0.7	0.0	1.4	11.3	14.1	1.3	0.6	2.1	1.2	1.0	3.1	3.8
	3N	1.7	0.2	1.5	6.5	2.2	0.1	0.0	0.0	0.0	1.9	7.6	3.4

Monthly Rainfall by Sub-basin

Year 2026 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.7	0.6	2.5	14.3	9.4	2.6	0.3	0.4	0.8	2.9	6.3	5.0
	4AB	0.9	0.9	2.4	13.2	7.9	2.6	0.5	0.8	0.9	3.0	4.5	4.2
	4AC	1.0	1.2	2.5	13.6	8.5	2.4	0.5	0.9	1.0	3.5	4.8	4.0
	4AD	1.2	1.3	2.7	14.0	9.3	2.6	0.5	1.0	1.1	4.3	5.8	3.9
	4BA	1.2	0.7	2.6	14.1	10.3	2.0	0.2	0.4	0.9	3.4	7.5	3.9
	4BB	0.7	0.5	2.5	14.5	10.2	2.1	0.2	0.4	0.8	2.8	6.7	4.8
	4BC	0.8	0.3	3.0	13.7	9.2	1.6	0.1	0.4	0.9	2.8	8.6	3.8
	4BD	1.4	1.2	2.9	14.7	10.2	2.5	0.4	0.8	1.1	4.9	7.8	3.7
	4BE	1.3	1.0	3.6	14.7	9.6	2.0	0.3	0.6	1.0	4.8	9.0	3.3
	4BF	1.1	0.3	4.1	13.3	6.9	1.0	0.1	0.3	0.6	3.1	9.6	3.1
	4BG	1.0	0.1	5.1	13.9	5.2	0.6	0.0	0.3	0.6	2.9	10.3	3.3
	4CA	1.3	1.4	3.6	13.5	9.1	2.4	0.6	1.3	1.2	5.5	7.7	3.4
	4CB	1.4	1.3	3.9	14.4	9.5	2.2	0.4	0.8	0.9	5.3	8.9	3.5
	4CC	1.4	0.2	5.0	13.2	4.3	0.4	0.1	0.3	0.3	2.5	10.8	3.6
	4DA	0.5	0.2	3.8	14.1	7.7	1.4	0.2	0.5	0.9	2.9	9.3	3.7
	4DB	0.5	0.2	3.7	14.2	7.6	1.6	0.3	0.6	1.0	3.1	10.7	3.7
	4DC	0.4	0.1	3.7	14.4	7.6	1.6	0.3	0.7	1.1	3.2	11.7	3.8
	4DD	0.4	0.0	5.8	14.2	6.1	1.0	0.2	1.0	1.0	2.9	11.6	3.3
	4DE	0.9	0.0	6.0	13.9	4.0	0.4	0.1	0.8	0.4	2.6	11.7	3.8
	4EA	0.5	0.2	4.5	16.3	6.1	1.6	0.3	0.2	0.9	4.0	13.0	5.3
	4EB	0.4	0.2	4.3	16.3	7.6	1.5	0.3	0.5	1.2	4.0	13.8	4.8
	4EC	0.3	0.1	5.1	15.5	6.4	1.1	0.2	0.8	1.1	3.0	13.4	4.2
	4ED	0.4	0.0	5.3	15.0	3.6	0.4	0.1	0.7	0.4	1.9	14.1	4.5
	4FA	0.4	0.2	4.8	15.9	4.4	1.3	0.2	0.1	0.6	3.5	11.9	5.7
	4FB	0.3	0.1	4.9	16.2	3.3	0.9	0.1	0.1	0.4	2.5	11.6	6.0
	4GA	0.3	0.1	3.7	14.9	2.0	0.9	0.0	0.0	0.2	1.8	8.8	5.9
	4GB	0.3	0.0	2.9	12.9	1.6	0.4	0.0	0.1	0.1	1.1	8.3	5.7
	4GC	0.1	0.0	0.9	7.9	0.9	0.1	0.1	0.2	0.1	0.4	4.4	4.7
	4GD	0.2	0.0	1.6	8.2	2.0	0.4	0.2	0.4	0.2	0.7	6.7	4.4
	4GE	0.3	0.0	2.1	9.3	2.6	0.5	0.2	0.5	0.2	0.8	10.6	4.2
	4GF	0.3	0.0	1.4	7.0	4.5	0.9	0.4	0.7	0.3	0.8	9.3	4.0
	4GG	0.1	0.0	1.2	5.8	13.9	1.8	1.0	1.4	0.7	0.5	3.8	4.2
	4HA	0.8	0.0	2.1	9.6	2.4	0.1	0.1	0.2	0.1	1.4	13.6	4.7
	4HB	0.4	0.0	1.3	5.4	4.1	0.7	0.3	0.6	0.3	1.0	9.7	4.3
	4HC	0.9	0.0	1.3	3.2	4.8	0.5	0.3	0.7	0.2	1.1	6.7	4.9
	4JA	0.1	0.0	0.5	5.1	5.5	1.0	0.2	0.5	0.2	0.5	3.0	3.3
	4JB	0.1	0.0	0.4	6.0	16.0	2.2	0.8	1.0	0.4	0.5	1.8	3.3
	4KA	0.1	0.0	0.5	5.4	12.5	1.9	0.6	0.9	0.3	0.5	2.3	3.2
	4KB	0.1	0.0	0.6	5.7	12.0	1.9	0.7	1.0	0.4	0.5	2.9	3.6
ENNCA	5AA	0.1	0.3	0.9	6.0	2.7	4.8	2.4	2.7	3.3	1.9	2.3	2.0
	5AB	0.2	0.2	1.0	5.6	2.3	4.0	2.1	2.1	2.8	2.1	2.5	2.0
	5AC	0.2	0.2	1.1	4.9	2.2	4.2	1.7	1.1	2.1	1.5	2.1	2.3
	5AD	0.3	0.2	1.2	5.2	2.0	4.0	1.6	1.3	2.2	1.9	2.6	2.1
	5BA	0.7	0.7	2.3	11.9	6.6	3.1	0.8	0.9	1.1	2.5	3.7	4.1
	5BB	0.6	0.6	2.0	10.0	4.8	3.1	1.3	1.3	1.5	2.3	3.4	3.3
	5BC-1	0.5	0.4	1.9	8.6	4.3	3.8	1.1	1.0	1.5	2.8	4.2	3.2
	5BC-2	0.4	0.2	1.5	5.8	2.2	4.4	1.1	0.8	1.6	2.3	3.6	2.3
	5BD	0.3	0.3	1.2	5.7	2.3	3.9	1.7	1.7	2.5	2.1	2.8	2.1
	5BE	0.5	0.4	2.1	8.8	3.9	4.0	0.7	0.4	0.8	3.8	6.9	3.7
	5CA	0.1	0.3	1.4	4.4	1.4	4.8	2.0	1.4	2.0	1.3	1.7	1.8
	5CB	0.2	0.9	1.8	4.4	0.7	4.4	1.5	1.1	1.6	2.1	2.5	1.9
	5CC	0.3	1.3	2.2	4.5	0.8	4.0	1.7	1.0	1.3	2.6	1.9	1.6
	5DA	0.3	0.4	3.3	10.0	2.5	2.1	0.3	0.1	0.3	4.0	8.5	3.9
	5DB	0.4	0.4	2.3	7.8	2.3	3.6	0.6	0.3	0.7	3.2	6.1	2.9
	5DC	0.2	0.1	1.5	5.6	1.4	4.5	1.4	0.7	1.6	1.4	2.7	2.3
	5DD	0.3	0.3	1.9	5.6	1.0	4.1	0.9	0.8	1.4	1.8	3.3	2.2
	5EA	0.1	0.2	0.8	5.2	0.6	0.3	0.1	0.0	0.1	1.0	2.3	2.4
	5EB	0.1	0.2	1.1	6.8	0.7	0.4	0.2	0.0	0.1	1.1	3.2	2.6
	5EC	0.2	0.5	2.1	6.8	0.6	1.3	0.3	0.2	0.3	1.7	4.2	2.4
	5ED	0.2	0.2	2.8	10.5	1.2	0.9	0.1	0.0	0.1	1.7	5.7	4.4
	5FA	0.1	0.0	1.2	7.9	0.9	0.4	0.1	0.1	0.1	0.6	3.8	4.2
	5FB	0.1	0.0	0.7	5.9	0.4	0.2	0.0	0.1	0.0	0.5	2.3	3.1
	5G	0.0	0.2	0.5	4.4	1.0	0.4	0.1	0.0	0.1	1.5	1.9	1.2
	5HA	0.0	0.1	0.2	1.9	1.2	0.7	0.1	0.0	0.0	1.8	1.0	0.3
	5HB	0.0	0.2	0.3	3.1	1.3	0.8	0.1	0.0	0.1	1.8	1.4	0.4
	5J	0.2	0.6	1.8	5.3	0.5	0.9	0.2	0.1	0.2	1.6	2.4	1.2

Monthly Rainfall by Sub-basin

Year 2027 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.5	3.5	6.1	7.0	8.8	3.5	2.4	5.0	3.4	5.1	7.4	0.9
	1AB	2.0	3.6	6.4	7.0	8.5	3.7	2.1	5.2	3.2	4.7	7.3	0.9
	1AC	2.7	3.7	7.3	6.3	9.2	4.1	2.3	4.7	3.8	5.4	8.2	1.0
	1AD	3.1	3.6	6.7	6.3	10.2	3.6	2.7	4.1	3.7	5.7	7.9	0.9
	1AE	3.3	3.4	5.5	7.2	10.5	3.0	2.9	4.8	3.5	5.9	7.9	0.7
	1AF	3.0	3.7	6.7	6.4	10.1	3.4	2.7	3.9	3.8	5.7	7.6	1.0
	1AG	2.8	3.7	6.6	6.4	9.9	3.1	2.8	3.6	3.5	5.4	6.9	1.0
	1AH	3.1	3.3	5.7	6.4	9.3	2.7	2.8	4.1	3.0	5.0	6.7	0.7
	1BA	0.7	2.8	3.1	4.7	8.6	4.5	0.9	3.5	0.8	1.4	7.9	0.4
	1BB	0.6	2.9	3.1	4.9	8.9	4.7	1.2	4.3	0.9	2.0	7.0	0.5
	1BC	0.5	2.9	3.5	5.4	9.2	5.2	1.3	4.8	1.1	2.6	6.4	0.7
	1BD	1.2	3.0	3.9	5.9	7.8	4.1	1.4	5.7	1.4	2.4	7.1	0.6
	1BE	0.7	3.1	4.0	6.3	8.3	4.1	1.3	5.3	1.6	2.9	6.3	0.7
	1BG	1.0	3.3	4.9	7.0	7.8	3.9	1.5	6.3	1.9	3.4	6.7	0.7
	1BH	1.4	3.4	5.9	7.1	7.7	4.0	1.7	6.6	2.4	3.8	7.3	0.8
	1CA	1.6	2.8	3.8	4.6	7.9	4.3	1.3	4.5	1.1	1.8	7.4	0.7
	1CB	1.9	2.6	4.1	4.2	7.5	4.4	1.4	4.7	1.2	1.8	7.1	0.8
	1CC	1.7	2.8	4.1	4.1	7.1	4.5	1.5	3.9	1.1	1.3	6.8	0.8
	1CD	2.6	3.2	5.9	4.9	8.8	5.3	2.3	6.3	2.0	3.2	8.2	0.5
	1CE	2.4	3.2	6.3	6.2	7.7	5.2	2.3	8.2	2.4	3.8	8.8	0.7
	1DA	3.1	3.6	8.2	5.5	9.5	5.4	2.6	6.9	3.3	5.1	9.8	0.9
	1DB	2.1	3.6	6.8	6.6	8.5	4.1	2.1	5.7	3.1	4.6	7.8	0.9
	1DC	2.8	3.9	7.8	5.9	9.9	4.3	2.6	4.8	3.7	5.5	8.3	1.1
	1DD	2.8	3.9	7.4	6.0	10.0	3.7	2.7	3.9	3.8	5.6	7.6	1.2
	1EA	3.2	4.2	8.5	5.2	11.0	5.4	3.0	6.5	3.2	5.4	9.7	0.9
	1EB	2.9	4.3	8.1	5.9	11.7	4.4	3.2	5.5	3.6	5.9	8.5	1.3
	1EC	3.3	4.0	8.9	5.0	11.1	5.3	3.0	5.7	3.6	5.8	9.8	1.0
	1ED	2.8	3.9	7.3	5.8	10.1	3.4	3.0	4.0	3.1	5.1	6.8	1.0
	1EE	2.7	3.4	6.1	5.7	8.3	2.5	2.9	3.3	2.3	4.1	5.3	0.8
	1EF	2.8	3.3	5.9	5.7	8.3	2.5	2.7	3.5	2.4	4.2	5.7	0.8
	1EG	2.5	3.7	6.4	5.3	8.0	2.8	2.9	3.4	2.2	4.1	5.1	0.9
	1FA	1.5	3.1	4.6	4.5	7.0	4.9	1.8	3.8	1.1	1.0	7.0	0.7
	1FB	2.4	3.8	6.3	5.2	9.3	5.0	2.4	5.3	2.2	3.0	7.9	0.6
	1FC	2.2	4.0	6.4	5.6	9.0	4.7	2.4	5.0	2.2	2.8	7.8	0.7
	1FD	1.7	3.8	5.9	5.7	7.8	5.1	2.2	4.0	1.8	1.6	7.3	0.7
	1FE	2.7	4.6	7.4	5.6	9.6	4.6	2.7	4.8	3.2	5.2	7.6	1.1
	1FF	2.5	4.6	6.5	5.4	8.0	4.1	2.5	3.6	3.2	5.3	6.1	1.3
	1FG	2.6	3.6	6.2	4.8	7.1	2.7	2.6	3.2	2.1	3.9	5.2	1.0
LVSCA	1GA	1.6	3.6	5.5	5.3	6.8	5.4	1.9	3.2	1.6	1.5	7.1	0.8
	1GB	1.8	4.1	6.5	6.0	6.3	4.9	1.9	3.1	2.7	1.9	6.8	1.0
	1GC	2.3	3.5	5.1	5.4	6.1	5.0	2.2	4.6	2.0	1.9	6.9	1.0
	1GD	2.1	4.4	6.6	6.5	5.6	5.1	1.9	2.5	3.2	2.9	6.8	1.4
	1GE	2.6	4.2	5.8	6.5	5.8	5.3	2.5	3.2	3.3	2.8	6.1	1.4
	1GF	2.8	3.8	4.6	6.0	5.7	5.0	2.4	2.9	3.3	3.4	5.3	1.1
	1GG	2.0	4.1	6.1	5.8	6.5	5.2	2.1	3.6	2.3	2.2	7.4	1.2
	1HA1	2.3	4.6	5.6	5.7	6.3	4.6	1.9	2.9	3.3	4.8	5.7	1.2
	1HA2	2.2	4.2	5.2	5.6	5.1	4.6	1.6	2.4	3.2	3.8	5.4	1.1
	1HB1	2.4	4.0	6.1	4.8	6.4	3.1	2.2	2.7	2.5	4.2	5.1	1.2
	1HB2	2.3	4.7	5.8	5.2	6.0	4.5	1.8	2.3	3.4	5.7	5.4	1.4
	1HC	3.2	3.7	6.1	4.9	6.4	2.7	2.1	2.8	2.2	3.6	5.2	1.2
	1HD	4.5	4.6	5.6	6.5	7.0	5.5	3.1	3.1	3.9	4.5	6.8	1.1
	1HE	5.1	4.7	6.1	7.1	8.0	5.5	3.1	3.3	4.2	5.1	8.1	1.3
	1HF	4.2	3.4	5.3	7.2	7.4	3.3	1.3	2.5	3.0	3.4	7.5	1.3
	1HG	4.3	3.1	5.1	6.5	6.7	2.5	1.0	2.2	2.7	3.2	7.1	1.1
	1JA	2.7	3.9	5.7	6.3	6.0	5.9	2.7	4.2	2.8	2.3	6.5	1.2
	1JB	3.0	4.8	6.8	6.8	6.4	6.2	3.4	3.8	3.6	3.0	6.4	1.5
	1JC	2.9	4.8	6.9	6.6	6.6	6.0	3.3	4.4	3.4	3.1	7.0	1.7
	1JD	3.2	4.6	6.3	6.5	6.2	5.9	3.5	3.8	3.5	3.0	6.0	1.4
	1JE	3.9	4.5	6.0	6.6	5.6	5.8	2.2	2.8	3.6	2.7	6.1	1.2
	1JF	3.4	4.3	5.9	6.4	5.5	5.8	2.5	3.3	3.3	2.4	6.0	1.0
	1JG1	3.8	4.3	5.5	6.2	6.0	5.4	3.1	3.3	3.5	3.1	5.7	1.0
	1JG2	3.8	4.4	5.0	6.1	6.4	5.5	2.9	2.8	3.8	4.5	6.1	1.0
	1KA	5.7	4.7	6.1	7.7	8.5	5.4	3.2	3.3	4.2	5.0	8.7	1.4
	1KB	4.6	4.0	5.3	7.1	7.0	4.0	1.9	2.4	3.4	3.9	7.0	1.3
	1KC	4.2	4.5	5.2	6.8	6.3	4.0	1.6	2.4	3.4	3.6	6.0	2.0
	1LA1	2.8	3.5	5.3	6.8	5.6	6.3	1.8	3.4	2.8	1.8	6.5	1.2
	1LA2	4.0	4.4	5.1	5.8	5.8	4.1	1.4	2.4	3.3	2.3	5.4	2.7
	1LA3	3.4	3.0	4.2	4.6	4.2	3.1	1.2	1.2	1.7	1.2	4.5	1.8
	1LB1	3.0	3.2	5.0	6.2	5.1	5.5	1.4	2.6	2.5	1.4	5.9	1.1
	1LB2	3.6	3.3	4.7	4.9	4.5	3.5	1.2	1.4	2.2	1.2	4.7	2.0

Monthly Rainfall by Sub-basin

Year 2027 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.4	0.2	0.7	3.4	1.9	0.9	0.0	0.0	0.1	0.2	1.5	0.2
	2AB	0.1	0.4	0.5	2.7	2.2	0.7	0.0	0.0	0.1	0.0	1.6	0.1
	2BA	0.4	2.8	3.2	4.4	9.3	5.0	1.3	4.1	0.8	2.2	5.7	0.6
	2BB	0.2	2.2	2.1	3.0	8.4	3.7	0.9	2.2	0.4	1.4	4.2	0.4
	2BC	0.4	2.5	2.6	3.4	8.6	3.4	0.8	2.4	0.7	1.9	4.3	0.5
	2BD	0.1	0.9	0.6	2.0	5.7	1.6	0.1	0.1	0.0	0.3	2.8	0.0
	2CA	0.1	0.6	0.4	2.2	4.7	1.4	0.0	0.0	0.0	0.1	2.6	0.0
	2CB	0.8	2.3	3.5	4.9	8.9	6.2	0.9	3.4	0.6	0.9	7.1	0.5
	2CC	0.3	1.3	1.5	3.0	6.7	3.0	0.4	1.1	0.2	0.8	3.7	0.2
	2D	0.7	1.1	1.9	4.3	5.2	3.4	0.5	1.3	0.4	0.8	2.9	0.5
	2EA	1.0	1.1	2.1	4.5	3.8	6.0	1.1	2.1	0.7	0.9	3.9	1.1
	2EB	0.9	1.1	2.0	4.7	4.6	6.0	1.1	2.1	0.5	0.7	3.7	1.1
	2EC	1.0	1.5	2.7	5.0	3.6	5.8	0.9	2.6	0.9	1.2	5.1	0.9
	2ED	1.7	2.7	3.1	4.0	6.0	5.2	1.7	4.2	0.6	0.8	5.6	0.5
	2EE	0.7	2.0	2.5	4.5	7.6	6.7	1.0	3.3	0.4	0.8	5.1	0.3
	2EF	1.3	2.3	2.7	4.3	5.3	5.5	1.4	3.9	0.6	0.9	5.3	0.5
	2EG1	1.6	2.0	3.2	5.4	4.5	5.6	1.3	4.2	1.0	1.2	6.5	0.7
	2EG2	0.8	1.8	2.4	4.7	5.8	6.2	1.1	2.8	0.5	0.8	4.6	0.5
	2EH	0.4	1.9	3.2	5.8	10.0	7.9	1.0	2.9	0.3	0.5	5.3	0.2
	2EJ	0.3	1.0	1.6	4.4	5.0	3.9	0.5	1.5	0.3	0.4	2.7	0.5
	2EK	0.6	1.0	1.8	4.6	5.4	5.2	0.7	1.7	0.2	0.5	3.2	0.6
	2FA	0.8	1.2	2.0	3.4	3.1	4.6	0.7	1.9	1.5	1.4	5.0	1.0
	2FB	0.9	1.3	2.3	4.3	3.4	5.6	0.9	2.0	1.1	1.3	4.6	0.8
	2FC	0.8	1.4	2.2	4.2	3.3	5.2	0.6	2.1	1.2	1.3	5.0	1.0
	2GA	0.8	1.1	2.1	3.2	3.3	4.9	0.9	1.9	1.5	1.2	5.4	0.9
	2GB	0.9	1.0	2.0	3.5	3.4	4.9	0.9	2.2	1.7	1.2	5.6	0.9
	2GC	1.2	1.2	1.9	4.9	5.0	4.9	0.9	2.4	2.4	1.1	7.7	0.6
	2GD	1.3	1.3	2.2	4.2	4.3	4.7	1.0	1.8	1.5	0.8	6.2	0.8
	2H-1	2.2	1.2	2.6	6.2	3.4	3.1	0.7	0.7	0.8	0.3	4.9	1.0
	2H-2	1.8	0.8	2.0	6.9	2.6	2.7	0.2	0.4	0.7	0.1	4.4	1.2
	2H-3	1.7	0.5	1.9	5.8	1.9	2.5	0.1	0.3	0.7	0.1	4.1	1.1
	2J	0.1	0.5	0.5	2.5	2.8	0.8	0.0	0.0	0.0	0.1	1.8	0.1
	2KA	3.3	2.2	4.4	4.4	4.1	3.6	1.2	1.3	1.2	0.6	4.7	0.9
	2KB	2.8	1.6	3.4	4.6	3.1	2.7	1.0	0.4	0.5	0.3	4.1	0.8
	2KC	2.6	1.4	3.2	5.3	2.8	2.6	0.8	0.3	0.6	0.2	4.0	0.9
ACA	3AA	1.7	0.6	1.7	7.9	2.8	2.8	0.1	0.5	0.6	0.1	4.6	1.2
	3AB	1.5	0.4	1.7	5.2	1.9	2.4	0.1	0.4	0.7	0.0	4.0	1.2
	3AC	1.2	0.3	0.8	5.6	2.2	2.7	0.2	0.6	0.2	0.1	3.7	1.1
	3BA	1.6	0.7	1.3	8.4	3.6	3.2	0.2	0.8	0.4	0.2	5.1	1.1
	3BB	1.6	0.8	1.0	8.0	4.4	3.5	0.2	1.2	0.3	0.2	5.4	1.1
	3BC	1.7	1.2	1.1	8.4	5.1	3.8	0.3	1.6	0.5	0.4	6.4	1.0
	3BD	1.6	1.1	1.0	7.7	5.0	3.9	0.4	1.5	0.5	0.4	6.0	1.0
	3CB	1.3	0.9	0.9	7.4	4.5	4.0	0.4	1.5	0.4	0.3	5.7	1.0
	3DA	0.9	0.2	0.5	5.2	1.5	2.4	0.1	0.6	0.0	0.1	3.4	1.3
	3DB	0.7	0.2	0.3	3.8	1.6	1.8	0.1	1.1	0.0	0.1	4.6	1.1
	3EA	1.0	0.1	0.6	3.6	1.4	2.1	0.1	0.6	0.0	0.1	3.4	1.0
	3EB	0.8	0.3	0.4	3.6	1.7	2.3	0.1	1.1	0.0	0.1	4.3	1.0
	3EC	0.9	0.3	0.4	3.3	2.0	2.5	0.1	1.3	0.0	0.2	4.7	0.9
	3ED	0.7	0.3	0.3	3.4	2.2	2.3	0.2	1.5	0.0	0.2	5.3	1.0
	3FA	1.2	0.2	0.8	3.3	2.0	1.6	0.1	0.6	0.1	0.1	4.7	1.0
	3FB	0.9	0.1	0.8	3.2	2.2	0.3	0.2	0.3	0.0	0.2	4.4	1.0
	3G	1.3	0.5	1.2	5.0	2.5	0.2	0.4	0.8	0.0	0.3	3.9	0.9
	3HA	0.7	0.1	0.8	5.6	2.7	0.0	0.6	1.1	0.0	0.4	2.7	0.5
	3HB	1.4	0.0	0.6	4.4	3.6	0.4	1.2	2.6	0.2	0.5	2.0	0.6
	3HC	1.3	0.0	0.3	4.4	5.0	1.5	2.0	4.7	0.4	0.7	0.9	0.5
	3HD1	2.0	0.1	0.2	4.0	6.1	1.8	3.1	5.4	0.5	0.9	0.8	0.6
	3HD2	1.0	0.0	0.2	4.8	6.2	1.9	2.5	5.4	0.4	0.9	0.9	0.4
	3J	1.3	0.1	1.0	6.1	3.7	0.1	0.5	1.4	0.0	0.3	2.0	0.5
	3K	1.7	0.1	0.1	3.1	11.1	0.8	2.7	4.8	0.8	1.5	1.6	1.0
	3LA	1.7	0.1	0.6	4.4	4.7	0.4	1.4	3.1	0.3	0.5	2.0	0.7
	3LB	2.5	0.1	0.2	3.8	6.5	1.7	3.1	5.6	0.6	1.0	0.8	0.6
	3MA-1	0.7	0.1	0.8	6.1	5.4	0.1	0.8	2.4	0.0	0.4	2.3	0.4
	3MA-2	1.5	0.1	0.4	4.5	7.7	0.4	1.7	3.4	0.4	0.8	2.2	0.7
	3MB	1.8	0.1	0.3	3.2	9.5	0.7	2.4	4.7	0.8	1.0	1.7	0.9
	3MC	2.1	0.2	0.1	3.1	11.3	0.8	2.8	4.7	0.7	1.4	1.8	1.0
	3MD1	1.6	0.1	0.4	4.2	11.2	0.7	2.5	6.4	1.3	1.0	1.1	1.1
	3MD2	1.2	0.1	0.1	3.1	13.2	0.9	2.8	6.0	1.2	1.6	1.1	1.2
	3N	1.4	0.6	1.5	4.4	1.8	1.2	0.1	0.3	0.2	0.1	4.8	1.2

Monthly Rainfall by Sub-basin

Year 2027 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	0.7	0.7	0.7	6.2	5.3	2.6	0.5	2.4	0.2	0.9	8.3	1.0
	4AB	0.9	0.9	1.1	4.7	5.1	2.9	0.6	2.3	0.9	1.0	7.4	0.7
	4AC	1.1	1.2	1.3	5.3	5.5	3.3	0.6	2.4	1.0	1.0	7.8	0.6
	4AD	1.2	1.4	1.3	6.6	6.0	3.8	0.6	2.6	1.3	1.1	8.6	0.6
	4BA	0.7	0.7	0.9	7.4	5.0	3.3	0.4	2.3	0.2	0.8	8.7	0.8
	4BB	0.6	0.6	0.6	6.7	5.1	2.8	0.5	2.4	0.2	0.8	8.4	1.0
	4BC	0.5	0.5	0.7	7.8	4.5	3.2	0.4	2.3	0.1	0.6	8.8	0.9
	4BD	1.1	1.4	1.3	8.4	6.0	4.3	0.6	2.6	1.0	0.9	9.4	0.7
	4BE	1.0	1.3	1.0	9.1	5.5	4.3	0.5	2.4	0.6	0.7	8.9	0.8
	4BF	0.7	0.5	0.7	8.0	3.7	4.1	0.3	1.6	0.1	0.3	6.6	0.9
	4BG	0.7	0.1	0.6	8.0	2.6	3.4	0.2	1.5	0.1	0.2	5.9	1.2
	4CA	1.6	1.8	1.4	8.5	6.5	4.9	0.7	2.5	1.3	0.8	8.7	0.8
	4CB	1.5	1.7	1.1	9.0	6.3	4.7	0.6	2.3	0.8	0.7	8.4	0.9
	4CC	0.9	0.2	0.6	6.8	2.3	3.4	0.2	1.0	0.0	0.1	4.5	1.2
	4DA	0.5	0.4	0.5	8.1	4.3	3.0	0.3	2.4	0.1	0.5	8.6	1.2
	4DB	0.6	0.4	0.5	8.7	5.0	3.1	0.3	2.7	0.1	0.7	10.0	1.2
	4DC	0.7	0.4	0.4	9.2	5.5	3.1	0.4	2.9	0.1	0.8	10.9	1.3
	4DD	0.8	0.1	0.5	8.9	4.4	3.0	0.2	2.4	0.1	0.5	9.0	1.2
	4DE	0.8	0.1	0.5	6.8	2.0	2.5	0.1	1.2	0.0	0.1	5.0	1.4
	4EA	1.4	0.3	1.3	9.2	5.1	3.0	0.2	1.9	0.1	0.7	11.7	1.6
	4EB	1.3	0.2	0.7	10.1	6.4	3.3	0.3	2.7	0.1	0.9	12.3	1.4
	4EC	1.4	0.1	0.4	9.7	5.9	2.9	0.3	2.7	0.1	0.7	10.7	1.3
	4ED	1.9	0.1	0.7	7.4	3.7	2.1	0.1	1.3	0.0	0.2	6.9	1.1
	4FA	1.5	0.3	1.7	8.3	3.9	2.4	0.1	1.2	0.1	0.5	10.6	1.9
	4FB	1.7	0.1	1.6	7.7	3.7	1.8	0.1	1.2	0.1	0.4	10.7	2.0
	4GA	1.2	0.0	1.7	5.3	2.3	1.2	0.1	0.9	0.3	0.3	9.7	2.0
	4GB	1.4	0.0	1.0	4.7	2.3	1.0	0.2	0.9	0.1	0.2	7.4	1.4
	4GC	1.0	0.0	0.5	3.1	1.6	0.4	0.5	1.1	0.1	0.1	3.3	0.6
	4GD	1.2	0.0	0.5	4.2	2.2	0.7	0.5	1.6	0.1	0.2	3.6	0.6
	4GE	1.2	0.0	0.5	4.5	2.3	0.8	0.4	1.7	0.1	0.2	4.2	0.7
	4GF	0.5	0.0	0.4	4.0	3.2	0.7	0.6	2.8	0.2	0.3	3.8	0.8
	4GG	0.3	0.0	0.2	4.6	8.8	1.6	1.5	4.9	0.4	0.5	2.7	0.8
	4HA	0.7	0.1	0.4	3.4	1.7	0.7	0.1	0.7	0.0	0.1	4.5	1.0
	4HB	0.6	0.0	0.4	3.7	2.9	0.6	0.5	2.0	0.1	0.2	3.5	0.8
	4HC	0.8	0.0	0.5	4.4	2.7	0.5	0.8	1.8	0.1	0.4	2.5	0.7
	4JA	0.5	0.0	0.3	2.7	4.4	0.7	0.9	2.0	0.2	0.3	2.2	0.4
	4JB	0.3	0.0	0.2	2.1	12.1	1.9	1.6	3.9	0.4	0.4	3.0	0.7
	4KA	0.3	0.0	0.2	2.5	9.6	1.5	1.4	3.3	0.3	0.4	2.8	0.6
	4KB	0.3	0.0	0.2	3.1	9.3	1.5	1.4	4.0	0.3	0.4	3.0	0.7
ENNCA	5AA	1.2	0.7	1.6	4.0	3.0	4.7	1.2	2.0	0.5	0.8	3.8	1.4
	5AB	1.1	0.7	1.4	3.3	2.6	4.1	1.2	1.7	0.5	0.8	3.9	1.1
	5AC	0.8	0.6	0.8	2.7	2.9	3.3	0.5	1.4	0.1	0.4	3.1	0.7
	5AD	1.0	0.7	0.9	2.6	2.4	3.2	0.9	1.3	0.1	0.6	3.3	0.9
	5BA	0.8	0.8	1.1	3.7	4.4	2.6	0.8	1.9	0.9	1.0	6.4	0.7
	5BB	0.9	0.8	1.3	3.4	4.0	3.0	0.9	1.9	1.2	1.1	6.0	0.7
	5BC-1	0.9	0.8	1.1	3.6	3.2	3.1	0.9	1.5	0.2	1.0	5.4	1.0
	5BC-2	1.0	0.6	0.9	2.6	2.2	3.3	0.6	1.1	0.2	0.6	3.7	1.0
	5BD	1.1	0.8	1.2	2.9	2.4	3.5	1.2	1.4	0.3	0.8	3.7	1.0
	5BE	1.0	0.8	1.5	4.9	2.6	3.5	0.5	1.0	0.2	0.9	6.3	1.3
	5CA	0.5	1.0	0.8	3.1	3.7	2.4	0.4	1.6	0.4	0.2	2.4	0.5
	5CB	0.7	0.8	1.1	3.4	3.3	2.4	0.3	1.3	0.6	0.5	2.4	0.8
	5CC	1.0	0.7	1.4	3.9	3.5	2.6	0.3	1.1	0.4	0.8	2.1	0.6
	5DA	1.1	0.7	2.3	6.6	1.4	3.0	0.0	0.4	0.8	0.7	6.9	2.0
	5DB	1.0	0.8	1.6	4.7	1.7	3.3	0.2	0.7	0.6	0.6	4.8	1.4
	5DC	0.8	0.7	0.6	2.6	3.0	2.8	0.3	1.4	0.4	0.3	3.0	0.8
	5DD	0.8	0.8	1.0	3.7	2.7	2.4	0.2	1.2	0.7	0.3	3.3	1.1
	5EA	0.3	0.1	0.5	3.2	3.6	0.1	0.1	0.3	0.1	0.2	0.4	0.3
	5EB	0.7	0.1	0.7	4.0	4.8	0.4	0.2	0.4	0.1	0.2	1.1	0.3
	5EC	1.0	0.2	1.0	4.7	4.9	1.4	0.3	0.6	0.4	0.4	2.6	0.8
	5ED	0.6	0.1	1.6	4.4	2.1	1.0	0.1	0.5	0.7	0.3	6.5	1.8
	5FA	0.5	0.0	0.7	2.7	1.6	0.3	0.3	0.9	0.2	0.2	3.7	0.9
	5FB	0.4	0.0	0.3	2.4	2.0	0.0	0.3	0.5	0.0	0.2	0.9	0.4
	5G	0.2	0.0	0.6	3.0	4.3	0.0	0.0	0.3	0.1	0.3	0.8	0.2
	5HA	0.1	0.0	0.4	1.2	3.6	0.0	0.0	0.1	0.0	0.8	1.4	0.1
	5HB	0.1	0.0	0.7	1.7	4.0	0.1	0.0	0.3	0.1	0.7	1.3	0.2
	5J	1.0	0.1	0.8	4.3	3.9	1.3	0.2	0.3	0.2	0.3	1.7	0.4

Monthly Rainfall by Sub-basin

Year 2028 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	4.4	2.4	4.9	12.0	4.9	5.0	6.1	6.7	6.9	5.3	3.7	2.1
	1AB	3.3	2.2	4.0	11.6	4.1	4.4	6.5	7.1	6.9	4.9	2.9	1.8
	1AC	3.6	2.7	5.0	12.5	3.9	5.2	6.5	9.0	7.1	4.7	3.5	2.0
	1AD	5.4	2.8	6.1	12.7	6.0	6.1	5.8	7.8	7.1	6.1	4.7	2.3
	1AE	7.0	2.7	7.0	11.8	6.1	6.3	4.9	5.7	6.6	7.5	5.6	2.3
	1AF	5.0	2.7	6.0	12.7	6.0	5.6	5.8	7.1	7.4	5.5	4.6	2.4
	1AG	5.1	2.6	5.7	12.8	7.2	5.1	6.0	6.6	7.4	5.5	4.6	2.5
	1AH	6.7	2.6	5.8	10.9	7.3	5.2	4.8	5.2	6.5	6.8	5.3	2.3
	1BA	1.8	0.5	1.9	12.5	5.5	3.3	6.3	5.2	5.1	4.4	3.4	2.3
	1BB	1.7	0.6	2.1	10.7	5.6	4.3	7.2	5.7	7.3	5.1	3.1	1.5
	1BC	1.7	0.8	2.3	9.6	5.2	4.9	8.5	6.7	8.9	5.9	2.9	0.7
	1BD	2.5	1.2	1.9	10.7	4.3	3.7	6.7	6.6	5.4	4.7	2.2	1.4
	1BE	2.2	1.3	2.1	9.5	4.4	3.6	7.7	6.1	7.1	5.5	2.0	0.9
	1BG	2.7	1.6	2.1	10.5	4.6	3.5	7.6	7.8	6.6	5.9	2.0	0.9
	1BH	3.0	1.9	2.6	11.2	4.5	3.9	7.5	8.8	6.7	5.7	2.2	1.1
	1CA	2.3	0.9	2.1	11.2	3.8	3.9	6.2	6.1	4.4	4.0	2.6	1.8
	1CB	2.5	1.1	2.5	10.8	3.5	4.3	6.4	6.8	4.6	4.2	2.2	1.5
	1CC	2.8	1.2	3.9	10.5	3.7	4.2	6.0	6.5	5.4	4.8	2.3	1.2
	1CD	3.4	1.9	3.9	11.2	3.6	5.7	7.0	11.1	6.2	5.7	2.8	0.7
	1CE	3.6	2.5	3.2	11.9	4.3	5.5	7.9	13.4	6.1	5.9	2.7	0.6
	1DA	3.8	2.9	4.8	13.6	4.8	6.3	8.0	15.5	7.2	6.3	3.7	1.0
	1DB	3.1	2.3	3.8	12.0	4.2	4.6	7.0	9.4	7.0	5.1	2.8	1.5
	1DC	3.7	2.7	5.1	13.5	5.3	5.4	7.1	10.9	7.6	5.1	3.7	1.8
	1DD	4.1	2.7	5.5	13.4	6.2	5.1	6.7	8.8	7.7	4.9	4.1	2.3
	1EA	4.5	2.7	6.1	14.9	5.8	6.4	8.4	16.2	7.9	7.4	4.3	0.6
	1EB	4.5	2.6	5.9	15.8	7.4	5.4	8.4	13.5	8.4	6.5	4.5	1.3
	1EC	4.2	3.0	5.6	14.9	6.3	6.6	8.2	16.2	8.0	6.8	4.4	1.1
	1ED	4.9	2.6	5.1	13.9	9.2	4.9	7.2	9.7	7.7	6.0	4.5	2.1
	1EE	6.0	2.5	4.4	11.3	10.5	4.1	5.6	5.7	6.9	6.2	4.9	2.5
	1EF	6.3	2.4	4.8	10.1	8.3	4.1	4.7	5.0	6.2	6.2	5.1	2.2
	1EG	5.9	2.2	4.1	11.8	10.6	3.5	6.0	6.7	6.7	6.0	5.0	2.2
	1FA	3.0	1.4	5.0	10.5	4.0	4.2	5.8	7.4	6.0	5.7	2.6	0.9
	1FB	4.2	1.9	6.1	11.7	4.1	5.6	6.7	10.1	7.1	6.8	3.4	0.6
	1FC	4.5	1.9	7.0	12.1	4.5	5.2	6.5	9.4	7.3	7.4	3.7	0.5
	1FD	4.5	1.8	7.2	11.1	4.0	4.6	5.7	7.5	7.2	7.0	3.6	0.5
	1FE	5.4	2.0	6.5	14.7	6.2	4.8	7.3	10.7	7.1	6.5	4.7	1.1
	1FF	5.9	1.7	5.5	13.8	6.5	3.4	6.1	7.0	6.3	4.9	5.1	1.7
	1FG	6.1	2.0	4.2	8.9	7.3	2.6	4.2	4.6	5.4	5.3	5.2	1.9
LVSCA	1GA	3.9	1.4	4.8	11.2	3.6	3.4	5.7	7.1	5.7	4.9	2.6	0.7
	1GB	6.3	1.8	7.4	12.1	3.8	3.4	5.7	5.9	6.1	5.9	3.8	0.4
	1GC	5.5	1.6	3.3	11.7	4.3	3.2	5.5	7.7	6.5	3.6	2.6	0.8
	1GD	7.9	2.1	6.2	12.3	3.6	2.4	5.1	5.3	5.0	4.5	3.7	0.6
	1GE	9.0	2.6	6.2	11.3	4.8	2.7	4.6	5.9	5.0	4.7	4.1	0.9
	1GF	8.6	2.1	6.2	11.4	5.2	2.5	4.1	4.8	4.4	3.9	4.5	1.4
	1GG	5.5	1.7	4.0	12.0	3.6	2.9	5.5	6.9	5.9	4.2	2.6	0.7
	1HA1	6.9	1.3	6.5	13.3	4.0	2.9	5.2	4.6	5.4	4.1	4.9	1.4
	1HA2	7.7	1.5	6.5	12.3	3.6	2.4	4.6	3.7	4.6	3.6	4.6	1.1
	1HB1	5.9	1.7	4.4	10.1	6.4	2.1	4.3	4.0	5.1	4.5	5.2	2.0
	1HB2	6.5	1.3	5.5	13.0	4.2	2.3	4.7	3.9	4.8	3.2	5.5	1.9
	1HC	5.7	1.8	4.4	8.6	5.9	1.7	3.6	3.3	4.7	5.0	5.1	2.0
	1HD	6.6	2.4	7.1	10.5	6.6	3.3	3.8	4.4	4.6	4.0	4.9	2.3
	1HE	5.5	2.5	7.5	11.5	7.3	3.5	3.7	3.9	5.0	4.5	5.4	3.0
	1HF	4.1	1.9	6.4	11.9	5.5	1.7	3.5	3.0	4.2	5.5	4.6	2.9
	1HG	3.9	1.8	5.7	10.5	5.2	1.3	3.3	3.1	3.8	5.0	4.4	2.6
	1JA	7.0	2.3	4.9	10.9	5.7	3.3	5.1	7.6	5.7	4.5	3.7	1.5
	1JB	8.5	3.0	6.2	10.9	6.4	3.2	4.9	7.0	5.2	5.8	4.3	1.6
	1JC	8.4	2.9	5.3	11.4	5.7	3.5	5.2	7.6	6.2	5.7	3.9	1.2
	1JD	9.0	3.0	6.3	10.4	6.7	3.2	5.0	7.1	5.2	6.0	4.4	1.5
	1JE	5.5	2.9	7.9	11.5	6.3	2.6	3.3	4.5	3.9	3.7	4.3	2.7
	1JF	6.5	2.5	6.6	9.7	5.8	3.0	4.4	6.0	4.4	4.3	4.3	1.9
	1JG1	8.0	2.6	6.8	9.7	6.4	3.0	4.3	5.8	4.5	4.8	4.4	1.6
	1JG2	7.5	2.1	6.6	11.1	6.0	3.0	3.9	4.3	4.4	3.5	4.9	2.1
	1KA	4.7	3.0	8.0	12.4	8.6	3.6	3.5	4.3	5.2	4.8	5.4	3.7
	1KB	4.1	2.8	7.2	12.2	7.5	2.4	3.1	4.0	4.2	4.3	4.7	3.5
	1KC	4.2	3.3	7.8	14.6	7.6	2.0	2.3	3.9	4.5	3.7	4.2	3.8
	1LA1	5.6	2.2	5.7	11.1	5.2	2.8	4.1	6.3	4.4	3.0	3.9	2.2
	1LA2	4.8	2.7	8.0	14.6	5.4	1.9	1.9	3.2	4.8	2.8	2.9	2.8
	1LA3	4.2	1.4	6.6	12.5	3.3	1.3	1.0	1.9	2.8	1.4	1.5	2.6
	1LB1	4.8	1.8	5.9	11.1	4.7	2.3	3.4	5.1	3.6	2.3	3.3	2.2
	1LB2	4.5	1.5	6.9	12.7	3.4	1.4	1.3	2.3	3.1	1.4	1.7	2.5

Monthly Rainfall by Sub-basin

Year 2028 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.5	0.3	1.2	4.4	0.3	0.5	1.4	0.8	1.3	0.5	0.6	0.5
	2AB	0.3	0.2	0.4	3.5	0.2	0.5	2.0	0.9	1.4	0.3	0.3	0.4
	2BA	1.2	0.5	2.1	9.0	4.9	5.1	7.6	6.8	8.6	5.4	2.9	0.7
	2BB	0.8	0.3	1.3	7.2	3.6	3.6	5.9	5.2	5.6	3.5	1.9	0.5
	2BC	1.0	0.5	1.6	7.2	3.2	3.5	5.8	5.2	5.6	3.6	1.5	0.5
	2BD	0.3	0.1	0.3	4.4	1.0	1.0	3.6	1.8	2.1	0.9	0.3	0.3
	2CA	0.2	0.1	0.1	4.2	0.8	0.6	3.2	1.5	2.1	0.7	0.2	0.2
	2CB	1.7	0.5	1.9	12.7	4.7	3.2	7.3	6.5	5.1	3.9	3.0	2.5
	2CC	0.9	0.3	0.9	6.6	2.6	1.9	4.8	3.4	3.7	2.4	1.3	0.8
	2D	1.4	0.6	1.2	7.8	2.5	1.7	4.8	3.2	3.7	3.0	1.9	1.5
	2EA	2.2	0.5	1.6	9.2	5.0	3.6	5.4	5.5	5.4	2.2	2.5	1.7
	2EB	1.8	0.4	1.5	9.2	3.7	3.5	6.4	5.6	5.5	1.9	2.7	1.7
	2EC	3.0	0.7	1.7	9.2	6.2	3.3	5.1	7.3	5.1	2.8	2.6	1.6
	2ED	2.5	0.6	2.1	10.3	3.9	3.3	6.5	7.1	5.0	2.7	1.7	1.0
	2EE	1.6	0.4	1.8	10.5	3.7	3.3	8.8	6.0	4.3	2.7	2.4	1.7
	2EF	2.7	0.5	1.7	10.0	4.2	3.2	6.8	7.1	4.9	2.4	1.9	1.1
	2EG1	3.8	0.9	1.7	10.1	5.7	3.4	5.9	9.2	6.1	2.5	2.7	1.5
	2EG2	2.1	0.5	1.7	9.5	4.5	3.2	7.5	6.6	4.8	2.4	2.4	1.4
	2EH	1.2	0.3	1.6	11.1	4.2	3.3	8.7	7.3	5.8	3.4	3.0	2.3
	2EJ	0.8	0.2	1.3	8.0	3.3	2.1	6.8	5.5	4.3	2.2	2.8	1.5
	2EK	1.1	0.3	1.4	8.8	3.4	2.8	7.6	5.9	4.8	1.9	2.8	1.6
	2FA	3.9	0.7	1.8	9.2	4.3	3.7	3.4	3.4	3.0	3.1	2.5	1.2
	2FB	2.7	0.6	1.6	9.0	6.6	3.4	4.3	5.5	4.8	2.9	2.5	1.7
	2FC	3.5	0.8	1.8	8.9	5.8	3.1	4.2	5.1	3.7	3.1	2.5	1.4
	2GA	5.8	0.6	2.0	10.1	3.7	4.0	2.9	3.6	3.0	2.6	2.6	1.3
	2GB	4.3	0.6	2.0	10.4	3.7	4.0	3.3	3.9	3.7	2.5	3.1	1.5
	2GC	5.4	1.0	3.2	14.0	5.2	3.3	2.4	3.8	3.7	2.7	4.4	2.7
	2GD	7.1	0.9	2.9	12.2	4.3	3.4	2.1	3.1	2.4	2.6	3.1	2.1
	2H-1	4.4	0.9	4.9	11.9	3.8	2.2	0.8	1.3	1.3	1.2	2.7	3.4
	2H-2	2.4	0.9	5.2	11.5	3.7	2.0	0.3	0.6	1.2	0.6	3.2	3.9
	2H-3	2.3	0.7	5.3	9.5	2.1	1.2	0.1	0.4	1.1	0.6	3.4	3.6
	2J	0.2	0.1	0.3	3.6	0.3	0.5	2.5	0.9	1.6	0.3	0.3	0.4
	2KA	5.1	0.8	5.0	10.4	2.9	1.6	1.9	2.9	1.8	1.3	1.5	2.1
	2KB	4.4	0.5	5.4	10.7	2.3	1.4	0.5	1.0	1.1	0.6	0.9	2.7
	2KC	3.4	0.6	5.7	10.6	2.3	1.3	0.4	0.7	1.0	0.4	1.4	2.8
ACA	3AA	2.3	1.0	5.0	12.5	5.1	2.5	0.4	0.7	1.1	0.8	3.7	4.7
	3AB	2.0	0.8	5.1	9.5	1.7	1.1	0.1	0.4	1.1	0.7	4.2	4.0
	3AC	2.0	0.8	5.4	11.3	2.7	1.4	0.2	0.5	1.1	1.2	4.9	5.8
	3BA	2.4	1.3	5.1	14.2	6.3	3.0	0.6	0.9	1.3	1.3	4.5	5.8
	3BB	2.5	1.6	4.8	15.5	7.0	3.5	0.9	1.1	1.6	1.6	5.2	6.4
	3BC	2.7	1.9	4.7	16.5	7.5	3.6	1.4	1.6	2.1	2.2	5.7	6.5
	3BD	2.9	1.8	4.7	15.9	6.9	3.5	1.3	1.5	2.1	2.1	5.7	6.5
	3CB	2.5	1.6	5.2	14.9	6.0	2.9	1.1	1.2	2.0	2.2	5.8	6.6
	3DA	1.5	0.5	6.5	11.1	1.0	0.5	0.1	0.4	1.0	1.4	7.0	6.1
	3DB	2.1	0.4	5.7	10.9	0.4	0.3	0.1	0.7	1.1	2.0	9.6	7.5
	3EA	2.3	0.6	5.3	9.9	0.6	0.3	0.0	0.4	1.0	1.4	6.2	6.2
	3EB	2.5	0.6	5.6	11.7	0.5	0.3	0.1	0.8	1.3	1.7	8.8	7.2
	3EC	2.9	0.6	5.0	11.4	0.6	0.3	0.1	0.9	1.5	1.8	8.4	7.2
	3ED	2.6	0.5	5.0	11.4	0.5	0.4	0.1	1.0	1.6	1.8	10.6	8.2
	3FA	3.1	0.5	5.0	7.4	0.5	0.4	0.0	0.4	0.9	0.9	6.4	5.8
	3FB	4.0	0.1	4.5	4.9	0.4	0.3	0.0	0.3	0.7	0.3	8.2	8.1
	3G	3.5	0.2	5.6	6.7	0.9	0.7	0.1	0.6	1.2	0.5	6.3	6.0
	3HA	3.3	0.3	4.5	6.1	1.4	0.8	0.1	1.1	2.8	1.0	5.9	7.5
	3HB	2.8	0.1	3.7	4.6	0.8	3.4	0.3	0.9	2.3	0.9	4.2	6.6
	3HC	2.2	0.1	3.7	4.3	1.1	5.5	0.6	0.9	1.9	0.6	3.9	5.8
	3HD1	2.1	0.1	3.5	3.9	1.5	6.5	0.8	1.1	2.3	0.7	4.6	5.3
	3HD2	1.7	0.0	3.4	4.8	1.6	5.8	0.8	1.0	1.9	0.7	4.1	5.4
	3J	2.6	0.4	5.4	6.7	1.9	1.2	0.1	0.6	2.0	0.7	5.5	5.2
	3K	2.3	0.2	3.9	7.6	1.7	6.1	1.0	1.7	2.7	1.0	3.5	5.7
	3LA	2.8	0.2	3.6	5.1	1.0	3.5	0.3	1.0	2.4	0.9	4.3	6.8
	3LB	2.0	0.1	3.0	4.4	1.5	6.8	0.7	1.2	2.2	0.8	4.4	5.6
	3MA-1	3.0	0.4	4.7	5.5	1.7	1.3	0.2	1.0	3.5	0.9	6.6	7.1
	3MA-2	2.6	0.2	3.8	5.5	1.1	3.8	0.6	1.4	2.9	1.0	4.6	5.9
	3MB	1.8	0.2	3.5	7.5	1.5	5.8	0.9	1.5	2.2	1.0	2.5	5.3
	3MC	2.1	0.2	3.8	7.4	1.6	6.4	1.0	1.8	2.7	1.0	2.9	5.2
	3MD1	2.2	0.4	3.1	11.4	2.3	7.1	1.0	1.6	1.8	0.9	2.8	5.6
	3MD2	2.9	0.3	3.5	10.2	2.3	6.6	1.1	1.6	2.4	1.0	1.8	5.6
	3N	3.1	0.5	5.8	6.7	0.6	0.4	0.0	0.3	0.7	0.5	5.0	4.7

Monthly Rainfall by Sub-basin

Year 2028 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.9	1.2	3.7	15.6	3.2	1.6	1.2	1.2	2.6	3.0	8.1	6.1
	4AB	2.3	1.0	3.4	14.2	3.6	2.1	2.2	1.9	3.2	2.3	6.5	4.6
	4AC	3.1	1.3	3.6	16.0	4.7	2.4	2.6	2.3	3.2	2.7	6.7	4.9
	4AD	3.0	1.6	3.8	17.1	5.7	2.6	2.6	2.6	3.4	3.2	7.1	5.2
	4BA	1.5	1.2	3.5	18.9	5.7	2.3	1.4	1.3	2.1	3.3	9.2	5.9
	4BB	1.5	1.3	3.7	18.1	4.2	1.8	1.0	1.2	2.1	3.3	9.3	6.4
	4BC	1.0	1.0	3.8	19.0	5.6	2.0	0.6	1.0	1.6	3.7	9.9	6.3
	4BD	2.6	1.8	4.0	18.9	7.2	2.8	2.3	2.3	3.0	3.8	8.3	5.8
	4BE	2.1	1.7	4.5	18.6	7.2	2.7	1.7	1.7	2.4	3.8	8.7	6.4
	4BF	1.4	1.0	5.0	16.2	5.6	2.1	0.6	0.7	1.5	2.8	7.7	6.2
	4BG	0.9	0.5	5.4	15.1	3.4	1.1	0.2	0.3	1.0	2.3	8.3	6.0
	4CA	4.2	2.3	4.5	17.6	7.8	3.5	2.4	2.9	3.3	3.6	6.7	6.1
	4CB	3.0	2.4	4.8	17.9	8.0	3.4	2.2	2.1	2.9	3.6	7.3	6.9
	4CC	1.3	0.7	5.9	13.1	2.6	1.1	0.3	0.4	1.2	1.8	7.1	6.1
	4DA	1.0	0.8	4.4	18.4	5.0	1.6	0.5	1.0	1.4	4.0	10.1	6.9
	4DB	1.3	0.9	5.0	20.1	5.4	1.6	0.7	1.5	1.6	5.5	10.9	8.4
	4DC	1.7	0.9	5.3	21.6	5.7	1.6	0.8	1.8	1.7	6.4	11.3	9.3
	4DD	1.0	0.4	4.1	16.4	3.5	0.9	0.3	0.7	0.8	3.8	9.9	7.1
	4DE	1.0	0.3	4.9	12.9	1.2	0.4	0.1	0.2	0.5	1.9	8.4	5.9
	4EA	3.1	0.8	5.2	24.0	3.8	1.0	1.0	2.0	1.8	8.4	13.0	12.1
	4EB	3.4	0.9	5.7	25.4	5.1	1.3	0.9	2.2	2.0	8.3	12.4	11.4
	4EC	2.4	0.6	5.0	21.0	4.4	1.0	0.5	1.5	1.3	5.9	11.2	9.4
	4ED	2.1	0.3	4.6	13.8	1.1	0.3	0.1	0.3	0.4	2.5	8.9	7.4
	4FA	2.5	0.7	4.4	21.2	2.5	0.7	0.9	1.5	1.3	7.6	13.3	11.8
	4FB	2.4	0.5	3.7	19.3	1.7	0.4	0.3	1.0	0.9	6.2	12.9	11.3
	4GA	1.6	0.3	2.6	14.7	1.1	0.3	0.2	0.7	0.6	4.5	10.4	9.3
	4GB	1.8	0.1	2.8	12.2	0.4	0.4	0.1	0.4	0.4	2.7	8.5	8.1
	4GC	1.2	0.0	2.6	4.8	0.2	0.7	0.0	0.1	0.4	0.4	4.0	5.3
	4GD	1.8	0.1	3.4	6.5	0.5	1.0	0.1	0.2	0.6	0.8	5.0	5.6
	4GE	2.3	0.1	4.1	6.6	0.4	0.9	0.1	0.2	0.8	1.1	6.6	6.6
	4GF	2.5	0.1	4.0	4.8	0.7	1.8	0.3	0.3	1.3	0.7	6.6	7.0
	4GG	2.3	0.2	4.1	6.4	1.6	4.7	0.9	0.8	2.0	0.6	4.5	6.8
	4HA	2.7	0.1	4.6	6.5	0.2	0.3	0.0	0.3	0.9	1.2	9.7	8.3
	4HB	3.2	0.1	3.7	3.9	0.5	1.6	0.3	0.3	1.3	0.3	7.4	7.4
	4HC	3.1	0.1	3.8	4.3	0.7	2.3	0.3	0.7	1.7	0.6	5.5	6.9
	4JA	1.3	0.2	2.6	4.5	1.0	2.4	0.2	0.2	0.7	0.4	3.3	4.4
	4JB	1.8	0.4	2.8	6.9	2.5	5.7	0.8	0.5	1.3	0.5	2.8	5.3
	4KA	1.7	0.3	2.9	6.0	2.0	4.7	0.6	0.4	1.1	0.4	3.1	5.2
	4KB	1.8	0.3	3.3	6.1	2.0	4.4	0.7	0.5	1.3	0.5	3.7	5.8
ENNCA	5AA	1.6	0.3	1.6	9.5	2.7	3.7	4.9	4.7	5.6	1.4	3.3	1.8
	5AB	1.4	0.2	1.8	9.5	2.3	3.4	4.5	4.2	4.9	1.3	3.6	1.6
	5AC	0.7	0.1	1.6	9.1	2.6	2.4	4.7	4.1	3.6	1.3	2.9	1.6
	5AD	1.1	0.1	1.9	8.1	2.0	2.4	3.8	3.2	3.8	1.2	3.4	1.5
	5BA	2.1	0.7	3.1	10.9	2.4	1.7	1.8	1.4	3.4	1.8	5.6	3.9
	5BB	2.1	0.5	2.8	10.1	2.4	2.1	2.5	2.2	3.8	1.6	4.8	2.9
	5BC-1	2.0	0.4	2.7	7.8	1.9	1.9	2.2	1.7	3.7	1.7	4.6	2.9
	5BC-2	1.3	0.0	2.0	6.2	2.0	1.8	2.8	2.3	3.5	1.3	3.0	2.3
	5BD	1.5	0.2	2.0	8.0	1.8	2.8	3.8	3.1	4.4	1.2	3.8	1.6
	5BE	2.2	0.6	3.5	7.8	1.7	1.5	1.7	1.3	3.1	2.7	5.4	4.7
	5CA	0.4	0.2	1.1	7.8	2.3	2.0	4.8	3.1	3.6	1.8	2.0	1.5
	5CB	0.8	0.5	1.2	7.6	1.8	1.7	3.6	2.0	3.0	2.0	1.9	2.1
	5CC	1.4	0.8	1.1	7.9	1.7	1.4	3.3	1.8	2.9	2.7	1.7	1.5
	5DA	1.8	0.9	4.3	10.9	1.2	0.9	1.5	1.1	1.5	4.4	8.3	8.0
	5DB	1.7	0.5	3.3	6.9	1.4	1.2	1.8	1.5	2.5	2.4	5.0	5.0
	5DC	0.6	0.0	1.6	7.9	2.0	1.7	3.4	3.1	3.2	1.4	2.6	1.8
	5DD	0.6	0.4	1.8	7.6	1.8	1.5	3.0	2.2	2.7	1.9	3.1	3.3
	5EA	0.4	0.2	0.9	3.7	0.4	0.9	0.0	0.4	0.7	0.9	1.3	1.7
	5EB	0.6	0.4	1.5	6.8	0.4	1.1	0.1	0.4	1.3	1.4	2.1	1.8
	5EC	1.0	0.4	2.0	9.9	0.7	0.7	0.8	0.6	2.1	2.6	3.8	2.7
	5ED	0.8	0.3	2.1	10.3	0.8	0.4	0.3	0.6	0.8	3.4	7.2	6.3
	5FA	0.7	0.1	1.7	5.6	0.4	0.6	0.1	0.2	0.4	1.2	4.2	4.5
	5FB	0.5	0.1	1.2	2.8	0.3	0.6	0.0	0.2	0.4	0.6	2.0	2.5
	5G	0.2	0.2	0.6	4.2	0.2	0.8	0.1	0.4	0.6	0.6	1.2	1.0
	5HA	0.1	0.1	0.3	3.0	0.2	0.3	0.1	0.2	0.4	0.3	1.2	0.3
	5HB	0.1	0.2	0.4	4.2	0.2	0.8	0.0	0.2	0.6	0.4	1.3	0.5
	5J	1.0	0.4	2.5	7.8	0.5	0.6	0.9	0.5	1.7	1.8	2.0	1.0

Monthly Rainfall by Sub-basin

Year 2029 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	3.2	6.3	7.4	9.3	3.6	3.1	3.8	3.7	5.0	4.7	4.7
	1AB	0.4	2.6	6.0	6.2	7.7	3.7	3.7	3.7	3.7	4.5	3.5	4.7
	1AC	0.4	2.7	6.1	6.6	7.4	3.7	3.6	3.8	3.8	4.7	3.8	4.6
	1AD	0.5	3.8	6.0	8.7	10.6	3.6	2.7	3.7	4.3	5.5	6.1	4.7
	1AE	0.6	5.1	6.1	10.1	14.0	3.7	1.9	3.6	4.1	5.8	8.0	5.0
	1AF	0.5	3.5	6.2	8.2	10.0	3.5	2.7	3.8	4.2	5.6	5.6	4.7
	1AG	0.5	3.3	6.3	8.0	9.7	3.4	2.7	4.1	4.6	5.9	5.6	4.8
	1AH	0.6	4.1	6.1	9.0	12.1	3.1	2.0	3.7	4.6	5.9	7.1	5.1
	1BA	0.3	3.0	4.3	7.4	5.2	1.7	4.8	3.1	4.0	4.2	3.1	4.8
	1BB	0.2	1.9	4.6	6.5	5.8	2.3	5.1	3.9	4.1	3.8	2.9	4.6
	1BC	0.2	1.6	5.4	5.6	6.2	3.2	5.9	3.9	3.8	4.0	2.7	5.0
	1BD	0.4	2.3	5.2	6.4	6.0	2.6	5.0	4.2	4.1	3.9	2.9	4.7
	1BE	0.3	1.7	5.8	5.1	6.6	3.4	5.2	3.7	3.9	4.2	2.9	4.8
	1BG	0.4	1.9	5.7	5.3	6.9	3.9	4.7	4.2	4.1	4.2	2.9	5.2
	1BH	0.4	2.0	5.9	5.6	6.9	4.1	4.4	4.4	4.0	4.2	2.9	5.2
	1CA	0.6	3.2	4.8	7.3	5.3	1.8	5.9	3.7	4.2	4.1	2.7	4.7
	1CB	0.8	3.3	5.0	7.4	5.2	2.1	6.3	4.1	4.2	4.3	2.7	4.8
	1CC	1.1	3.0	4.6	7.3	4.9	2.5	5.8	4.9	4.7	4.6	2.8	4.1
	1CD	0.8	2.5	5.2	7.0	5.8	3.3	5.4	5.5	5.0	4.0	3.0	4.8
	1CE	0.5	2.1	6.4	6.8	6.3	4.4	4.9	5.8	4.5	4.2	3.4	5.2
	1DA	0.5	2.5	6.2	7.3	6.5	4.8	4.6	5.6	4.9	4.9	4.1	4.9
	1DB	0.4	2.2	6.0	6.0	6.8	4.0	4.1	4.2	4.0	4.5	3.2	4.8
	1DC	0.4	2.5	6.1	6.8	6.9	4.0	3.8	4.7	4.6	5.2	4.0	4.8
	1DD	0.4	2.7	6.3	7.2	7.7	3.6	3.3	4.4	4.6	5.6	4.6	4.7
	1EA	0.9	2.8	5.7	7.7	6.8	5.3	4.4	7.0	6.0	5.5	4.3	4.8
	1EB	0.6	2.9	6.3	7.7	7.4	4.9	3.9	6.8	5.6	6.4	4.8	5.2
	1EC	0.6	2.8	5.8	7.7	6.9	5.0	4.4	5.9	5.7	5.6	4.9	4.9
	1ED	0.5	2.6	6.1	7.6	8.1	3.8	3.2	5.3	5.7	6.4	5.4	5.1
	1EE	0.6	2.6	6.2	7.8	9.5	2.8	2.4	4.4	5.7	6.4	6.2	5.1
	1EF	0.7	3.2	6.1	7.7	10.1	2.5	2.2	3.8	5.2	6.0	6.2	5.2
	1EG	0.8	2.4	6.3	7.1	8.1	2.9	2.6	5.0	6.1	6.6	5.5	5.3
	1FA	1.4	2.5	4.6	7.1	4.8	3.1	5.3	5.8	5.0	4.5	3.3	3.2
	1FB	1.1	2.6	4.9	7.1	6.1	3.8	4.5	6.8	5.9	4.6	2.7	4.4
	1FC	1.3	2.7	5.0	7.2	6.2	4.2	4.0	7.5	6.3	5.0	2.4	4.2
	1FD	1.4	2.6	5.1	7.1	5.8	3.8	4.1	7.1	6.1	4.9	2.4	3.7
	1FE	1.2	3.1	6.0	7.4	6.9	4.4	3.1	6.7	5.9	6.0	3.8	4.9
	1FF	1.4	3.5	6.4	6.8	7.0	3.4	2.4	5.3	5.3	6.2	4.1	5.1
	1FG	1.0	2.7	6.3	6.1	7.9	2.1	2.2	3.9	5.4	6.0	5.1	5.4
LVSCA	1GA	1.4	3.3	5.2	6.6	5.1	2.9	5.1	5.3	5.0	4.5	3.8	4.1
	1GB	1.3	3.7	6.6	7.5	5.8	3.3	3.5	5.8	6.0	5.2	2.4	4.9
	1GC	1.3	4.1	5.9	5.9	5.0	2.2	4.9	6.4	5.0	5.6	3.4	4.7
	1GD	1.4	5.3	7.9	7.2	6.4	2.5	3.3	3.8	5.4	5.4	3.4	6.4
	1GE	1.3	4.9	8.8	7.8	6.9	2.3	3.2	3.8	5.5	5.2	3.5	6.1
	1GF	1.4	4.5	7.4	7.8	6.8	2.3	2.3	3.6	4.9	5.1	3.3	5.6
	1GG	1.4	4.8	6.4	6.1	5.8	2.6	5.1	5.4	5.1	5.5	3.7	5.5
	1HA1	1.8	4.0	6.5	6.8	6.2	2.9	2.2	4.9	5.0	5.4	3.0	4.8
	1HA2	1.7	4.1	6.7	7.0	5.9	2.3	2.1	4.0	4.9	5.1	2.9	5.1
	1HB1	1.3	3.0	6.4	5.8	6.7	2.0	2.1	3.8	5.2	5.7	4.5	5.3
	1HB2	1.9	4.2	6.7	6.3	6.4	2.4	1.6	3.8	4.4	5.7	3.6	5.0
	1HC	1.1	3.0	6.2	5.7	6.6	1.5	2.0	3.3	5.3	5.2	5.0	5.3
	1HD	1.4	5.5	6.1	7.2	6.2	2.4	1.8	5.0	3.7	4.8	3.7	5.7
	1HE	1.5	5.5	5.9	7.3	5.7	2.4	1.4	5.2	3.8	4.5	4.8	5.9
	1HF	1.1	4.2	5.4	7.1	4.9	1.6	1.2	3.1	4.4	3.2	6.1	5.5
	1HG	1.2	3.4	5.4	6.3	4.7	1.5	1.3	2.4	4.3	3.2	6.0	5.5
	1JA	1.4	5.1	7.8	8.1	6.3	2.3	4.3	5.3	5.2	5.7	3.5	5.3
	1JB	1.6	5.7	10.0	9.2	8.0	2.8	3.7	4.8	5.8	5.5	3.7	5.8
	1JC	1.5	5.4	10.0	7.7	7.5	2.6	4.1	5.5	6.0	5.7	3.4	5.8
	1JD	1.4	5.2	9.9	8.9	8.0	2.7	3.0	4.6	5.8	5.3	3.5	5.6
	1JE	2.1	6.2	6.9	9.0	5.7	2.4	2.3	4.7	4.4	5.4	4.3	6.1
	1JF	1.4	5.6	7.5	8.5	6.3	2.2	2.9	4.9	4.5	5.2	3.6	5.2
	1JG1	1.2	5.1	7.7	8.0	7.1	2.5	2.5	4.8	4.7	4.9	3.4	5.4
	1JG2	1.6	5.2	6.3	7.4	6.5	2.4	1.9	4.3	3.9	5.0	3.2	5.6
	1KA	1.9	5.5	6.0	7.5	5.3	2.7	1.5	5.3	3.8	4.4	5.9	6.4
	1KB	2.2	4.4	6.1	6.7	4.7	2.4	1.5	3.8	3.9	3.9	5.5	6.1
	1KC	4.2	5.0	6.8	6.7	4.4	2.8	2.0	3.7	4.6	4.2	5.1	6.8
	1LA1	1.8	5.9	6.5	9.5	5.3	2.0	3.3	4.3	4.5	6.0	4.1	5.7
	1LA2	5.5	6.7	5.7	6.7	4.2	2.4	2.1	3.7	4.4	3.7	3.7	7.0
	1LA3	7.0	4.2	3.9	5.9	3.4	1.3	1.2	2.6	4.1	3.2	3.1	7.3
	1LB1	2.8	5.8	5.2	8.6	4.6	1.8	2.5	3.4	4.0	5.3	3.8	6.0
	1LB2	6.5	5.4	4.1	6.5	3.7	1.5	1.6	2.9	4.3	3.4	3.3	7.5

Monthly Rainfall by Sub-basin

Year 2029 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.1	1.0	1.7	1.9	2.3	0.0	0.3	0.0	0.6	0.5	1.3	1.1
	2AB	0.0	1.0	1.5	1.7	2.4	0.0	0.5	0.0	0.6	0.2	0.9	1.0
	2BA	0.1	1.5	4.4	5.6	5.2	2.7	5.8	3.5	3.2	3.3	2.2	4.7
	2BB	0.1	1.4	2.6	5.0	3.3	1.7	4.2	1.9	2.4	2.4	1.7	3.7
	2BC	0.2	1.4	3.4	4.4	3.7	2.0	4.8	2.1	2.6	2.8	1.7	4.5
	2BD	0.1	0.9	0.9	2.9	1.8	0.3	1.6	0.1	1.3	0.8	1.4	1.4
	2CA	0.0	0.8	0.9	2.5	1.9	0.2	1.2	0.0	1.2	0.5	1.3	1.2
	2CB	0.7	4.6	4.4	7.7	4.2	2.0	5.7	2.6	3.5	4.9	3.2	5.2
	2CC	0.2	1.5	2.2	4.4	2.7	0.8	2.6	1.0	1.9	2.2	2.1	2.4
	2D	0.7	2.0	3.6	4.9	2.8	0.6	3.1	1.4	1.5	3.2	3.5	2.4
	2EA	1.3	2.1	2.4	5.1	3.6	1.5	5.0	3.0	3.5	4.4	4.2	5.1
	2EB	1.2	2.3	2.5	5.4	3.4	1.4	4.6	2.7	2.7	3.8	3.9	5.2
	2EC	1.0	2.7	2.8	5.3	3.4	1.4	5.5	3.4	3.4	5.3	4.4	4.2
	2ED	1.3	2.1	3.4	5.6	3.1	1.9	6.2	5.3	3.7	4.4	4.3	3.3
	2EE	0.8	4.0	3.2	5.9	3.1	1.8	5.8	2.4	2.6	4.6	3.1	5.8
	2EF	1.0	2.4	2.8	5.1	3.0	1.5	6.0	4.6	3.2	4.9	3.9	4.2
	2EG1	0.9	3.3	3.4	6.1	3.2	1.6	5.5	5.4	3.7	5.5	4.2	3.8
	2EG2	0.8	3.2	2.7	5.2	3.1	1.5	5.8	2.9	2.8	4.6	3.5	5.1
	2EH	0.6	5.4	3.9	6.6	3.6	1.9	5.8	1.7	2.5	4.7	2.9	5.7
	2EJ	0.7	2.6	2.5	5.5	2.7	1.1	4.3	1.1	1.6	3.0	3.3	2.5
	2EK	0.7	2.8	2.5	5.5	3.0	1.4	4.5	1.6	1.7	3.2	3.2	4.1
	2FA	1.6	2.3	2.5	5.0	3.4	1.5	3.6	3.9	3.6	5.4	3.6	5.5
	2FB	1.2	2.5	2.6	4.8	3.4	1.5	5.0	3.1	4.1	5.3	4.3	4.6
	2FC	1.2	2.8	2.8	5.4	3.3	1.6	4.1	3.4	3.5	5.0	4.0	4.5
	2GA	1.7	2.2	2.2	5.3	3.2	1.3	2.7	4.1	4.1	5.4	3.8	6.2
	2GB	1.8	2.2	2.3	5.5	3.4	1.4	3.1	4.3	4.0	5.4	4.1	6.2
	2GC	1.9	3.0	2.5	7.9	4.1	1.8	2.3	4.7	4.8	6.2	5.7	7.2
	2GD	2.3	2.8	2.5	7.0	3.7	1.5	1.4	4.1	4.2	5.3	4.6	6.9
	2H-1	5.0	2.2	3.3	7.8	4.5	0.8	0.8	1.7	2.3	3.7	3.8	7.2
	2H-2	4.6	1.4	3.7	8.4	4.8	0.6	0.7	0.8	1.4	3.6	3.6	6.7
	2H-3	4.4	0.8	3.9	7.6	3.8	0.5	0.3	0.5	0.9	3.2	3.3	5.9
	2J	0.0	1.0	1.3	1.8	2.3	0.0	0.8	0.0	0.7	0.1	0.8	1.0
	2KA	5.1	4.1	3.3	6.6	3.4	1.0	1.4	2.5	3.2	3.0	2.9	7.1
	2KB	6.9	2.0	2.5	6.0	3.4	0.4	0.6	1.7	2.6	2.5	2.6	7.6
	2KC	6.5	1.8	3.0	6.4	3.7	0.5	0.5	1.2	2.3	2.5	2.6	7.3
ACA	3AA	4.3	1.7	3.7	9.3	5.8	0.7	1.1	0.8	1.5	3.3	3.9	6.8
	3AB	3.6	0.9	4.1	8.0	3.3	0.5	0.3	0.5	0.8	3.6	3.8	6.0
	3AC	4.4	1.5	3.5	10.4	3.8	0.3	0.7	0.7	0.9	3.3	5.3	5.1
	3BA	4.7	2.4	3.9	10.8	6.3	0.8	1.4	1.1	1.8	3.7	4.9	6.8
	3BB	5.0	2.9	4.1	11.7	6.5	1.0	1.6	1.4	1.9	4.6	5.4	7.0
	3BC	4.9	3.4	4.3	12.2	6.6	1.3	1.6	1.9	2.6	5.5	6.1	7.3
	3BD	5.0	3.2	4.2	12.0	6.1	1.2	1.6	1.9	2.4	5.4	6.0	7.2
	3CB	5.1	2.9	4.3	12.1	5.3	1.0	1.3	1.6	2.3	5.2	6.3	6.5
	3DA	3.7	1.4	3.7	11.6	3.2	0.1	0.3	0.4	0.5	3.1	7.0	4.5
	3DB	3.9	0.6	4.9	11.7	2.1	0.3	0.1	0.5	0.3	4.9	10.7	5.8
	3EA	4.0	0.7	3.7	10.2	2.0	0.1	0.2	0.5	0.3	3.5	6.1	4.7
	3EB	4.1	0.5	5.3	10.9	2.2	0.3	0.2	0.6	0.3	4.0	8.3	5.9
	3EC	4.4	0.2	5.8	10.0	2.4	0.4	0.2	0.6	0.3	4.0	8.2	6.3
	3ED	4.2	0.2	6.0	11.0	2.3	0.6	0.2	0.6	0.3	4.3	11.4	6.8
	3FA	4.1	0.4	4.5	8.3	2.4	0.7	0.1	0.2	0.3	3.4	6.1	5.6
	3FB	3.0	0.4	2.2	8.6	1.5	0.7	0.0	0.1	0.0	3.3	7.8	5.0
	3G	3.6	1.3	4.1	8.8	2.1	0.3	0.1	0.4	0.1	3.9	5.9	5.0
	3HA	1.8	0.2	3.2	8.1	3.1	0.1	0.0	0.3	0.1	3.5	5.8	3.5
	3HB	1.6	0.1	2.1	6.6	2.4	0.9	0.7	0.7	0.5	3.2	4.2	3.3
	3HC	2.0	0.1	1.1	5.1	2.7	2.9	1.9	1.2	0.8	2.9	3.9	3.3
	3HD1	2.2	0.2	1.0	6.2	3.5	3.6	2.3	1.4	1.0	2.8	4.4	3.5
	3HD2	1.9	0.1	1.0	5.3	3.4	3.8	2.2	1.3	0.9	2.7	4.2	4.3
	3J	2.9	0.6	5.0	9.3	2.9	0.2	0.1	0.8	0.2	3.8	5.0	4.2
	3K	1.6	0.1	2.9	8.0	7.2	1.9	1.9	1.9	1.1	3.1	6.2	2.8
	3LA	1.6	0.1	2.3	6.9	2.9	1.0	0.8	0.8	0.7	3.6	4.2	3.3
	3LB	2.1	0.1	1.0	7.0	3.8	3.7	2.5	1.3	1.1	3.3	4.4	3.3
	3MA-1	2.0	0.6	4.8	9.0	3.3	0.2	0.2	0.6	0.5	4.8	5.4	3.6
	3MA-2	1.4	0.2	2.7	7.9	4.9	0.9	1.0	1.2	0.8	3.7	5.6	3.0
	3MB	1.5	0.0	2.8	7.2	6.0	1.6	1.5	1.7	1.1	3.1	5.3	2.6
	3MC	1.7	0.0	2.6	8.8	7.7	1.9	1.9	1.9	1.1	2.8	6.6	2.6
	3MD1	1.9	0.0	2.8	7.1	6.6	2.3	1.7	1.9	1.6	4.1	3.7	3.3
	3MD2	1.7	0.0	3.6	6.4	7.4	2.1	2.1	2.3	1.5	3.5	5.4	3.0
	3N	4.6	1.5	4.4	7.4	2.3	0.5	0.1	0.2	0.3	3.7	4.6	5.7

Monthly Rainfall by Sub-basin

Year 2029 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.5	3.9	2.7	7.7	4.9	0.5	2.0	0.9	1.8	4.6	8.0	5.5
	4AB	2.2	3.9	2.3	7.5	4.5	0.9	2.4	1.8	2.5	4.0	6.9	6.0
	4AC	2.3	4.1	2.5	8.5	4.7	1.2	2.3	2.3	3.0	4.9	8.4	7.2
	4AD	2.8	4.2	2.9	9.6	5.1	1.6	2.1	2.7	3.6	6.1	8.6	7.4
	4BA	2.5	3.1	2.7	9.3	4.9	1.0	1.4	1.2	2.1	7.2	8.9	5.5
	4BB	2.6	3.7	2.7	8.6	5.0	0.7	1.5	1.0	1.7	5.8	8.8	5.7
	4BC	2.3	2.2	2.9	9.3	4.8	0.7	1.3	1.0	1.7	7.5	8.6	4.9
	4BD	3.6	3.6	3.4	10.9	5.4	1.8	1.4	2.5	3.5	8.1	9.1	6.9
	4BE	3.8	2.9	3.9	11.5	5.1	1.5	1.2	1.9	3.0	8.3	8.8	6.3
	4BF	3.9	1.8	3.7	11.1	4.1	0.7	1.2	1.0	1.8	6.6	7.6	5.1
	4BG	2.7	1.2	3.9	10.2	3.5	0.3	0.8	0.5	0.9	5.2	8.3	4.9
	4CA	4.3	4.1	4.3	12.3	5.9	2.1	1.4	3.4	4.3	7.6	7.8	7.9
	4CB	4.8	3.9	4.6	13.1	5.9	1.8	1.3	2.5	3.7	7.7	8.1	7.3
	4CC	3.6	1.6	3.9	11.2	3.8	0.3	0.7	0.5	1.0	3.9	7.3	4.9
	4DA	2.1	1.8	3.5	9.2	4.5	0.5	1.2	0.9	1.5	7.1	9.1	4.9
	4DB	2.5	1.7	3.6	9.4	4.9	0.5	1.2	1.2	1.7	8.1	10.0	4.7
	4DC	2.9	1.7	3.8	9.7	5.2	0.4	1.2	1.4	1.9	8.8	10.9	4.6
	4DD	2.1	0.6	4.1	8.6	3.5	0.3	0.8	0.6	0.9	6.1	10.0	4.8
	4DE	2.3	0.9	3.9	9.4	2.8	0.1	0.4	0.2	0.4	3.8	8.7	5.0
	4EA	4.4	1.7	3.6	9.9	3.6	0.2	0.5	1.0	1.7	11.0	16.5	9.2
	4EB	4.8	1.6	3.9	10.2	4.7	0.3	0.7	1.5	2.1	10.8	15.0	6.7
	4EC	3.5	0.9	3.9	9.9	4.3	0.3	0.8	1.2	1.5	8.4	12.5	5.1
	4ED	2.9	0.5	3.4	9.9	2.5	0.2	0.4	0.3	0.5	5.5	11.8	5.6
	4FA	3.5	1.6	3.3	9.9	2.7	0.2	0.4	0.6	1.4	10.3	16.9	10.8
	4FB	2.9	1.4	2.8	9.8	2.3	0.2	0.3	0.4	1.1	9.2	16.5	10.2
	4GA	2.0	1.5	1.9	7.0	1.5	0.1	0.2	0.2	0.7	6.9	13.8	7.9
	4GB	1.7	1.2	1.4	8.2	1.2	0.1	0.1	0.1	0.4	5.5	12.5	5.8
	4GC	1.2	0.9	0.4	7.1	0.6	0.1	0.1	0.0	0.3	3.2	8.3	1.8
	4GD	1.7	0.5	0.9	7.8	1.0	0.2	0.3	0.1	0.4	3.7	9.5	3.3
	4GE	2.0	0.3	1.3	9.0	1.2	0.2	0.2	0.1	0.3	4.4	11.5	5.2
	4GF	1.9	0.3	1.0	7.4	1.3	0.6	0.3	0.2	0.5	3.2	10.3	5.5
	4GG	1.4	0.1	0.9	4.5	3.0	2.4	1.2	1.0	1.0	1.4	4.8	4.9
	4HA	3.0	0.2	2.4	10.8	1.1	0.4	0.0	0.2	0.1	4.4	13.1	5.9
	4HB	1.9	0.1	0.9	7.6	1.0	0.7	0.3	0.2	0.3	2.8	10.1	5.6
	4HC	1.6	0.1	1.7	6.5	1.8	0.8	0.5	0.5	0.3	2.8	6.2	3.8
	4JA	1.3	0.4	0.3	5.3	1.5	0.5	0.6	0.3	0.6	2.5	7.8	2.1
	4JB	1.8	0.2	0.3	4.4	3.7	1.9	1.0	1.0	1.3	1.6	8.7	3.8
	4KA	1.7	0.2	0.3	4.8	2.9	1.4	0.9	0.8	1.1	1.9	8.2	3.4
	4KB	1.6	0.3	0.5	4.7	2.9	1.5	0.9	0.7	1.1	1.6	7.4	3.9
ENNCA	5AA	1.6	1.2	2.4	5.7	3.1	1.3	3.5	2.8	2.7	3.2	4.4	4.1
	5AB	1.5	1.0	2.2	5.6	2.7	1.1	3.1	2.4	2.2	3.0	4.3	3.3
	5AC	1.0	1.0	2.1	5.7	2.1	1.1	3.0	0.9	1.8	2.6	4.2	2.0
	5AD	1.3	0.6	2.2	5.2	2.2	0.8	2.8	1.1	1.6	2.4	4.1	1.7
	5BA	2.1	3.3	2.3	6.2	4.1	0.5	2.5	1.3	2.0	2.9	5.2	4.2
	5BB	1.9	2.5	2.1	5.7	3.6	0.7	2.7	1.9	2.2	2.9	4.9	4.1
	5BC-1	1.8	1.9	2.5	5.2	3.5	0.4	2.7	1.2	1.8	2.8	4.6	3.0
	5BC-2	1.4	0.7	2.5	5.0	2.6	0.5	2.9	0.8	1.7	2.4	3.9	1.5
	5BD	1.5	0.9	2.2	5.0	2.7	0.7	3.0	1.8	1.7	2.6	4.0	2.3
	5BE	2.1	1.5	2.9	5.2	3.3	0.2	2.1	0.7	1.7	4.1	5.9	3.8
	5CA	1.1	1.3	2.3	5.8	2.0	0.6	3.5	1.7	1.5	2.5	4.4	1.3
	5CB	1.1	1.0	3.2	5.2	2.1	0.3	2.6	1.5	1.3	3.2	4.7	2.1
	5CC	1.0	1.1	3.9	4.8	2.4	0.3	2.3	1.4	1.2	3.1	4.5	1.6
	5DA	2.3	1.6	3.2	6.1	1.9	0.0	0.5	0.2	1.2	6.6	10.6	7.3
	5DB	1.9	1.2	3.0	5.2	2.4	0.1	1.6	0.4	1.5	4.1	6.6	3.8
	5DC	1.4	0.7	2.6	5.7	2.0	0.5	2.7	0.7	1.6	2.3	4.8	1.3
	5DD	1.4	1.0	2.7	5.7	1.8	0.4	2.3	1.0	1.4	3.5	5.7	2.8
	5EA	0.2	0.5	1.3	3.4	2.4	0.2	0.0	0.1	0.1	1.6	4.0	1.1
	5EB	0.6	0.9	1.4	4.7	2.8	0.4	0.1	0.1	0.1	1.6	4.7	1.7
	5EC	1.1	1.2	2.2	5.9	2.3	0.3	0.5	0.3	0.4	2.5	6.3	2.3
	5ED	1.1	1.5	1.8	5.0	1.3	0.1	0.1	0.1	0.6	4.9	10.4	6.0
	5FA	0.8	0.8	0.7	4.6	0.9	0.1	0.1	0.0	0.3	3.0	7.7	3.1
	5FB	0.4	0.5	0.7	3.5	1.2	0.0	0.0	0.0	0.2	1.9	5.2	1.2
	5G	0.1	0.3	1.4	4.0	2.6	0.3	0.0	0.1	0.1	1.3	3.5	1.0
	5HA	0.0	0.1	1.1	5.0	2.1	0.1	0.0	0.1	0.1	1.0	2.9	0.7
	5HB	0.1	0.3	1.4	5.4	2.1	0.4	0.0	0.1	0.1	1.0	3.2	1.1
	5J	0.6	0.9	1.8	3.8	2.5	0.2	0.3	0.2	0.4	1.2	3.3	1.5

Monthly Rainfall by Sub-basin

Year 2030 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.0	6.6	8.2	10.5	5.9	1.9	3.1	4.3	4.5	4.3	4.3	2.4
	1AB	2.0	5.8	7.3	9.8	5.3	1.8	3.5	4.2	3.6	3.6	3.4	2.3
	1AC	2.3	5.7	8.7	9.9	5.8	1.9	3.6	5.5	3.5	3.9	3.6	2.5
	1AD	2.2	7.2	9.5	11.1	6.5	2.0	2.4	5.5	5.1	5.1	4.9	2.7
	1AE	2.3	8.1	9.6	11.8	7.2	1.9	1.5	4.7	6.9	5.7	6.0	2.9
	1AF	2.2	7.0	9.3	10.8	6.3	2.0	2.4	5.6	4.8	5.1	4.9	2.8
	1AG	2.1	7.2	8.8	10.6	6.0	2.1	2.2	5.7	4.6	5.3	5.1	2.8
	1AH	2.0	8.2	8.5	10.7	6.4	1.9	1.6	4.0	6.0	5.8	5.5	3.0
	1BA	1.2	5.1	4.6	4.1	2.5	0.8	4.7	2.4	1.5	2.3	4.6	2.6
	1BB	1.0	5.1	4.3	5.8	3.0	1.1	4.1	3.0	2.0	2.8	3.3	2.3
	1BC	1.2	5.3	4.4	8.2	4.1	1.4	4.3	3.4	2.8	3.5	2.8	1.8
	1BD	1.5	5.8	4.5	6.5	3.9	1.0	4.6	3.4	2.7	2.1	3.2	2.3
	1BE	1.3	5.1	4.3	8.7	4.4	1.5	4.1	3.5	3.1	3.1	2.7	1.9
	1BG	1.7	5.7	4.9	8.9	4.5	1.6	4.2	3.7	3.5	2.9	2.6	1.9
	1BH	1.9	5.9	5.8	9.1	4.8	1.7	4.2	4.2	3.5	2.9	2.7	2.2
	1CA	1.6	6.0	4.6	5.3	4.0	0.9	5.3	3.2	2.3	1.7	3.9	2.5
	1CB	1.7	6.2	4.9	6.1	4.5	1.0	5.4	3.8	2.5	1.7	3.5	2.8
	1CC	1.7	6.3	5.2	7.0	4.0	1.0	5.1	4.7	2.2	2.0	3.1	3.1
	1CD	2.2	6.5	6.1	7.2	5.0	1.2	5.4	6.1	3.1	2.1	2.9	2.5
	1CE	2.2	6.5	6.7	8.1	5.5	1.7	5.2	6.1	3.6	2.5	2.9	2.2
	1DA	2.6	6.2	8.6	8.8	6.0	1.8	4.5	8.2	3.7	3.3	3.3	2.3
	1DB	2.1	5.7	7.3	9.4	5.2	1.8	4.0	5.1	3.3	3.3	3.1	2.3
	1DC	2.5	6.0	8.7	9.5	5.7	2.0	3.6	7.2	3.5	4.0	3.9	2.7
	1DD	2.3	6.4	8.9	10.0	5.8	2.0	2.9	6.7	3.8	4.6	4.4	2.8
	1EA	3.2	6.6	8.6	8.5	5.8	1.8	4.5	10.6	4.0	3.3	3.8	2.5
	1EB	3.2	6.7	8.6	8.7	5.8	2.3	3.3	10.9	4.0	4.2	5.2	2.6
	1EC	3.0	6.5	9.4	9.1	6.1	2.1	3.9	10.0	4.0	3.9	4.0	2.5
	1ED	2.3	7.4	8.3	9.6	5.5	2.2	2.6	7.4	4.2	5.1	5.0	2.9
	1EE	1.6	8.5	7.4	9.8	5.2	2.2	1.9	4.1	4.8	5.9	5.1	3.1
	1EF	1.7	8.1	7.5	9.5	5.5	1.9	1.7	3.6	4.9	5.8	4.9	3.2
	1EG	1.7	8.2	7.0	8.4	4.6	2.2	2.0	5.2	3.7	5.4	4.8	3.2
	1FA	1.7	6.5	5.8	8.3	3.9	1.1	4.9	5.8	2.0	2.4	2.8	3.3
	1FB	2.4	6.7	6.5	7.9	4.8	1.3	5.3	7.5	2.8	2.5	3.0	2.6
	1FC	2.5	6.8	6.7	8.4	4.6	1.4	5.4	7.7	2.7	2.6	3.2	2.8
	1FD	2.2	6.9	6.5	8.8	4.1	1.3	5.2	6.6	2.1	2.6	2.9	3.1
	1FE	2.8	6.9	8.0	8.3	5.0	2.0	3.7	9.2	3.4	3.4	4.0	2.9
	1FF	2.4	7.0	7.6	7.0	4.1	2.0	2.6	7.3	3.0	3.7	4.3	3.0
	1FG	1.7	7.8	6.5	7.0	4.6	1.7	1.8	3.7	3.5	5.2	4.1	3.5
LVSCA	1GA	2.6	6.5	6.3	8.8	3.7	1.3	4.1	5.6	2.3	2.5	2.5	3.7
	1GB	2.6	7.0	6.8	9.6	4.5	1.6	4.6	5.2	2.2	2.7	2.5	3.5
	1GC	3.1	6.1	6.3	7.2	3.9	1.7	3.1	4.8	3.2	3.0	2.8	3.6
	1GD	3.5	7.2	6.9	9.3	4.2	2.0	3.8	4.2	3.0	3.2	2.7	3.8
	1GE	3.3	7.3	7.3	9.4	4.7	2.6	4.1	4.8	3.4	3.8	3.4	3.4
	1GF	2.8	6.9	7.6	8.9	4.6	2.7	3.8	4.6	2.9	3.7	3.4	3.3
	1GG	3.6	6.6	6.4	8.0	3.9	1.5	3.5	5.0	3.1	2.8	2.8	3.9
	1HA1	2.3	6.8	7.3	7.4	3.4	2.0	3.3	5.8	2.4	2.8	3.2	3.2
	1HA2	2.3	6.8	6.9	8.0	3.3	2.1	3.5	4.2	2.2	3.0	2.6	3.4
	1HB1	1.9	7.3	6.7	6.4	3.9	1.7	1.9	4.0	2.7	4.4	3.6	3.4
	1HB2	2.2	6.8	7.6	5.9	3.2	1.8	2.2	5.5	2.5	2.9	3.5	3.2
	1HC	1.9	7.1	6.4	6.7	4.2	1.4	1.7	2.8	2.8	4.8	3.3	3.6
	1HD	3.2	7.0	9.3	10.3	6.3	2.5	3.3	4.0	3.0	3.8	3.7	3.8
	1HE	3.2	6.9	9.6	11.0	6.8	2.1	2.5	3.5	3.0	4.0	3.6	3.7
	1HF	2.0	5.6	8.4	10.5	5.5	1.1	1.0	2.4	2.4	4.0	2.9	3.4
	1HG	1.8	5.6	7.9	9.3	5.2	0.9	0.9	2.1	2.3	4.3	2.9	3.2
	1JA	3.3	6.7	8.4	9.1	6.0	2.2	3.6	5.3	3.5	3.7	3.7	3.4
	1JB	3.7	7.6	9.6	10.7	7.6	2.5	4.3	6.4	4.0	3.8	4.4	3.6
	1JC	3.8	7.8	8.3	9.2	6.1	2.4	4.0	6.1	4.3	3.7	4.0	3.6
	1JD	3.5	7.7	9.4	10.3	7.4	2.8	4.6	6.3	4.0	3.8	4.5	3.6
	1JE	3.2	6.4	10.7	11.3	8.1	2.1	3.2	4.2	2.6	4.0	3.9	3.8
	1JF	3.2	6.6	9.9	10.4	7.3	2.3	3.7	5.0	3.1	3.8	3.9	3.8
	1JG1	3.3	7.2	9.4	10.2	7.0	2.8	4.3	5.1	3.3	3.8	4.1	3.8
	1JG2	3.0	7.0	8.7	9.4	5.5	2.6	3.5	4.3	2.9	3.6	3.5	3.5
	1KA	3.2	7.1	10.5	12.1	8.2	2.0	2.3	3.2	3.2	4.1	3.6	3.6
	1KB	2.3	6.7	10.3	10.7	7.7	1.5	1.7	2.6	2.8	4.2	3.1	3.3
	1KC	2.4	7.5	10.6	10.1	8.4	1.4	2.0	2.5	2.5	4.2	3.2	3.4
	1LA1	2.8	5.7	8.7	10.8	6.1	1.8	2.8	4.6	2.5	4.1	3.3	2.9
	1LA2	2.8	7.3	8.2	10.6	6.6	1.2	2.2	3.0	1.6	4.1	3.8	3.4
	1LA3	2.3	4.5	7.5	9.3	3.6	0.9	1.4	1.6	0.8	4.1	3.7	1.9
	1LB1	2.6	5.4	8.2	10.2	5.6	1.5	2.3	3.7	1.9	4.1	3.2	2.8
	1LB2	2.4	5.2	7.5	9.3	4.1	1.0	1.6	2.2	0.9	4.3	3.9	2.2

Monthly Rainfall by Sub-basin

Year 2030 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.6	2.3	1.8	2.8	0.6	0.0	0.1	0.8	0.1	1.5	0.4	1.5
	2AB	0.4	1.7	1.6	2.0	0.4	0.0	0.2	1.6	0.1	1.3	0.2	1.0
	2BA	1.2	5.7	4.1	7.0	3.7	1.5	4.5	3.0	2.1	3.0	2.8	1.9
	2BB	0.8	4.8	3.3	4.4	2.4	1.2	3.9	2.0	1.1	2.0	2.2	1.7
	2BC	0.8	5.1	3.3	5.3	3.1	1.5	4.5	2.3	1.4	2.1	2.4	2.0
	2BD	0.2	2.2	1.6	1.7	0.5	0.3	1.3	1.6	0.1	1.0	1.0	1.1
	2CA	0.1	1.7	1.4	1.5	0.3	0.0	0.7	1.7	0.0	1.0	0.7	1.0
	2CB	2.7	5.5	5.0	6.5	3.5	1.3	5.4	2.7	1.6	2.6	4.8	3.1
	2CC	0.7	3.5	2.9	3.1	1.3	0.5	2.3	1.8	0.6	1.9	2.1	1.7
	2D	1.3	4.8	5.1	5.8	1.8	0.8	2.6	1.8	0.9	3.0	2.7	2.7
	2EA	1.6	3.7	4.9	6.4	3.2	1.4	3.0	2.3	1.2	2.6	2.0	2.0
	2EB	1.9	3.8	4.1	6.2	2.8	1.4	3.3	2.3	1.0	2.6	2.2	2.2
	2EC	1.9	4.4	5.8	6.6	3.7	1.2	2.6	2.4	1.5	2.4	1.9	2.2
	2ED	1.9	4.7	4.9	7.7	2.8	1.3	3.2	4.7	1.6	2.3	2.2	3.4
	2EE	3.1	4.9	3.7	7.2	2.6	1.3	4.3	2.6	1.1	2.2	3.2	2.9
	2EF	2.3	4.5	4.4	6.8	2.7	1.2	3.0	3.5	1.3	2.1	1.9	2.7
	2EG1	2.3	5.0	6.1	6.4	3.5	1.3	2.5	3.1	2.0	2.7	1.7	2.7
	2EG2	2.6	4.5	4.0	6.7	2.8	1.2	3.3	2.5	1.1	2.2	2.4	2.5
	2EH	3.7	5.5	4.2	7.5	3.5	1.4	5.2	2.2	1.3	2.8	4.8	3.0
	2EJ	2.5	4.6	3.9	6.7	2.4	1.3	2.8	1.8	0.7	2.3	2.4	2.9
	2EK	2.2	3.7	2.7	6.3	2.3	1.0	2.9	2.1	0.7	2.3	2.5	2.5
	2FA	2.1	3.3	7.4	7.9	2.6	1.8	2.6	2.7	1.1	3.2	2.7	1.8
	2FB	1.7	3.8	6.3	7.3	3.7	1.3	2.4	2.3	1.5	2.6	2.3	2.2
	2FC	2.1	4.1	6.7	7.2	3.2	1.4	2.5	2.3	1.4	2.8	2.2	2.0
	2GA	1.9	3.7	6.9	7.9	3.2	1.8	2.4	2.9	1.4	3.2	2.4	1.8
	2GB	2.0	3.3	7.1	8.0	3.2	2.1	2.5	3.0	1.5	3.4	2.7	1.9
	2GC	2.3	3.5	8.8	9.0	5.9	2.4	2.1	3.0	2.2	4.1	3.5	2.5
	2GD	1.9	4.3	7.5	7.8	4.8	1.8	2.1	2.7	1.6	3.7	2.7	2.0
	2H-1	1.9	2.5	7.7	8.0	3.7	0.8	0.7	0.8	0.8	5.0	4.4	2.4
	2H-2	2.1	1.1	7.7	8.2	3.0	0.5	0.2	0.2	0.7	5.6	5.0	3.1
	2H-3	2.1	1.1	6.6	8.1	2.6	0.2	0.1	0.2	0.4	4.6	4.3	3.2
	2J	0.3	1.6	1.5	1.8	0.4	0.0	0.4	1.8	0.1	1.1	0.3	0.9
	2KA	1.9	4.2	6.7	7.6	3.1	1.0	1.4	1.8	0.9	3.9	2.4	1.5
	2KB	1.8	2.1	6.6	7.5	1.9	0.6	0.6	0.4	0.4	5.2	3.6	1.1
	2KC	2.0	1.6	6.6	7.8	1.9	0.4	0.4	0.3	0.4	5.7	4.6	1.6
ACA	3AA	2.1	1.4	8.1	8.4	3.8	0.5	0.3	0.2	1.0	6.2	5.3	4.0
	3AB	2.1	1.0	7.1	8.2	2.5	0.2	0.1	0.2	0.5	5.7	5.0	4.1
	3AC	2.0	1.8	8.9	7.8	2.5	0.4	0.1	0.1	0.9	5.9	6.8	4.8
	3BA	2.1	2.1	9.7	8.7	4.6	0.8	0.4	0.4	1.2	6.2	6.0	4.3
	3BB	2.1	2.6	10.9	9.0	5.5	1.1	0.5	0.6	1.3	6.1	6.6	4.5
	3BC	2.1	2.8	11.6	9.6	6.5	1.4	0.9	1.0	1.4	6.1	6.5	4.4
	3BD	2.2	3.0	11.5	9.3	6.0	1.4	0.8	0.9	1.5	6.3	6.5	4.5
	3CB	2.2	2.9	11.5	9.2	5.5	1.1	0.7	0.8	1.5	6.3	6.6	5.0
	3DA	2.0	1.7	8.8	6.9	2.0	0.1	0.1	0.1	0.5	4.9	7.8	5.5
	3DB	2.4	1.4	9.8	9.2	2.9	0.0	0.1	0.0	0.1	3.4	10.2	6.3
	3EA	2.1	1.2	8.2	8.2	2.2	0.1	0.1	0.1	0.3	4.7	7.7	4.8
	3EB	2.8	1.1	9.1	9.3	3.1	0.0	0.1	0.0	0.1	3.0	8.9	5.2
	3EC	3.0	1.2	8.9	9.7	3.5	0.0	0.1	0.0	0.0	2.7	8.4	4.6
	3ED	3.0	1.1	9.4	10.0	3.7	0.0	0.1	0.0	0.1	2.5	9.6	5.9
	3FA	2.1	2.0	6.9	7.6	2.0	0.0	0.0	0.0	0.1	2.0	5.8	5.6
	3FB	1.2	2.3	6.8	6.3	0.8	0.0	0.0	0.0	0.1	0.4	6.5	9.1
	3G	1.6	2.1	6.4	6.3	1.2	0.1	0.1	0.0	0.2	0.4	4.9	6.9
	3HA	1.5	1.7	6.2	6.0	0.8	0.2	0.1	0.0	0.4	0.5	4.1	7.4
	3HB	1.7	1.4	6.1	5.4	2.4	1.2	0.3	0.2	0.6	0.5	2.8	4.9
	3HC	1.6	1.5	5.3	4.5	4.7	2.1	0.7	0.4	0.8	0.8	1.5	2.8
	3HD1	0.9	1.1	5.7	4.1	5.8	2.8	0.8	0.4	1.2	0.8	1.7	2.6
	3HD2	1.4	1.7	4.7	4.4	5.6	2.1	0.8	0.4	1.0	1.0	1.7	3.1
	3J	1.8	2.3	7.5	7.0	1.1	0.2	0.1	0.0	0.4	0.4	4.9	5.6
	3K	2.4	3.2	4.6	2.9	3.1	1.8	0.6	0.9	1.2	0.2	1.9	4.2
	3LA	1.9	1.4	6.7	5.7	2.2	1.3	0.4	0.3	0.9	0.5	2.8	4.1
	3LB	0.9	0.9	5.8	4.2	5.5	2.7	0.8	0.5	1.3	0.7	1.7	2.6
	3MA-1	2.1	2.3	8.1	6.9	1.0	0.4	0.1	0.2	0.6	0.4	5.1	4.9
	3MA-2	2.1	2.5	5.6	4.7	1.8	1.0	0.3	0.5	0.9	0.3	2.8	4.3
	3MB	2.4	2.3	5.5	3.6	3.0	2.0	0.6	0.8	1.2	0.2	1.7	3.9
	3MC	2.4	3.4	4.2	2.8	3.0	1.7	0.6	0.9	1.1	0.2	1.5	4.6
	3MD1	2.1	1.6	6.2	5.0	3.6	3.4	1.0	1.2	1.6	0.2	2.4	3.1
	3MD2	2.4	3.1	5.4	3.7	3.7	2.7	0.9	1.1	1.5	0.1	2.5	3.2
	3N	2.0	2.1	6.1	6.9	1.5	0.1	0.1	0.1	0.1	1.7	4.1	5.1

Monthly Rainfall by Sub-basin

Year 2030 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	3.2	2.6	9.2	8.0	4.1	0.6	1.2	0.6	1.4	3.7	5.9	5.1
	4AB	2.7	2.9	8.3	7.2	4.3	1.1	1.6	1.2	1.5	3.5	5.0	4.0
	4AC	2.6	3.2	9.4	8.0	5.4	1.4	1.5	1.5	1.6	4.2	5.1	3.7
	4AD	2.6	3.2	10.6	9.0	6.5	1.6	1.7	1.8	1.7	4.8	5.3	3.8
	4BA	2.8	2.6	10.7	9.6	7.1	0.7	1.1	0.7	1.2	4.6	6.1	4.9
	4BB	3.4	2.7	10.2	9.1	5.3	0.6	1.1	0.5	1.4	3.8	6.5	5.1
	4BC	3.0	2.4	10.1	10.5	6.5	0.5	0.7	0.4	1.4	4.7	6.9	5.8
	4BD	2.3	3.0	11.7	10.5	8.1	1.4	1.6	1.6	1.5	5.8	5.9	4.6
	4BE	2.3	3.0	11.9	11.2	7.7	1.0	1.3	1.3	1.3	6.1	6.5	5.3
	4BF	2.3	2.7	11.0	10.0	5.5	0.4	0.5	0.4	1.2	6.1	6.8	5.7
	4BG	2.3	2.5	9.6	9.3	3.3	0.1	0.2	0.1	0.7	4.9	7.0	6.1
	4CA	2.1	3.5	12.4	10.6	8.2	2.0	1.8	2.2	1.9	6.3	5.8	4.1
	4CB	2.1	3.3	13.2	10.8	8.6	1.6	1.6	1.7	1.7	6.9	6.5	4.8
	4CC	2.2	2.3	9.7	7.9	3.0	0.2	0.2	0.1	0.8	5.2	7.2	5.7
	4DA	3.0	2.4	9.4	11.2	5.0	0.4	0.6	0.4	1.2	5.2	7.5	6.6
	4DB	3.3	2.1	9.9	12.8	5.5	0.5	0.7	0.5	1.4	6.8	8.4	7.4
	4DC	3.6	2.1	10.3	13.8	5.9	0.5	0.7	0.6	1.5	7.9	8.9	8.2
	4DD	2.8	1.8	7.2	12.4	3.6	0.2	0.4	0.2	1.0	4.9	7.5	7.4
	4DE	2.4	1.8	7.1	8.9	2.0	0.0	0.2	0.0	0.3	4.1	7.1	6.1
	4EA	3.5	3.6	11.4	14.3	5.3	0.3	0.5	0.5	0.6	10.6	10.2	9.3
	4EB	4.3	3.1	12.0	15.9	6.2	0.4	0.5	0.6	0.8	10.8	9.8	9.7
	4EC	3.7	2.3	9.2	15.2	4.9	0.4	0.5	0.5	1.0	8.0	8.6	8.8
	4ED	2.9	2.8	7.4	11.9	2.1	0.1	0.3	0.1	0.5	4.8	7.8	8.0
	4FA	2.8	3.9	10.0	12.8	3.7	0.2	0.3	0.3	0.3	9.3	10.1	8.7
	4FB	2.6	3.5	8.9	13.1	3.0	0.1	0.3	0.2	0.2	7.9	9.0	8.5
	4GA	1.7	3.4	7.1	10.8	1.9	0.1	0.2	0.1	0.1	5.8	7.4	8.0
	4GB	1.6	2.4	6.7	9.6	1.2	0.1	0.2	0.1	0.1	4.3	6.2	6.9
	4GC	0.8	1.5	5.1	4.5	0.2	0.1	0.3	0.0	0.2	2.5	4.8	4.4
	4GD	1.2	1.9	5.6	5.7	0.9	0.3	0.6	0.0	0.4	2.7	5.6	5.2
	4GE	1.3	2.5	6.7	7.3	1.3	0.3	0.4	0.0	0.4	3.5	7.4	6.7
	4GF	0.9	2.0	5.7	5.6	2.2	0.8	0.7	0.1	0.7	2.0	6.4	6.7
	4GG	1.0	2.0	3.8	3.5	5.7	2.4	1.5	0.2	1.5	1.2	2.4	4.4
	4HA	1.3	2.2	8.9	8.3	1.8	0.0	0.1	0.0	0.2	2.0	9.6	8.6
	4HB	0.9	2.1	5.9	5.5	2.2	0.8	0.5	0.1	0.5	1.0	6.0	7.7
	4HC	1.4	1.7	5.8	5.3	2.2	1.0	0.4	0.1	0.4	0.5	3.5	6.5
	4JA	0.5	1.0	3.9	3.7	1.5	0.5	0.8	0.1	0.7	1.4	3.9	4.3
	4JB	0.6	1.0	2.6	3.4	5.6	1.4	1.2	0.2	1.8	1.5	3.1	5.1
	4KA	0.6	0.9	3.0	3.3	4.3	1.3	1.2	0.2	1.5	1.8	3.3	4.9
	4KB	0.7	1.1	2.9	3.3	4.6	1.4	1.2	0.2	1.5	1.8	3.1	4.9
ENNCA	5AA	1.1	2.9	4.3	6.0	2.4	1.5	3.0	2.6	1.2	3.3	2.0	2.0
	5AB	1.1	2.5	4.0	6.1	2.1	1.4	2.8	2.6	1.4	3.3	2.1	2.2
	5AC	0.8	2.6	3.7	6.1	1.6	1.6	2.5	1.9	1.0	3.1	1.6	2.5
	5AD	0.8	2.3	3.3	5.7	1.6	1.4	2.6	1.9	1.3	3.2	1.9	2.9
	5BA	2.3	2.5	6.2	6.2	3.0	0.8	1.7	1.0	1.4	3.0	4.6	4.1
	5BB	1.9	2.4	5.0	6.1	2.9	1.0	1.9	1.6	1.6	3.1	4.2	3.2
	5BC-1	1.5	2.2	4.2	5.8	2.2	0.7	2.0	1.3	1.3	3.3	3.9	4.2
	5BC-2	0.9	2.2	3.7	5.6	1.5	1.5	2.6	1.5	1.3	3.2	2.6	4.5
	5BD	1.1	2.2	3.1	5.7	1.9	1.1	2.6	2.2	1.4	3.2	2.4	2.8
	5BE	1.6	2.6	5.3	6.0	2.1	0.4	1.5	0.8	1.0	4.7	5.0	6.1
	5CA	0.6	4.5	6.7	7.6	1.5	2.0	3.4	1.8	1.2	2.7	1.2	3.2
	5CB	0.7	4.5	7.1	7.3	1.3	1.8	2.9	1.6	1.2	3.5	1.8	3.5
	5CC	0.8	4.6	6.4	6.7	1.4	1.2	2.3	1.8	1.1	3.5	2.2	3.2
	5DA	1.7	4.1	8.6	7.1	1.7	0.3	0.5	0.2	0.4	7.4	7.5	6.9
	5DB	1.2	3.2	7.0	5.9	1.3	1.2	1.7	0.6	0.8	5.4	4.6	5.8
	5DC	0.7	3.2	6.6	6.7	1.4	3.1	3.4	1.4	1.4	3.5	1.6	3.2
	5DD	0.8	4.3	7.8	7.3	1.2	2.2	2.8	1.2	1.1	4.2	2.6	4.4
	5EA	0.5	2.3	3.0	5.7	0.4	0.1	0.0	0.0	0.0	1.6	2.2	4.0
	5EB	0.9	3.2	2.8	6.8	0.8	0.2	0.0	0.0	0.1	1.6	2.2	4.5
	5EC	1.3	4.4	4.0	7.8	0.9	0.5	0.5	0.3	0.3	2.4	3.4	4.7
	5ED	1.1	3.5	5.9	8.2	1.0	0.1	0.1	0.1	0.1	4.3	6.2	6.0
	5FA	0.6	2.0	4.6	5.8	0.3	0.1	0.1	0.0	0.1	1.8	4.5	5.0
	5FB	0.4	2.0	4.0	5.1	0.1	0.1	0.1	0.0	0.1	1.0	3.3	4.1
	5G	0.3	1.6	1.9	4.9	0.5	0.1	0.0	0.0	0.0	2.2	2.5	2.3
	5HA	0.1	0.7	1.5	5.4	0.1	0.1	0.0	0.0	0.0	2.5	2.1	1.6
	5HB	0.1	1.0	1.3	5.2	0.4	0.2	0.0	0.0	0.0	2.5	2.1	1.3
	5J	0.9	3.9	2.3	5.2	0.8	0.2	0.2	0.6	0.2	1.7	1.9	3.3

Monthly Rainfall by Sub-basin

Year 2031 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.2	2.6	4.9	6.4	8.2	3.9	3.5	3.0	4.2	6.3	2.3	1.6
	1AB	2.2	2.0	4.5	5.2	6.8	3.9	4.3	3.8	4.6	5.8	2.3	1.0
	1AC	2.3	2.4	4.4	5.8	7.2	3.4	4.0	3.1	4.3	5.9	2.0	1.0
	1AD	2.3	3.1	5.0	7.9	9.8	4.2	3.2	2.6	3.4	6.6	2.2	1.9
	1AE	2.4	3.6	5.4	8.8	12.0	5.0	2.4	2.4	3.2	7.6	2.8	2.8
	1AF	2.5	3.0	5.0	7.5	9.5	3.8	3.0	2.5	3.4	6.4	2.2	1.9
	1AG	2.6	3.0	5.4	7.9	9.4	3.7	2.8	2.7	3.3	6.3	2.3	2.1
	1AH	2.2	3.1	5.9	9.0	9.5	4.4	2.5	2.3	2.9	6.7	2.7	2.9
	1BA	3.6	1.0	4.6	1.3	3.5	5.1	5.3	7.2	0.8	3.4	2.5	1.4
	1BB	2.1	1.0	4.0	2.1	4.1	5.1	6.1	7.8	1.6	4.6	2.2	0.9
	1BC	1.5	0.7	4.1	3.2	4.9	6.0	7.5	7.7	2.1	6.1	2.0	0.5
	1BD	2.3	1.3	4.9	3.2	4.3	4.4	5.7	6.2	3.3	4.6	2.7	1.1
	1BE	1.7	1.0	4.3	4.0	5.2	5.1	6.6	6.4	3.4	6.3	2.3	0.5
	1BG	1.7	1.4	4.8	4.5	5.8	4.7	5.9	6.1	4.7	6.1	2.8	0.7
	1BH	1.8	1.7	4.9	4.9	6.0	4.2	5.3	5.4	5.2	6.1	2.7	0.8
	1CA	3.2	1.1	5.6	2.5	3.4	5.6	6.2	6.3	2.0	3.1	2.8	1.3
	1CB	3.1	1.1	6.1	3.3	3.6	6.2	6.3	6.3	2.1	3.2	2.8	1.4
	1CC	3.1	1.0	5.8	4.0	4.4	7.2	5.3	5.8	2.3	3.3	2.5	1.6
	1CD	2.0	1.8	5.3	4.9	5.2	5.1	6.1	5.5	3.6	5.1	2.6	1.1
	1CE	1.5	2.5	5.2	5.8	6.0	3.8	5.6	5.6	5.4	7.1	2.9	1.1
	1DA	1.9	2.8	5.1	6.7	7.7	3.7	5.3	5.2	4.9	7.2	2.5	1.1
	1DB	2.1	2.0	4.6	5.3	6.5	3.7	4.7	4.4	4.8	5.9	2.3	0.9
	1DC	2.5	2.6	4.9	6.4	8.0	3.4	4.2	3.9	4.3	6.2	2.2	1.3
	1DD	2.6	2.7	5.1	7.0	8.5	3.3	3.5	3.2	3.7	6.1	2.1	1.6
	1EA	2.6	3.0	5.6	7.1	9.9	4.5	5.1	5.8	4.7	7.5	2.8	1.6
	1EB	3.2	3.4	6.0	7.3	11.6	3.6	3.9	5.7	4.7	7.7	3.2	2.1
	1EC	2.3	3.0	5.5	7.5	9.5	3.9	5.1	5.5	4.4	7.1	2.5	1.4
	1ED	2.5	3.0	6.2	8.4	9.3	3.4	3.4	4.0	3.6	6.4	2.6	2.2
	1EE	2.0	2.7	6.7	9.6	7.5	3.6	2.7	2.7	2.7	5.9	2.6	2.9
	1EF	2.2	2.5	6.4	9.2	7.3	3.9	2.5	2.3	2.6	6.1	2.6	3.1
	1EG	2.3	2.6	7.1	9.4	7.4	3.3	2.7	3.3	3.0	6.2	2.7	3.0
	1FA	2.9	1.1	5.1	4.7	5.2	7.7	4.5	5.3	3.0	4.2	2.0	1.5
	1FB	2.6	1.8	5.4	5.5	6.8	6.0	5.1	4.4	3.6	5.3	2.5	1.3
	1FC	3.0	1.9	5.6	5.8	7.6	6.4	4.4	3.7	3.8	5.6	2.4	1.6
	1FD	3.1	1.5	5.5	5.4	6.8	7.2	3.7	3.0	3.5	5.2	2.0	1.5
	1FE	3.3	2.7	6.1	7.0	10.2	4.4	3.6	4.4	4.2	7.5	2.8	1.9
	1FF	3.5	2.5	6.2	7.5	9.7	3.5	2.4	3.4	3.8	7.4	2.6	2.3
	1FG	2.7	1.9	6.7	8.8	5.4	3.3	2.4	2.3	2.5	6.0	2.7	3.4
LVSCA	1GA	3.5	1.2	4.8	6.0	5.2	7.1	3.4	4.8	2.8	5.0	1.7	1.2
	1GB	3.8	1.3	6.4	5.8	6.4	6.5	3.1	2.5	2.7	6.1	2.1	1.4
	1GC	4.7	0.8	4.5	6.5	5.4	6.3	3.8	5.9	2.9	5.1	2.3	1.4
	1GD	5.5	1.0	6.3	6.5	6.4	5.6	2.7	3.0	2.1	6.1	2.3	1.5
	1GE	5.9	1.0	5.6	6.0	7.2	6.2	2.7	3.9	2.5	6.7	2.8	1.9
	1GF	5.2	1.3	5.0	5.9	7.0	5.4	2.0	3.2	2.5	7.1	2.7	1.9
	1GG	5.1	1.0	5.4	7.1	5.8	6.9	3.3	5.1	2.7	5.3	2.0	1.3
	1HA1	4.0	1.9	5.7	5.9	8.7	4.0	2.0	2.1	3.2	7.4	2.3	1.7
	1HA2	4.2	1.3	5.6	5.5	7.1	4.3	1.9	1.7	2.3	7.0	2.1	1.4
	1HB1	3.0	1.7	6.5	8.2	5.7	3.0	2.1	2.2	2.7	6.2	2.5	3.0
	1HB2	3.9	2.0	6.0	6.6	8.8	3.1	1.6	2.1	3.3	7.7	2.3	2.0
	1HC	2.8	1.3	6.2	8.5	4.2	2.8	2.2	2.0	2.2	5.7	2.6	3.1
	1HD	4.4	2.3	4.8	6.6	6.1	5.7	1.6	3.6	3.5	6.7	3.3	2.8
	1HE	3.8	2.8	4.6	7.0	6.3	5.0	1.3	3.4	3.6	6.8	4.0	2.8
	1HF	3.1	2.5	3.4	7.9	5.9	2.4	1.6	2.5	1.9	6.4	3.6	1.9
	1HG	3.1	2.4	3.5	8.0	5.1	2.0	1.7	2.0	1.4	6.2	3.3	2.2
	1JA	5.7	1.0	4.9	7.0	6.6	7.5	3.4	6.0	3.5	6.1	2.6	2.1
	1JB	6.7	1.3	5.5	7.4	8.0	9.1	3.4	6.6	4.0	7.5	3.0	2.5
	1JC	6.6	1.0	5.8	7.0	8.3	7.8	3.6	6.1	3.9	7.1	3.2	2.0
	1JD	6.6	1.3	5.4	7.0	8.0	8.5	3.4	6.3	3.9	7.7	3.1	2.5
	1JE	4.9	2.6	5.3	7.1	4.8	7.9	1.8	4.8	3.4	5.5	2.3	3.2
	1JF	5.2	1.7	4.7	6.9	5.7	7.9	2.8	5.7	3.8	5.9	2.5	2.7
	1JG1	5.6	1.9	4.9	6.7	6.5	7.3	2.6	5.1	3.5	6.9	2.8	2.7
	1JG2	4.7	2.0	4.8	6.3	6.7	5.6	1.6	3.2	3.2	7.1	3.0	2.5
	1KA	3.9	3.2	4.8	7.2	6.2	5.0	1.1	3.5	3.3	7.0	4.6	2.9
	1KB	4.0	3.2	4.4	7.5	5.6	4.1	1.3	2.7	2.2	6.8	3.8	2.4
	1KC	5.5	3.7	5.5	6.9	5.1	5.1	1.0	2.3	1.9	6.0	2.9	2.8
	1LA1	4.6	1.6	4.3	6.4	5.0	7.2	2.5	5.2	3.1	5.0	2.2	2.2
	1LA2	6.4	4.8	5.4	6.1	4.2	6.0	1.0	2.3	2.4	4.7	1.6	3.3
	1LA3	4.1	2.8	4.4	5.7	4.8	3.5	0.6	1.0	1.5	4.2	1.7	3.2
	1LB1	4.1	1.9	4.0	6.2	4.2	6.2	2.0	4.1	2.6	4.2	1.7	2.3
	1LB2	4.6	3.3	4.3	5.9	4.4	4.5	0.7	1.6	1.8	4.3	1.3	2.9

Monthly Rainfall by Sub-basin

Year 2031 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	2.3	0.1	2.4	0.8	1.1	0.0	0.2	0.2	0.0	0.8	0.2	0.3
	2AB	1.6	0.1	2.1	0.3	1.3	0.0	0.2	0.4	0.0	0.9	0.0	0.1
	2BA	1.5	0.5	3.9	2.5	4.7	5.4	6.5	7.4	1.6	5.4	1.8	0.4
	2BB	1.4	0.3	3.0	1.6	3.5	3.0	3.7	4.9	0.5	4.3	1.2	0.4
	2BC	1.5	0.3	3.5	2.1	4.5	3.4	4.3	4.8	1.5	5.0	1.4	0.3
	2BD	1.1	0.0	1.4	0.8	1.3	0.2	0.5	1.1	0.1	2.0	0.2	0.2
	2CA	1.1	0.0	1.2	0.7	1.0	0.0	0.3	0.9	0.0	1.7	0.1	0.2
	2CB	4.0	0.7	5.4	2.2	3.4	6.4	4.7	7.1	1.0	2.8	2.9	1.6
	2CC	1.7	0.3	2.1	1.4	2.1	1.6	1.8	3.2	0.2	2.9	1.0	0.5
	2D	2.0	0.3	2.2	2.4	2.3	2.4	1.7	3.6	0.3	3.3	2.4	1.4
	2EA	1.6	0.6	3.6	3.5	2.3	3.0	4.1	5.1	2.2	1.9	1.7	1.5
	2EB	1.4	0.7	3.6	2.8	2.4	3.5	3.4	5.6	1.7	1.8	1.8	1.6
	2EC	2.0	0.7	3.1	4.2	2.1	2.9	4.5	4.1	2.4	2.0	1.8	1.1
	2ED	2.2	0.9	3.3	4.2	3.2	6.2	4.4	7.2	2.3	4.0	1.9	1.2
	2EE	2.7	0.6	4.6	3.0	3.1	4.8	3.7	6.8	0.9	2.6	2.7	1.5
	2EF	2.0	0.7	3.1	4.0	2.6	4.0	4.2	6.2	1.8	3.1	2.0	1.2
	2EG1	2.1	0.6	2.9	5.0	2.4	3.9	4.4	4.8	2.4	2.2	1.7	1.0
	2EG2	2.0	0.6	3.5	3.3	2.5	3.6	3.7	5.7	1.5	2.2	2.2	1.2
	2EH	3.3	0.5	4.5	1.9	2.8	5.8	3.6	6.7	0.6	2.2	3.0	1.4
	2EJ	1.8	0.4	2.3	2.7	1.9	3.6	2.1	4.7	0.5	2.5	3.6	1.9
	2EK	1.0	0.6	2.8	2.1	2.4	3.7	2.4	5.2	0.8	1.5	2.1	1.3
	2FA	1.7	0.7	3.5	4.1	2.8	4.9	1.9	3.5	2.5	2.0	1.8	1.4
	2FB	1.9	0.6	3.3	3.9	2.1	2.8	3.9	3.8	2.6	1.9	2.0	1.2
	2FC	2.0	0.6	3.1	4.6	2.5	3.8	2.9	3.5	2.6	1.8	1.8	1.0
	2GA	1.3	0.7	4.2	4.3	2.9	4.7	1.6	3.2	2.3	2.2	1.7	1.5
	2GB	1.3	0.8	4.0	3.8	3.1	4.9	1.9	3.5	2.4	2.4	1.8	1.7
	2GC	1.0	1.1	5.0	4.8	5.4	4.6	1.5	2.4	2.2	4.1	2.2	1.7
	2GD	1.2	0.8	4.4	5.6	4.2	4.3	1.2	2.4	1.9	3.0	1.9	1.5
	2H-1	1.1	0.4	4.0	4.7	6.1	1.7	0.5	1.1	0.5	2.5	3.7	3.5
	2H-2	1.0	0.3	3.8	4.2	5.9	0.9	0.2	0.7	0.1	2.3	4.3	4.5
	2H-3	0.8	0.4	3.6	3.4	4.2	0.6	0.1	0.6	0.1	2.3	4.3	5.3
	2J	1.5	0.1	2.0	0.3	1.2	0.0	0.2	0.7	0.0	1.0	0.0	0.1
	2KA	2.4	0.8	3.3	5.5	4.0	3.4	1.1	1.9	1.4	3.1	1.4	2.0
	2KB	1.6	0.4	3.7	5.1	5.6	1.6	0.4	0.5	0.6	2.7	2.6	3.2
	2KC	2.0	0.3	4.0	4.4	5.7	1.3	0.3	0.4	0.4	2.7	3.0	4.0
ACA	3AA	1.0	0.3	3.5	4.7	6.5	0.8	0.2	0.9	0.1	1.9	5.0	4.3
	3AB	1.4	0.5	3.5	3.3	3.7	0.6	0.1	0.6	0.1	2.2	4.0	5.2
	3AC	1.8	0.2	3.1	4.8	4.2	0.5	0.2	0.5	0.1	1.5	4.9	3.8
	3BA	1.2	0.2	3.5	5.5	7.5	1.1	0.4	1.0	0.1	1.9	5.5	3.4
	3BB	1.3	0.2	3.4	5.8	8.5	1.4	0.6	1.0	0.2	2.2	5.2	2.8
	3BC	1.3	0.4	4.0	5.9	9.1	1.9	0.9	1.3	0.3	2.9	5.0	2.7
	3BD	1.4	0.4	3.9	6.0	8.5	1.9	0.8	1.2	0.3	2.8	4.8	2.5
	3CB	1.6	0.3	3.9	6.0	7.4	1.5	0.7	1.0	0.3	2.6	5.0	2.6
	3DA	2.3	0.2	3.2	4.6	2.8	0.3	0.2	0.4	0.1	1.3	5.3	3.9
	3DB	2.0	0.1	2.7	4.1	2.9	0.5	0.6	0.9	0.2	1.2	7.6	5.5
	3EA	2.2	0.3	2.6	3.7	2.4	0.3	0.2	0.5	0.2	1.4	5.4	5.0
	3EB	2.2	0.2	2.6	3.8	3.1	0.5	0.6	0.9	0.2	1.5	7.2	5.7
	3EC	1.6	0.2	2.5	3.7	3.3	0.5	0.6	1.1	0.2	1.7	7.9	6.3
	3ED	1.6	0.1	2.8	3.8	3.4	0.6	0.8	1.3	0.2	1.4	9.2	6.3
	3FA	1.0	0.2	2.8	3.1	2.3	0.3	0.3	0.8	0.1	1.3	6.0	5.7
	3FB	2.4	0.1	3.1	2.6	1.5	0.1	0.2	1.0	0.2	0.5	5.1	5.8
	3G	2.7	0.4	4.4	3.4	2.4	0.2	0.4	1.0	0.3	0.6	3.9	4.4
	3HA	3.4	0.1	4.6	3.6	2.1	0.3	0.5	1.1	0.6	0.7	3.2	4.9
	3HB	2.1	0.1	2.6	2.8	5.1	1.3	2.6	1.4	0.5	0.8	2.2	3.4
	3HC	0.3	0.0	1.2	2.4	7.4	2.1	5.1	1.3	0.5	0.6	1.9	2.0
	3HD1	0.3	0.1	0.8	1.5	9.3	2.4	5.8	1.6	0.5	0.9	1.4	2.2
	3HD2	0.1	0.0	1.4	2.8	8.3	2.0	5.4	1.3	0.6	0.5	1.9	1.9
	3J	1.5	0.4	4.6	5.8	3.2	0.4	0.6	1.6	0.4	0.5	3.7	4.0
	3K	0.3	1.1	4.2	1.3	11.3	4.2	4.0	4.2	0.6	1.4	1.8	2.3
	3LA	1.3	0.2	2.8	3.2	6.3	1.6	2.9	1.8	0.5	0.8	2.3	3.5
	3LB	0.3	0.0	0.9	1.4	10.2	2.5	5.9	1.7	0.5	1.0	1.9	2.3
	3MA-1	1.4	0.3	4.2	6.3	3.5	0.6	1.1	2.5	0.7	0.6	3.5	5.1
	3MA-2	0.5	0.9	4.1	3.1	6.9	2.3	2.7	3.5	0.6	0.9	2.3	3.8
	3MB	0.5	0.9	3.0	1.3	10.8	3.9	4.0	3.3	0.5	1.4	1.7	2.5
	3MC	0.3	1.3	4.5	1.2	10.7	4.4	4.2	4.3	0.5	1.3	1.7	2.4
	3MD1	0.6	0.2	2.2	1.0	15.2	4.2	5.2	2.7	0.6	1.4	1.9	1.7
	3MD2	0.4	0.3	3.4	1.0	14.9	4.8	4.3	3.8	0.6	1.7	2.0	1.6
	3N	1.2	0.5	3.6	3.0	2.2	0.2	0.2	0.6	0.0	1.3	4.5	4.8

Monthly Rainfall by Sub-basin

Year 2031 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.4	0.7	2.4	4.6	13.1	0.7	1.2	1.3	0.1	2.9	4.7	2.9
	4AB	1.5	0.8	3.3	4.3	10.9	1.7	1.5	1.6	0.7	2.9	3.3	2.9
	4AC	1.3	0.9	4.0	5.1	10.8	2.1	1.7	1.8	0.8	3.2	3.2	3.0
	4AD	1.3	1.0	4.5	5.7	10.8	2.5	1.7	1.9	0.9	3.9	3.5	2.7
	4BA	1.5	0.7	3.1	6.0	10.7	0.8	1.2	1.4	0.1	2.7	4.9	2.8
	4BB	2.5	0.8	2.5	5.4	12.4	0.7	1.0	1.3	0.1	2.7	4.9	2.5
	4BC	1.6	0.6	2.9	5.8	9.3	0.5	1.0	1.1	0.1	2.8	5.5	2.5
	4BD	1.0	0.9	4.6	6.0	9.9	2.2	1.6	1.9	0.6	4.1	4.4	2.8
	4BE	1.1	0.6	4.6	6.0	8.6	1.6	1.4	1.5	0.3	4.0	5.2	2.8
	4BF	1.3	0.4	3.7	6.1	6.0	0.7	0.6	0.7	0.1	2.6	5.6	2.7
	4BG	1.0	0.1	3.8	5.7	4.1	0.2	0.6	0.3	0.0	2.9	5.7	3.1
	4CA	1.2	0.8	5.4	5.9	9.1	3.3	1.6	2.1	1.0	4.7	4.0	2.2
	4CB	1.4	0.7	4.9	5.9	9.5	2.4	1.4	1.8	0.5	4.2	4.8	2.4
	4CC	1.6	0.2	3.5	5.4	3.9	0.4	0.4	0.3	0.1	2.1	5.4	3.1
	4DA	1.6	0.4	3.2	5.8	8.1	0.4	0.9	0.9	0.1	3.5	5.7	2.8
	4DB	1.7	0.4	3.2	5.8	9.0	0.4	1.0	1.1	0.1	4.5	6.0	3.2
	4DC	1.8	0.4	3.2	5.8	9.6	0.4	1.0	1.2	0.1	5.2	6.3	3.6
	4DD	1.0	0.2	3.0	6.0	4.2	0.2	1.0	0.6	0.0	3.9	5.6	3.1
	4DE	1.3	0.1	3.1	5.2	2.2	0.1	0.8	0.2	0.0	2.8	5.2	3.3
	4EA	2.2	0.4	5.0	7.9	11.2	0.1	1.1	0.7	0.1	7.9	6.9	6.4
	4EB	2.0	0.3	3.9	7.3	11.1	0.2	1.2	1.0	0.1	7.8	7.1	5.9
	4EC	1.6	0.2	3.4	7.2	7.1	0.2	1.1	0.9	0.1	5.8	6.4	4.1
	4ED	1.2	0.1	3.3	5.8	2.4	0.1	0.9	0.4	0.1	3.3	5.6	3.7
	4FA	2.3	0.5	6.2	8.5	10.1	0.1	1.0	0.4	0.0	7.0	6.6	6.5
	4FB	2.1	0.3	6.7	8.6	8.7	0.0	0.7	0.4	0.1	5.9	5.9	5.8
	4GA	1.6	0.3	6.4	6.8	6.6	0.0	0.6	0.3	0.0	4.1	4.7	5.5
	4GB	1.1	0.2	5.4	6.8	4.9	0.0	0.7	0.3	0.1	3.0	4.9	4.2
	4GC	0.7	0.1	2.2	5.5	0.9	0.1	1.3	0.2	0.3	0.7	3.7	2.9
	4GD	0.6	0.1	2.1	4.4	1.7	0.2	1.7	0.3	0.2	1.1	4.0	3.0
	4GE	0.5	0.0	2.4	4.0	1.9	0.2	1.5	0.6	0.2	1.3	5.9	3.4
	4GF	0.3	0.0	1.9	3.5	3.3	0.5	2.4	0.8	0.2	0.6	5.0	3.2
	4GG	0.1	0.0	1.2	3.7	9.0	1.7	5.5	0.9	0.4	0.2	2.0	2.4
	4HA	1.3	0.0	3.0	3.4	1.8	0.2	0.4	1.0	0.1	0.9	7.9	5.2
	4HB	0.9	0.0	2.3	3.1	3.0	0.5	2.0	1.0	0.2	0.5	5.6	3.8
	4HC	2.2	0.1	2.8	2.7	3.4	0.8	1.9	1.1	0.4	0.6	3.3	3.8
	4JA	0.2	0.0	1.0	2.9	3.6	0.4	2.4	0.3	0.2	0.2	1.4	2.2
	4JB	0.0	0.0	0.5	3.3	10.1	1.1	4.5	0.6	0.2	0.2	1.4	2.1
	4KA	0.1	0.0	0.6	3.1	8.0	0.9	4.0	0.5	0.2	0.2	1.5	2.1
	4KB	0.1	0.0	0.7	3.5	7.9	1.0	4.3	0.6	0.2	0.2	1.4	2.2
ENNCA	5AA	1.0	0.8	3.2	3.0	2.2	3.6	2.8	4.7	1.6	1.6	1.6	1.9
	5AB	1.0	0.9	3.0	3.2	1.9	3.3	2.3	3.7	1.3	1.8	1.9	1.9
	5AC	1.8	0.6	2.2	3.6	2.0	3.0	2.4	3.5	0.7	2.6	3.4	2.3
	5AD	1.5	1.0	2.2	3.7	1.6	2.7	2.2	2.8	0.7	2.4	3.2	2.3
	5BA	1.5	0.7	2.4	4.0	9.6	1.7	1.3	1.4	0.7	2.4	2.9	2.7
	5BB	1.0	0.9	2.7	3.4	7.4	2.3	1.4	1.7	1.0	2.4	2.4	2.5
	5BC-1	1.2	0.7	2.0	4.0	6.7	1.6	1.5	1.7	0.4	2.4	2.9	2.7
	5BC-2	1.9	0.8	1.8	4.5	2.0	2.3	2.2	1.7	0.4	3.7	4.7	3.2
	5BD	0.9	1.0	2.4	3.5	1.9	2.7	2.0	2.8	0.8	1.7	2.2	2.0
	5BE	1.5	0.7	2.3	4.4	7.1	0.8	1.2	0.8	0.1	4.6	4.9	4.4
	5CA	2.3	0.4	2.4	3.7	1.7	3.3	2.5	4.0	0.5	3.8	4.7	2.7
	5CB	2.5	0.3	2.4	3.9	1.9	2.5	2.1	2.9	0.4	4.3	4.5	2.9
	5CC	2.2	0.2	2.0	3.6	2.2	1.9	1.6	2.6	0.3	4.0	3.2	2.2
	5DA	2.4	0.6	4.6	4.8	6.5	0.2	1.0	0.2	0.0	5.5	6.2	6.2
	5DB	2.6	0.7	3.1	4.6	2.2	1.2	1.7	0.8	0.1	5.0	6.0	5.1
	5DC	3.3	0.6	2.6	5.9	1.4	3.0	3.0	2.8	0.3	4.8	6.5	3.8
	5DD	3.1	0.4	3.0	4.6	1.7	2.4	2.4	2.2	0.3	4.5	6.1	4.2
	5EA	0.3	0.5	1.2	1.9	2.3	0.1	1.5	0.1	0.0	0.5	0.7	1.3
	5EB	0.9	0.6	2.2	1.9	2.5	0.2	1.5	0.4	0.1	0.5	0.8	1.6
	5EC	1.7	0.3	3.4	2.7	1.9	0.5	1.0	0.9	0.1	1.5	1.9	2.9
	5ED	1.3	0.4	5.4	4.7	5.3	0.1	0.6	0.2	0.0	3.0	3.3	4.5
	5FA	0.4	0.2	3.2	3.6	3.4	0.1	1.0	0.1	0.1	1.2	2.0	2.8
	5FB	0.1	0.1	1.9	2.0	1.8	0.1	0.9	0.1	0.1	0.4	1.0	2.0
	5G	0.2	0.6	0.9	2.7	2.2	0.2	1.5	0.1	0.0	0.8	0.6	1.0
	5HA	0.1	0.2	0.7	4.1	1.3	0.0	1.5	0.0	0.0	0.7	0.3	0.9
	5HB	0.2	0.4	0.7	3.5	2.1	0.2	1.4	0.1	0.0	0.7	0.3	0.8
	5J	2.4	0.2	2.5	1.7	1.3	0.3	0.5	0.5	0.1	0.9	0.7	1.2

Monthly Rainfall by Sub-basin

Year 2032 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	1.0	2.3	5.1	6.4	3.8	4.3	3.2	5.1	5.6	2.9	2.7
	1AB	0.4	1.0	2.0	5.4	5.2	3.8	4.7	3.2	4.8	6.0	2.1	2.3
	1AC	0.5	1.1	2.2	4.5	5.6	4.4	4.5	3.1	4.6	6.1	2.5	2.4
	1AD	0.6	0.9	2.7	4.3	7.6	4.8	4.1	3.3	5.5	5.6	3.8	3.3
	1AE	0.7	0.8	3.1	5.2	9.1	4.3	4.0	3.5	6.3	5.0	4.7	4.0
	1AF	0.6	1.0	2.6	4.3	7.2	4.9	3.8	3.4	5.2	5.4	3.6	3.2
	1AG	0.6	1.0	2.5	4.4	7.0	5.4	3.6	3.5	5.0	5.0	3.8	3.3
	1AH	0.6	0.7	2.9	5.0	7.6	4.1	3.6	3.4	5.6	4.7	4.6	4.0
	1BA	0.3	0.7	1.3	7.3	3.5	3.9	4.2	4.7	2.7	6.5	3.0	2.4
	1BB	0.3	0.6	1.5	6.6	3.6	4.8	5.8	5.2	4.0	6.9	2.6	2.4
	1BC	0.2	0.6	1.8	6.2	3.9	5.5	7.2	5.7	4.9	6.5	2.2	2.3
	1BD	0.3	1.0	1.3	7.0	3.6	4.0	5.2	4.8	4.1	6.6	2.1	1.9
	1BE	0.3	0.7	1.7	6.1	3.5	4.9	5.9	4.6	5.0	6.8	1.7	2.4
	1BG	0.4	1.0	1.6	6.5	3.9	4.6	6.0	4.2	5.2	6.9	1.7	2.2
	1BH	0.4	1.2	1.6	6.2	4.3	4.5	5.9	3.8	5.1	6.8	1.8	2.0
	1CA	0.3	1.0	1.1	8.2	3.4	3.8	4.8	5.6	3.4	5.9	2.7	1.7
	1CB	0.3	1.2	1.1	8.9	3.3	4.2	5.5	5.9	4.1	5.9	3.0	1.5
	1CC	0.4	1.2	1.4	8.8	3.5	5.4	6.1	6.6	5.0	5.9	3.5	1.8
	1CD	0.4	1.5	1.3	6.3	4.3	6.0	6.7	6.0	5.1	6.9	2.6	1.7
	1CE	0.4	1.7	1.4	6.0	4.5	5.8	6.9	4.3	5.3	7.4	2.4	1.7
	1DA	0.5	1.7	1.8	4.5	5.3	7.4	6.5	4.1	5.3	7.7	2.8	2.2
	1DB	0.4	1.2	1.8	5.2	4.8	4.7	5.2	3.5	4.8	6.5	2.0	2.1
	1DC	0.5	1.4	2.0	4.3	5.6	6.5	4.8	3.6	4.7	6.3	2.8	2.4
	1DD	0.6	1.3	2.2	4.1	6.1	6.1	4.0	3.5	4.6	5.7	3.2	2.7
	1EA	0.7	2.3	1.7	4.8	5.8	10.3	7.0	5.5	5.7	7.6	3.2	2.4
	1EB	0.8	2.4	1.9	4.8	6.3	10.9	5.5	4.9	4.9	6.4	3.5	2.7
	1EC	0.7	1.9	1.9	3.9	5.9	9.4	6.3	4.5	5.3	7.6	3.3	2.6
	1ED	0.7	1.4	2.1	4.3	6.4	7.8	4.3	3.9	4.9	5.5	3.9	3.0
	1EE	0.6	0.7	2.3	4.6	6.3	5.1	3.4	3.3	4.9	4.6	4.6	3.7
	1EF	0.5	0.7	2.6	5.0	6.0	4.2	3.2	3.1	4.8	4.5	4.5	4.0
	1EG	0.6	1.2	2.1	5.0	5.4	6.7	3.5	3.5	4.5	4.6	4.5	3.5
	1FA	0.4	1.3	1.7	8.0	3.7	6.8	7.0	7.3	6.0	6.4	3.9	2.0
	1FB	0.4	1.9	1.5	6.3	5.1	7.8	6.9	6.8	5.9	6.6	3.0	2.1
	1FC	0.5	2.1	1.6	6.6	5.5	8.3	6.9	6.9	6.3	6.5	3.2	2.3
	1FD	0.5	1.9	1.8	6.8	5.2	7.8	7.1	7.2	6.6	6.2	3.5	2.4
	1FE	0.7	2.6	1.7	5.7	5.9	10.1	5.5	5.5	5.4	6.1	3.4	2.7
	1FF	0.7	2.5	2.0	6.1	5.1	8.9	3.7	4.4	4.4	4.8	3.7	3.0
	1FG	0.5	1.1	2.4	5.7	3.9	4.8	2.8	2.9	3.9	4.2	4.2	4.0
LVSCA	1GA	0.6	1.9	1.7	6.7	3.9	6.8	6.6	7.4	6.0	5.8	3.5	2.1
	1GB	0.6	2.8	1.9	7.1	5.4	7.0	5.7	6.1	6.0	5.5	3.0	2.7
	1GC	0.8	2.9	2.3	6.8	4.1	5.8	5.5	6.8	5.3	5.7	3.3	2.9
	1GD	0.9	4.0	2.8	7.2	4.6	5.9	3.9	5.3	4.7	4.7	3.1	3.0
	1GE	0.9	4.3	4.0	7.0	4.9	6.2	4.0	5.1	4.3	5.9	3.4	3.6
	1GF	0.8	3.9	4.0	7.0	4.6	6.6	3.3	4.2	3.7	5.8	3.6	4.0
	1GG	0.8	3.0	2.2	7.2	4.1	6.1	5.6	7.1	5.8	5.4	3.3	2.2
	1HA1	0.7	3.2	2.2	6.9	4.8	8.0	3.5	4.6	4.3	4.7	3.2	3.1
	1HA2	0.7	3.5	2.7	6.9	4.5	6.7	3.1	4.2	3.9	4.6	3.1	3.4
	1HB1	0.6	1.6	2.3	6.0	3.6	5.5	2.5	3.2	3.7	4.1	3.9	3.8
	1HB2	0.7	2.8	2.3	6.9	4.2	7.7	2.5	3.7	3.8	4.2	3.5	3.2
	1HC	0.8	1.2	2.4	5.8	3.4	3.9	2.3	2.5	3.6	4.2	3.7	4.3
	1HD	1.5	3.5	4.1	8.0	4.8	6.8	2.9	4.0	4.9	6.8	3.5	5.2
	1HE	1.8	3.2	3.7	8.1	5.5	6.3	2.9	3.5	4.9	6.9	3.2	5.8
	1HF	1.6	2.4	2.7	6.0	5.7	3.6	2.3	2.0	3.8	5.6	3.1	6.2
	1HG	1.2	2.1	2.4	5.5	4.9	3.0	2.0	1.7	3.2	5.0	3.4	6.1
	1JA	0.9	3.7	3.3	6.3	5.6	6.0	5.3	5.6	5.6	6.9	3.5	3.8
	1JB	1.0	4.1	4.2	6.9	6.4	6.8	5.9	6.1	6.2	8.1	3.7	3.4
	1JC	1.0	4.2	3.9	7.3	6.0	6.6	5.8	6.7	6.1	7.5	3.6	3.3
	1JD	1.0	4.1	4.6	7.6	6.1	7.0	5.7	6.2	6.0	8.3	3.8	3.6
	1JE	1.0	3.9	3.6	6.4	4.9	5.8	4.0	3.3	6.0	6.7	3.7	4.4
	1JF	1.0	3.6	3.8	6.6	5.3	6.4	4.6	4.8	6.2	7.4	3.8	4.3
	1JG1	1.1	3.9	4.6	7.8	5.1	6.9	4.2	5.1	5.6	7.6	3.8	4.4
	1JG2	1.2	3.7	4.0	7.9	4.6	7.0	2.8	4.1	4.3	6.2	3.6	4.7
	1KA	1.9	3.4	3.6	8.1	5.6	5.8	3.1	3.0	4.8	7.4	3.3	6.4
	1KB	1.3	3.2	3.1	6.9	4.7	4.4	2.7	2.2	4.2	6.4	3.7	6.0
	1KC	0.8	4.0	3.1	6.7	3.9	3.8	2.8	1.5	4.4	5.6	3.7	5.2
	1LA1	0.7	3.5	2.5	4.7	5.5	5.2	4.5	3.6	4.7	5.8	3.4	4.2
	1LA2	0.8	4.3	3.0	5.5	4.3	3.5	2.5	1.2	4.7	4.8	3.6	4.5
	1LA3	0.4	4.3	1.9	6.0	2.5	1.9	2.1	0.6	3.0	3.7	2.9	3.6
	1LB1	0.7	3.2	2.2	4.5	4.7	4.3	3.6	2.7	4.1	4.8	3.0	4.0
	1LB2	0.5	4.2	2.1	5.0	3.0	2.4	2.3	0.7	3.5	4.0	2.8	3.6

Monthly Rainfall by Sub-basin

Year 2032 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.2	0.7	0.9	0.4	0.1	0.2	0.5	0.0	0.6	1.3	0.7
	2AB	0.0	0.1	0.6	0.9	0.3	0.0	0.3	1.3	0.0	0.5	1.0	0.4
	2BA	0.2	0.5	1.6	5.9	4.0	4.7	6.7	5.7	4.3	5.5	2.0	1.8
	2BB	0.1	0.3	1.2	4.4	3.1	2.8	3.9	5.0	2.6	3.1	1.4	1.4
	2BC	0.1	0.4	1.5	4.7	3.1	2.9	4.1	4.6	2.9	3.8	1.3	1.4
	2BD	0.0	0.1	1.0	1.7	0.9	0.4	0.5	2.8	0.3	1.0	0.6	0.4
	2CA	0.0	0.1	0.9	1.4	0.7	0.3	0.2	1.8	0.2	0.9	0.6	0.3
	2CB	0.3	0.7	1.2	8.0	3.2	4.2	4.7	4.4	2.3	5.9	3.2	2.3
	2CC	0.1	0.2	1.1	3.1	1.9	1.7	2.1	2.8	1.2	2.5	1.4	1.4
	2D	0.1	0.2	1.3	3.0	1.9	1.6	2.6	1.4	1.0	2.7	2.5	2.7
	2EA	0.7	0.5	0.6	5.1	3.4	2.4	4.7	4.6	3.3	3.5	1.7	3.5
	2EB	0.5	0.5	0.5	4.9	2.9	2.4	4.6	4.1	3.1	3.3	1.6	3.5
	2EC	0.7	0.8	0.8	5.2	3.8	2.8	4.1	4.5	3.1	3.7	2.2	4.0
	2ED	0.4	0.8	1.2	6.5	2.6	5.4	6.4	6.3	4.3	5.7	3.3	2.3
	2EE	0.2	0.5	0.8	6.4	2.9	3.2	4.8	3.3	2.2	4.5	2.3	2.2
	2EF	0.4	0.6	0.8	5.5	3.0	3.5	5.0	4.5	3.1	4.4	2.4	2.8
	2EG1	0.6	1.4	1.0	5.4	3.3	3.9	4.5	5.3	3.8	4.2	2.8	4.2
	2EG2	0.4	0.5	0.7	5.1	3.2	2.8	4.5	3.7	2.5	3.9	1.9	2.9
	2EH	0.2	0.4	0.9	6.0	3.2	3.9	4.9	3.3	1.5	5.1	2.2	2.6
	2EJ	0.2	0.1	0.5	3.8	1.9	1.8	2.8	1.7	1.5	2.7	1.6	2.6
	2EK	0.2	0.2	0.4	4.5	2.4	2.2	3.6	2.9	2.1	3.1	1.6	3.1
	2FA	0.6	0.6	1.0	5.4	3.5	3.8	3.6	3.9	3.3	3.4	2.8	3.2
	2FB	0.9	0.6	0.7	5.4	4.0	2.7	4.3	4.8	3.1	3.8	2.2	3.9
	2FC	0.8	0.8	1.0	5.2	3.5	3.1	3.6	4.4	3.2	3.6	2.4	3.9
	2GA	0.5	0.7	0.9	5.4	3.8	3.8	3.5	3.2	3.1	3.3	3.2	3.2
	2GB	0.5	0.7	0.9	5.9	3.9	3.9	3.9	3.6	3.4	3.7	3.0	3.4
	2GC	0.3	0.9	1.0	8.5	5.9	3.9	3.4	2.7	2.9	5.2	3.6	3.8
	2GD	0.4	1.0	1.2	6.8	4.7	3.3	2.8	2.3	2.6	3.8	3.3	3.5
	2H-1	0.3	2.5	1.2	10.1	2.8	1.3	1.3	0.6	0.7	2.5	4.0	3.6
	2H-2	0.2	2.4	1.0	12.0	2.0	0.7	0.9	0.2	0.2	1.9	4.5	3.9
	2H-3	0.3	1.9	0.9	10.7	1.3	0.5	0.4	0.1	0.1	1.7	4.5	4.0
	2J	0.0	0.1	0.7	1.0	0.4	0.1	0.4	2.5	0.1	0.5	0.8	0.3
	2KA	0.5	3.1	1.5	5.0	2.6	2.1	2.2	1.6	2.3	3.0	2.1	3.1
	2KB	0.3	3.8	1.3	7.8	1.7	1.1	1.3	0.4	1.0	2.2	2.8	2.9
	2KC	0.3	3.7	1.3	9.2	1.5	0.9	0.9	0.2	0.7	2.1	3.5	3.3
ACA	3AA	0.3	1.8	1.0	13.0	2.4	0.7	1.1	0.1	0.2	1.8	4.8	3.8
	3AB	0.4	1.5	0.9	10.6	1.3	0.4	0.4	0.1	0.1	1.6	4.4	4.6
	3AC	0.5	0.8	0.6	10.6	1.8	0.3	0.7	0.1	0.2	1.5	5.4	5.0
	3BA	0.3	1.4	0.9	13.6	3.4	0.8	1.4	0.2	0.3	2.3	5.5	4.0
	3BB	0.3	0.9	0.8	14.0	4.2	1.0	1.6	0.3	0.4	2.8	5.8	4.2
	3BC	0.3	0.9	0.9	14.3	5.3	1.4	1.8	0.7	0.7	3.9	5.8	4.6
	3BD	0.3	0.7	0.9	13.8	5.1	1.3	1.8	0.6	0.7	3.6	5.9	4.5
	3CB	0.3	0.5	0.8	13.3	4.6	1.1	1.5	0.5	0.6	3.2	6.0	4.7
	3DA	0.7	0.6	0.5	9.5	1.6	0.1	0.3	0.0	0.2	1.5	5.5	5.8
	3DB	0.8	0.5	0.5	6.2	2.3	0.0	0.1	0.1	0.2	1.9	4.9	8.0
	3EA	0.7	0.8	0.5	7.8	1.4	0.1	0.2	0.0	0.2	1.3	5.1	6.0
	3EB	0.8	0.6	0.6	6.6	2.5	0.0	0.2	0.1	0.2	1.7	5.4	5.5
	3EC	0.8	0.3	0.7	5.9	2.8	0.0	0.2	0.1	0.2	1.8	5.6	4.5
	3ED	0.8	0.3	0.7	5.4	3.0	0.0	0.1	0.1	0.2	2.5	6.3	5.5
	3FA	0.6	0.4	0.8	7.0	1.4	0.1	0.1	0.1	0.1	2.0	5.6	4.2
	3FB	0.5	0.1	1.1	5.1	0.8	0.1	0.1	0.1	0.1	2.1	6.2	6.0
	3G	0.3	0.3	1.2	5.0	1.7	0.3	0.1	0.2	0.2	1.4	6.0	5.1
	3HA	0.3	0.2	1.6	6.2	1.2	0.6	0.3	0.3	0.5	1.0	3.3	7.5
	3HB	0.1	0.1	0.9	4.7	4.3	0.9	1.4	0.5	0.7	0.7	3.3	6.6
	3HC	0.0	0.0	0.4	3.4	5.7	1.1	2.1	0.9	1.0	0.4	2.7	6.1
	3HD1	0.0	0.1	0.2	3.4	7.5	1.7	3.3	1.0	1.2	0.3	2.8	6.3
	3HD2	0.0	0.0	0.3	3.3	6.4	1.1	2.5	1.1	1.1	0.3	2.9	5.7
	3J	0.4	0.4	1.1	5.1	1.4	0.4	0.2	0.3	0.2	1.3	5.6	5.6
	3K	0.1	0.2	0.5	4.9	6.6	2.3	3.3	1.2	1.9	0.9	2.9	4.4
	3LA	0.1	0.1	0.8	4.8	4.6	1.1	1.5	0.4	0.7	0.8	3.6	6.2
	3LB	0.0	0.1	0.2	3.6	7.7	1.8	3.5	0.9	1.2	0.4	2.5	5.8
	3MA-1	0.4	0.3	1.3	5.6	2.0	0.8	0.5	0.4	0.4	1.2	5.1	6.4
	3MA-2	0.1	0.2	0.8	4.3	4.8	1.5	1.8	0.8	1.0	1.1	4.1	5.0
	3MB	0.1	0.1	0.5	4.8	7.0	2.0	3.1	0.9	1.5	0.7	2.5	4.3
	3MC	0.1	0.2	0.5	4.7	6.7	2.4	3.3	1.2	1.9	0.8	2.8	4.1
	3MD1	0.1	0.0	0.4	4.9	9.5	2.7	4.0	0.8	1.7	1.0	2.7	4.3
	3MD2	0.1	0.1	0.3	5.6	7.9	2.7	3.9	1.1	2.2	1.1	2.7	4.6
	3N	0.5	0.7	0.9	7.5	1.3	0.1	0.1	0.1	0.0	1.6	5.6	3.9

Monthly Rainfall by Sub-basin

Year 2032 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.0	1.2	0.7	6.2	6.8	0.4	1.2	0.5	1.4	2.6	6.8	6.5
	4AB	0.7	1.1	0.9	6.5	5.9	1.3	2.0	1.3	1.7	3.0	5.4	5.2
	4AC	0.6	1.1	0.9	7.7	6.7	1.7	2.2	1.4	1.7	3.8	5.3	5.7
	4AD	0.6	1.1	1.0	9.2	7.7	2.1	2.2	1.6	1.9	4.8	5.2	5.6
	4BA	0.7	0.9	0.6	8.8	8.7	0.6	1.3	0.6	1.1	3.6	6.4	5.2
	4BB	0.9	1.2	0.5	6.9	8.1	0.4	1.2	0.5	1.3	2.7	6.7	6.6
	4BC	0.6	0.8	0.4	9.2	8.7	0.3	1.0	0.5	1.0	3.5	6.5	4.9
	4BD	0.5	0.8	0.9	11.4	9.0	1.8	1.9	1.5	1.6	5.6	5.8	5.6
	4BE	0.4	0.6	0.8	12.7	8.8	1.4	1.4	1.1	1.1	5.2	6.1	5.2
	4BF	0.4	0.3	0.5	12.3	6.4	0.5	1.0	0.4	0.5	3.2	6.3	4.3
	4BG	0.5	0.2	0.3	11.9	5.5	0.2	0.5	0.2	0.3	2.6	6.1	4.9
	4CA	0.3	0.7	1.2	13.8	7.9	2.7	2.4	1.7	1.8	6.1	5.3	5.5
	4CB	0.3	0.5	1.1	14.4	7.8	1.9	1.9	1.2	1.2	5.6	6.1	5.6
	4CC	0.6	0.2	0.5	11.3	3.2	0.2	0.6	0.1	0.3	2.1	6.1	5.1
	4DA	0.6	0.6	0.4	10.1	8.0	0.3	0.9	0.5	0.8	3.5	6.7	5.5
	4DB	0.7	0.5	0.6	10.4	7.8	0.4	0.9	0.6	1.1	4.5	7.6	6.5
	4DC	0.8	0.5	0.7	10.8	7.8	0.4	1.0	0.7	1.4	5.1	8.3	7.2
	4DD	0.6	0.2	0.5	11.6	5.1	0.3	0.5	0.4	0.4	3.6	6.9	6.6
	4DE	0.7	0.3	0.5	10.3	2.8	0.1	0.2	0.1	0.1	2.2	5.9	6.9
	4EA	1.7	0.4	0.9	11.6	5.8	0.4	0.7	0.5	1.6	6.6	12.3	14.1
	4EB	1.3	0.3	0.9	12.2	6.8	0.6	1.0	0.7	2.0	6.4	11.7	11.5
	4EC	0.9	0.2	0.6	11.6	5.6	0.4	0.7	0.5	1.2	4.9	9.4	8.9
	4ED	0.8	0.1	0.4	9.2	2.1	0.2	0.2	0.2	0.2	2.4	6.8	10.5
	4FA	2.2	0.4	0.8	10.2	4.8	0.3	0.6	0.4	1.0	6.1	12.2	15.4
	4FB	2.3	0.2	0.5	9.2	3.7	0.2	0.5	0.3	1.0	5.8	10.7	15.1
	4GA	1.9	0.2	0.4	7.6	2.8	0.1	0.5	0.3	0.7	5.4	7.9	11.6
	4GB	1.3	0.1	0.2	6.2	1.6	0.1	0.3	0.2	0.5	3.6	6.6	10.4
	4GC	0.4	0.0	0.1	2.9	0.5	0.1	0.1	0.2	0.3	1.4	4.5	5.7
	4GD	0.5	0.0	0.3	3.8	0.8	0.2	0.2	0.2	0.3	1.2	5.1	7.4
	4GE	0.5	0.0	0.4	4.7	0.9	0.2	0.2	0.3	0.2	1.9	6.0	9.7
	4GF	0.3	0.0	0.6	4.1	1.2	0.3	0.6	0.4	0.4	2.1	5.5	8.6
	4GG	0.1	0.0	0.6	4.0	3.8	0.9	1.9	0.9	1.1	0.8	3.5	5.4
	4HA	0.5	0.1	0.5	5.4	1.0	0.0	0.0	0.1	0.1	2.8	6.8	9.7
	4HB	0.2	0.0	0.7	4.3	1.1	0.3	0.5	0.4	0.4	2.4	6.6	7.6
	4HC	0.2	0.1	1.0	4.6	2.7	0.5	0.8	0.4	0.5	1.2	3.8	6.9
	4JA	0.3	0.0	0.2	2.4	1.0	0.4	0.3	0.3	0.4	0.8	4.1	4.9
	4JB	0.1	0.0	0.3	2.8	2.5	1.0	1.1	0.8	0.7	0.8	4.5	4.3
	4KA	0.2	0.0	0.3	2.6	2.0	0.8	0.9	0.6	0.6	0.9	4.2	4.6
	4KB	0.2	0.0	0.4	3.1	2.2	0.8	1.2	0.7	0.8	0.9	3.9	5.0
ENNCA	5AA	0.5	0.5	0.5	5.4	2.3	2.2	3.9	4.3	3.4	2.9	2.2	3.8
	5AB	0.5	0.4	0.5	5.9	2.3	1.9	3.2	3.4	3.0	2.7	2.6	3.4
	5AC	0.4	0.2	0.6	4.9	1.8	1.1	1.9	1.9	1.7	1.9	2.3	2.5
	5AD	0.6	0.2	0.6	5.6	1.9	0.9	2.0	2.0	2.1	2.0	2.5	2.5
	5BA	0.8	1.0	0.8	5.5	4.6	1.1	2.0	1.3	2.0	2.5	4.8	4.3
	5BB	0.7	0.8	0.8	5.8	3.8	1.6	2.5	1.9	2.4	2.8	3.5	3.8
	5BC-1	0.8	0.6	0.8	5.8	3.2	0.8	1.7	1.5	1.9	2.3	4.5	3.8
	5BC-2	0.7	0.1	0.8	5.3	1.9	0.6	1.4	1.2	1.4	2.0	2.9	2.2
	5BD	0.7	0.3	0.5	6.0	2.2	1.3	2.5	2.4	2.6	2.4	2.7	3.0
	5BE	1.0	0.5	1.2	7.2	3.0	0.4	0.9	0.7	1.1	3.2	7.1	5.0
	5CA	0.3	0.0	1.1	3.5	1.1	1.0	2.1	0.8	1.1	1.7	2.2	1.9
	5CB	0.5	0.0	1.5	3.2	1.1	0.7	1.9	0.5	0.8	1.6	2.7	2.3
	5CC	0.2	0.1	1.6	2.6	1.3	0.7	2.0	0.5	0.7	1.8	2.9	2.9
	5DA	2.5	0.5	1.7	8.7	2.5	0.2	0.6	0.3	0.3	4.3	8.7	9.1
	5DB	1.7	0.3	1.6	6.9	1.6	0.4	1.0	0.5	0.5	2.8	5.6	4.8
	5DC	0.7	0.1	1.1	4.1	1.2	0.6	1.6	0.7	1.0	1.6	2.1	1.8
	5DD	1.3	0.1	1.4	4.6	1.0	0.5	1.5	0.5	0.7	1.8	3.3	2.9
	5EA	0.2	0.2	0.5	2.9	1.4	0.1	0.2	0.1	0.4	0.8	4.2	3.2
	5EB	0.1	0.5	0.6	3.2	1.6	0.1	0.4	0.1	0.6	1.0	4.3	3.3
	5EC	0.5	0.8	1.1	4.0	1.1	0.2	0.8	0.2	0.4	1.8	3.8	4.6
	5ED	1.7	0.3	0.7	6.5	1.9	0.0	0.5	0.2	0.4	4.0	5.6	8.0
	5FA	0.6	0.1	0.2	4.0	1.1	0.0	0.2	0.2	0.3	2.0	4.2	5.3
	5FB	0.3	0.1	0.3	3.1	0.9	0.0	0.1	0.1	0.3	0.7	3.5	3.4
	5G	0.1	0.1	0.4	2.2	1.0	0.1	0.3	0.1	0.4	1.1	3.6	2.9
	5HA	0.0	0.0	0.1	1.8	0.5	0.1	0.1	0.1	0.1	0.7	2.9	2.2
	5HB	0.0	0.1	0.2	1.8	0.9	0.2	0.4	0.1	0.3	0.9	2.9	2.3
	5J	0.0	0.6	0.9	2.0	0.9	0.2	0.6	0.2	0.2	1.0	2.4	2.3

Monthly Rainfall by Sub-basin

Year 2033 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.7	3.2	1.8	4.7	7.3	3.7	2.3	5.2	3.7	4.1	2.6	1.8
	1AB	2.4	3.6	1.4	4.4	7.2	3.5	2.6	5.2	3.7	3.7	2.3	1.3
	1AC	2.3	2.9	1.8	5.1	6.9	3.5	2.6	6.0	3.5	4.2	2.0	1.4
	1AD	3.0	3.0	2.3	5.3	7.7	4.1	1.7	5.7	3.9	4.6	2.9	2.2
	1AE	3.2	3.2	2.9	5.1	8.1	4.7	0.8	4.5	3.8	4.8	3.7	2.9
	1AF	2.9	3.0	2.4	5.1	7.3	4.1	1.9	5.7	3.8	4.6	2.8	2.1
	1AG	3.2	3.2	2.4	4.9	7.4	4.2	1.9	5.7	3.9	4.4	3.0	2.2
	1AH	3.7	3.0	2.5	4.8	7.9	4.4	1.0	4.3	3.8	4.6	3.8	2.6
	1BA	4.2	4.8	0.3	4.3	7.9	3.3	3.2	2.7	1.7	1.4	4.3	1.5
	1BB	3.7	4.5	0.6	4.6	9.0	4.1	3.3	3.3	2.7	1.6	3.8	1.1
	1BC	3.7	4.4	0.7	4.6	9.8	4.9	3.7	3.8	3.6	1.9	2.8	0.8
	1BD	3.1	4.5	0.4	3.5	7.4	3.3	3.0	3.9	3.1	1.7	3.0	1.2
	1BE	3.1	4.7	0.6	3.8	8.7	4.0	3.2	3.9	3.8	2.1	2.7	0.8
	1BG	3.0	4.8	0.6	3.8	8.4	3.8	2.9	4.5	4.1	2.3	2.6	1.0
	1BH	2.8	4.4	0.8	4.2	8.1	3.6	2.9	5.0	4.1	2.7	2.4	1.1
	1CA	3.6	4.3	0.2	3.2	6.6	3.4	3.1	3.4	2.5	1.3	3.0	1.3
	1CB	3.7	4.0	0.3	3.2	6.6	4.0	3.2	3.9	2.9	1.3	2.8	1.2
	1CC	4.2	4.1	0.4	3.5	7.1	4.9	3.5	4.3	3.2	1.4	4.0	1.7
	1CD	2.9	3.9	0.9	4.3	7.4	4.1	3.0	5.2	3.6	1.8	2.3	1.5
	1CE	2.7	3.9	0.9	5.0	8.5	3.9	2.9	5.7	4.2	2.3	1.8	1.3
	1DA	2.6	3.6	1.8	5.8	8.5	4.3	2.6	6.7	4.2	3.1	1.6	1.5
	1DB	2.5	3.7	1.3	4.6	7.5	3.6	2.8	5.6	3.9	3.4	2.1	1.2
	1DC	2.5	3.4	2.1	5.2	7.4	4.0	2.5	6.4	3.8	3.8	2.0	1.5
	1DD	2.8	3.2	2.3	5.0	7.2	4.0	2.4	6.2	3.8	4.2	2.4	1.8
	1EA	2.7	4.4	2.7	5.8	8.8	5.4	2.4	6.9	4.2	2.5	2.1	2.1
	1EB	2.7	4.4	3.3	5.2	8.1	5.4	2.1	6.5	4.2	3.0	2.4	2.3
	1EC	2.8	4.0	2.5	5.9	8.6	4.9	2.2	7.1	4.4	3.2	1.9	1.8
	1ED	3.7	3.8	2.3	5.0	8.1	4.6	2.1	5.6	4.4	3.6	3.0	2.2
	1EE	4.4	3.3	1.8	4.6	8.2	4.3	1.6	4.3	4.4	4.1	3.9	2.4
	1EF	4.0	2.9	2.2	4.6	7.6	4.3	1.1	3.5	3.8	4.4	3.8	2.3
	1EG	4.5	3.5	2.3	4.5	8.3	4.6	1.5	4.0	4.2	3.5	3.7	2.4
	1FA	4.5	4.1	0.6	4.1	7.7	5.7	4.0	4.6	3.6	1.6	5.0	2.3
	1FB	2.8	4.3	1.5	4.7	7.7	5.1	2.9	5.2	3.6	1.9	3.6	2.4
	1FC	2.9	4.6	1.8	4.9	8.1	5.6	3.0	5.1	3.5	2.0	4.5	2.9
	1FD	3.2	4.4	1.5	4.8	8.3	5.6	3.2	4.6	3.3	2.1	5.8	3.4
	1FE	3.0	4.4	3.4	5.1	8.3	5.5	2.1	5.6	3.5	2.6	2.8	2.8
	1FF	3.5	3.5	3.9	4.3	7.9	5.1	1.4	4.4	3.1	2.9	2.6	2.8
	1FG	4.2	2.6	2.7	4.1	7.1	4.5	0.8	3.1	3.0	4.1	3.7	2.1
LVSCA	1GA	4.4	3.9	1.4	4.1	7.2	5.3	3.8	4.3	3.1	2.0	4.0	3.2
	1GB	3.0	3.9	2.5	4.7	7.7	4.8	2.6	3.7	2.4	2.7	5.0	4.2
	1GC	5.2	5.5	1.4	4.1	6.5	5.7	3.8	3.5	2.9	2.1	2.4	2.6
	1GD	3.5	2.9	2.5	4.5	6.7	4.3	2.0	3.0	1.8	3.1	3.2	4.8
	1GE	4.4	2.9	2.0	4.7	7.4	5.4	2.3	2.8	2.1	3.6	2.8	4.5
	1GF	4.5	2.6	2.5	4.3	7.6	5.6	1.7	2.8	1.9	3.3	2.6	4.1
	1GG	4.5	4.4	1.7	4.3	6.8	5.2	3.5	3.8	2.7	2.3	2.6	3.5
	1HA1	3.0	3.2	3.9	4.2	7.5	4.8	1.5	3.7	2.1	2.6	2.8	3.6
	1HA2	3.2	2.7	3.5	4.1	7.2	4.3	1.4	3.0	1.7	2.8	3.0	4.1
	1HB1	4.2	2.5	3.2	4.0	7.0	4.4	0.8	3.2	2.8	3.7	3.2	2.3
	1HB2	3.2	2.6	4.6	3.9	7.3	4.7	0.8	3.4	2.0	3.0	2.3	3.1
	1HC	4.3	2.4	2.7	4.1	6.4	4.1	0.5	3.0	2.9	4.0	3.6	2.0
	1HD	5.1	3.1	3.0	4.4	7.2	7.3	1.6	3.5	2.7	3.2	3.5	3.3
	1HE	4.8	3.7	3.1	4.7	6.7	6.6	1.5	4.2	3.3	3.3	3.7	3.0
	1HF	3.7	3.8	2.1	4.6	5.2	3.7	0.4	3.8	3.8	2.7	3.8	2.5
	1HG	3.3	3.6	2.0	4.1	5.0	3.2	0.2	3.0	3.4	2.6	3.9	2.1
	1JA	5.9	5.8	1.8	4.1	7.0	6.9	2.9	2.8	2.6	3.3	3.0	3.0
	1JB	6.3	4.7	1.8	4.8	8.5	7.9	3.2	2.8	2.8	4.3	3.1	3.6
	1JC	5.6	4.9	1.7	5.2	8.3	7.2	3.6	3.2	2.9	4.0	2.6	3.7
	1JD	6.2	3.6	1.7	5.1	9.0	8.3	3.3	2.9	2.7	4.3	3.1	3.7
	1JE	6.3	5.8	3.1	3.0	5.7	6.8	1.4	2.5	3.1	3.5	4.4	2.5
	1JF	6.4	5.1	2.5	3.7	6.8	8.1	2.2	2.4	2.9	3.5	4.2	2.7
	1JG1	5.9	3.2	2.2	4.5	8.1	8.3	2.3	2.9	2.6	3.5	3.6	3.4
	1JG2	4.8	2.6	3.1	4.2	7.5	6.6	1.5	3.2	2.1	3.1	2.9	3.6
	1KA	4.8	4.5	2.8	4.9	6.8	6.4	1.5	4.3	3.7	3.2	4.1	2.9
	1KB	3.9	4.4	2.5	4.2	6.3	5.0	0.9	3.1	3.4	2.5	4.0	2.3
	1KC	4.4	4.9	2.8	3.6	6.2	4.3	0.7	2.6	3.4	2.3	3.5	2.3
	1LA1	5.8	6.9	2.2	2.6	4.6	5.4	1.8	2.0	2.6	3.1	3.5	2.5
	1LA2	5.5	5.8	2.8	2.5	4.0	3.8	0.4	1.9	3.1	2.0	3.3	2.6
	1LA3	6.6	5.7	2.4	1.8	3.8	2.6	0.2	1.5	2.0	1.5	2.9	2.3
	1LB1	6.2	6.5	2.2	2.0	3.9	4.7	1.1	1.6	2.0	2.3	3.3	2.3
	1LB2	6.5	5.8	2.6	1.8	3.6	2.9	0.2	1.6	2.3	1.7	3.0	2.3

Monthly Rainfall by Sub-basin

Year 2033 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	1.3	1.1	0.2	0.6	2.8	0.7	0.0	0.0	0.0	0.7	1.2	0.0
	2AB	0.8	1.1	0.2	0.3	2.7	0.5	0.0	0.0	0.0	0.3	0.7	0.0
	2BA	3.8	3.6	0.6	4.5	9.5	4.7	3.5	3.4	3.2	1.6	2.6	0.7
	2BB	2.9	2.5	0.3	3.1	6.8	3.3	2.6	2.8	2.1	1.1	2.7	0.5
	2BC	2.9	2.6	0.4	3.1	7.1	3.3	2.6	2.6	2.1	1.2	2.0	0.4
	2BD	1.2	1.2	0.2	0.5	3.3	0.8	0.3	0.9	0.2	0.1	0.8	0.0
	2CA	1.1	1.1	0.2	0.2	3.0	0.5	0.0	0.2	0.0	0.0	0.7	0.0
	2CB	5.2	5.0	0.2	3.4	7.2	4.6	4.0	2.0	1.6	1.2	3.5	1.5
	2CC	2.3	2.1	0.2	1.7	4.7	2.0	1.2	1.3	0.8	0.6	2.6	0.4
	2D	4.3	2.3	0.3	1.3	3.0	2.0	1.2	0.7	0.6	1.0	3.6	0.7
	2EA	4.3	4.3	0.4	1.7	4.2	3.6	2.9	1.7	1.5	1.1	2.2	1.6
	2EB	4.9	3.9	0.4	1.6	4.3	3.6	3.0	1.5	1.5	0.8	2.0	1.6
	2EC	4.0	5.4	0.5	2.2	3.9	3.9	2.5	1.6	1.3	1.3	2.6	1.5
	2ED	5.7	5.3	0.4	3.0	6.5	5.2	4.8	3.4	3.1	1.2	2.3	1.3
	2EE	5.1	4.9	0.2	2.3	6.3	4.3	3.8	1.4	1.3	1.0	2.4	0.9
	2EF	4.9	5.8	0.4	2.3	5.6	4.3	3.8	2.1	2.2	1.1	2.1	1.1
	2EG1	4.6	6.7	0.6	2.8	4.2	4.7	3.0	2.4	1.9	1.3	2.9	1.6
	2EG2	4.7	5.0	0.4	2.0	5.0	3.9	3.2	1.5	1.3	1.0	2.2	1.0
	2EH	5.5	4.6	0.2	2.5	5.9	4.9	4.0	0.9	1.0	1.0	2.6	1.1
	2EJ	5.1	2.8	0.3	1.8	2.8	2.6	1.7	0.4	0.7	0.6	1.4	0.8
	2EK	5.2	3.2	0.3	1.9	4.0	3.1	2.6	0.9	1.0	0.5	1.5	1.0
	2FA	4.9	5.0	0.5	2.0	2.4	3.8	1.5	1.7	1.1	1.4	2.5	1.3
	2FB	3.9	4.8	0.5	2.1	3.5	3.6	2.3	1.8	1.4	1.4	2.4	1.4
	2FC	4.3	5.2	0.5	2.0	2.7	3.9	1.9	1.7	1.0	1.4	2.6	1.3
	2GA	5.7	4.9	0.6	2.0	2.4	3.5	1.2	1.5	1.1	1.3	2.4	1.4
	2GB	5.4	4.7	0.7	2.3	2.9	3.7	1.5	1.7	1.4	1.3	2.6	1.6
	2GC	6.4	4.5	1.5	3.3	4.3	3.6	1.1	1.6	1.3	1.6	3.8	2.1
	2GD	6.8	4.6	1.2	2.4	3.1	3.4	0.8	1.3	0.8	1.3	3.1	1.8
	2H-1	8.9	4.6	1.3	1.8	3.2	2.1	0.2	0.6	0.2	1.5	3.6	2.7
	2H-2	9.5	4.7	1.1	1.8	2.4	1.3	0.1	0.2	0.1	1.6	3.7	2.8
	2H-3	9.2	4.2	1.2	1.4	1.9	0.9	0.0	0.1	0.0	1.5	3.5	2.4
	2J	0.9	1.1	0.2	0.3	2.7	0.5	0.0	0.1	0.0	0.2	0.6	0.0
	2KA	7.0	5.4	1.6	1.3	3.5	3.2	0.6	1.3	0.7	1.3	2.6	1.8
	2KB	8.5	5.0	1.4	1.3	3.4	2.2	0.1	0.8	0.3	1.3	2.7	2.3
	2KC	8.9	4.7	1.3	1.5	3.2	1.9	0.0	0.5	0.4	1.4	2.9	2.5
ACA	3AA	9.6	5.0	1.0	1.9	2.5	1.2	0.1	0.2	0.1	1.6	3.9	3.1
	3AB	9.4	4.4	1.1	1.5	1.6	0.7	0.0	0.1	0.0	1.4	3.7	2.5
	3AC	8.7	4.0	1.3	2.1	2.0	0.6	0.1	0.2	0.1	1.3	5.8	3.6
	3BA	9.1	4.9	1.2	2.7	3.2	1.6	0.2	0.3	0.2	1.7	5.0	3.7
	3BB	9.1	4.5	1.4	3.3	3.8	2.0	0.3	0.3	0.3	1.9	5.6	3.9
	3BC	9.0	4.4	1.8	3.9	4.7	2.6	0.5	0.5	0.5	2.0	5.9	4.0
	3BD	8.8	4.2	1.7	3.9	4.4	2.4	0.4	0.5	0.5	1.9	6.0	3.9
	3CB	8.3	4.2	1.5	3.8	4.2	2.1	0.4	0.4	0.4	1.8	6.5	3.9
	3DA	8.8	3.6	1.3	2.3	1.8	0.2	0.0	0.2	0.1	1.2	6.7	4.2
	3DB	10.0	3.3	1.0	3.2	1.0	0.2	0.0	0.1	0.0	1.4	5.6	4.1
	3EA	9.5	3.6	1.6	1.6	1.1	0.2	0.0	0.1	0.0	1.1	5.3	3.5
	3EB	10.4	3.8	1.4	2.0	1.0	0.2	0.0	0.2	0.0	1.2	5.0	3.9
	3EC	9.7	3.7	1.4	1.7	0.9	0.2	0.0	0.1	0.0	1.2	4.4	3.6
	3ED	10.2	3.6	1.0	2.1	0.7	0.2	0.0	0.1	0.0	1.2	4.8	4.4
	3FA	7.9	3.0	1.1	1.1	0.7	0.2	0.0	0.1	0.0	1.5	3.7	3.7
	3FB	8.2	2.1	0.4	1.6	0.4	0.2	0.0	0.1	0.0	1.7	3.4	5.8
	3G	7.1	1.9	0.6	2.2	1.2	0.4	0.1	0.2	0.0	1.1	3.2	6.2
	3HA	6.7	0.7	0.5	2.7	0.8	0.5	0.1	0.4	0.1	0.6	4.0	4.0
	3HB	6.2	0.4	0.7	1.8	2.3	1.4	0.5	0.7	0.5	1.2	2.9	4.6
	3HC	6.9	0.1	0.9	1.5	3.1	3.5	1.3	1.1	0.9	2.0	1.9	4.4
	3HD1	7.0	0.1	1.0	1.8	4.0	3.9	1.5	1.3	1.0	1.9	1.1	4.5
	3HD2	7.3	0.1	1.0	2.1	3.8	4.8	1.5	1.2	0.9	1.9	1.6	3.9
	3J	6.4	2.0	1.0	3.4	1.2	0.7	0.1	0.4	0.1	0.8	3.0	5.2
	3K	4.0	0.3	0.9	2.3	5.8	3.6	1.4	1.8	1.1	2.0	2.3	2.9
	3LA	6.0	0.7	0.8	2.1	3.1	1.8	0.6	0.8	0.6	1.3	2.6	4.8
	3LB	6.6	0.1	0.8	2.0	5.4	4.4	1.5	1.4	1.1	1.9	1.0	5.0
	3MA-1	6.6	1.8	1.5	3.7	1.2	1.2	0.3	0.8	0.3	0.8	3.5	3.7
	3MA-2	5.0	1.1	1.4	2.4	3.3	2.3	0.9	1.3	0.7	1.5	2.8	3.7
	3MB	3.9	0.2	0.7	2.0	5.8	3.1	1.2	1.4	1.1	2.0	1.7	3.8
	3MC	3.7	0.2	0.9	2.1	5.8	3.7	1.5	2.0	1.1	2.1	2.4	2.9
	3MD1	3.5	0.1	0.6	2.8	8.0	4.1	1.4	1.5	1.5	2.2	0.6	4.4
	3MD2	3.5	0.1	0.7	3.2	7.5	3.9	1.3	1.7	1.3	2.1	1.6	2.9
	3N	7.5	3.1	0.9	1.1	1.1	0.3	0.0	0.0	0.0	1.3	3.4	4.3

Monthly Rainfall by Sub-basin

Year 2033 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	7.5	2.0	2.8	4.1	5.5	0.9	0.4	0.4	0.3	2.3	6.0	2.5
	4AB	6.4	2.5	2.2	3.2	5.3	1.8	0.6	0.8	0.6	1.8	4.3	2.2
	4AC	6.7	3.0	2.2	3.6	5.9	2.3	0.7	0.9	0.7	1.7	4.3	2.5
	4AD	7.2	3.2	2.4	4.2	6.7	2.8	0.8	1.0	0.9	1.9	5.1	2.9
	4BA	8.1	2.3	2.0	4.9	6.9	1.3	0.5	0.4	0.4	2.1	5.5	2.6
	4BB	7.7	2.1	2.7	4.3	5.6	0.8	0.5	0.4	0.3	2.3	6.0	2.5
	4BC	8.1	2.3	1.9	5.1	5.8	0.8	0.5	0.3	0.3	2.3	6.1	2.4
	4BD	7.9	3.3	2.2	5.3	7.7	2.8	0.8	0.8	0.8	2.1	6.0	3.2
	4BE	8.2	3.5	1.9	5.3	7.3	2.4	0.7	0.6	0.6	2.2	6.4	3.4
	4BF	7.8	3.6	1.0	4.3	5.3	1.2	0.3	0.2	0.3	1.9	6.4	3.3
	4BG	7.9	3.3	0.9	3.3	4.4	0.3	0.1	0.1	0.1	1.8	6.0	3.2
	4CA	8.2	4.4	2.5	5.0	6.6	3.8	0.9	1.1	1.0	2.2	6.5	3.8
	4CB	8.4	4.2	2.4	5.4	6.9	3.6	0.7	0.7	0.8	2.2	7.2	4.1
	4CC	8.0	3.7	1.1	3.0	3.1	0.6	0.1	0.2	0.1	1.5	6.9	3.8
	4DA	8.0	2.7	1.9	4.9	4.8	0.6	0.6	0.3	0.3	2.4	6.3	2.5
	4DB	8.4	3.0	2.1	6.3	4.5	0.7	0.8	0.3	0.4	2.7	8.0	2.6
	4DC	8.7	3.3	2.3	7.2	4.5	0.7	1.0	0.3	0.5	2.9	8.9	2.8
	4DD	7.9	3.5	1.5	5.0	3.4	0.3	0.5	0.2	0.2	2.4	6.3	2.6
	4DE	8.1	3.5	1.2	3.1	2.8	0.1	0.1	0.1	0.0	1.8	5.7	3.3
	4EA	12.0	4.2	1.1	9.2	7.9	0.4	0.6	0.2	0.3	4.4	11.2	5.6
	4EB	10.6	4.2	1.6	9.6	6.9	0.5	0.8	0.3	0.5	3.8	10.7	4.2
	4EC	8.7	3.9	1.7	7.7	4.4	0.4	0.8	0.2	0.4	3.0	8.9	3.3
	4ED	7.9	3.5	1.1	5.3	2.3	0.1	0.2	0.1	0.1	2.4	7.0	3.3
	4FA	11.9	4.1	0.9	8.3	7.8	0.2	0.3	0.1	0.2	4.6	11.1	6.6
	4FB	10.5	4.0	0.7	7.5	7.1	0.1	0.2	0.1	0.1	4.4	10.2	6.8
	4GA	9.0	3.7	0.5	5.3	5.4	0.1	0.1	0.1	0.1	4.0	7.6	5.4
	4GB	7.0	2.6	0.4	3.7	3.7	0.2	0.1	0.1	0.1	2.8	7.1	4.8
	4GC	3.7	0.8	0.4	0.8	0.5	0.5	0.1	0.1	0.2	1.4	4.5	3.1
	4GD	4.5	1.1	0.4	2.1	1.1	0.8	0.2	0.1	0.2	1.5	5.2	3.4
	4GE	5.9	1.6	0.5	3.3	1.2	0.8	0.2	0.1	0.2	1.7	5.9	3.9
	4GF	5.9	1.1	0.3	2.0	1.3	1.8	0.4	0.2	0.3	1.4	4.5	4.5
	4GG	5.5	0.4	0.4	1.5	4.1	5.5	1.6	0.9	0.7	1.3	2.2	3.7
	4HA	9.3	2.5	0.6	2.6	0.5	0.2	0.0	0.1	0.0	1.5	5.5	5.3
	4HB	7.0	1.3	0.4	1.4	1.1	1.7	0.4	0.3	0.2	1.4	4.2	5.2
	4HC	6.9	0.7	0.5	1.8	1.1	1.2	0.4	0.4	0.3	1.2	3.4	4.7
	4JA	3.4	0.3	0.2	0.7	2.3	1.9	0.5	0.1	0.6	1.1	3.6	2.6
	4JB	4.9	0.2	0.1	0.4	6.7	5.7	1.5	0.4	1.4	0.7	2.7	2.5
	4KA	4.4	0.2	0.1	0.4	5.2	4.5	1.2	0.3	1.2	0.8	3.1	2.6
	4KB	4.3	0.3	0.1	0.7	4.6	4.6	1.2	0.4	0.9	0.9	2.8	3.0
ENNCA	5AA	4.7	3.3	0.4	1.6	3.1	3.2	2.3	1.6	1.4	0.7	1.9	1.9
	5AB	4.5	3.2	0.4	1.7	2.5	2.8	1.7	1.2	1.1	0.6	1.8	1.7
	5AC	4.5	2.3	0.3	2.0	2.7	1.9	1.1	0.6	0.5	0.4	1.0	1.1
	5AD	4.2	2.5	0.3	1.6	2.1	1.9	0.7	0.6	0.5	0.4	1.3	1.3
	5BA	5.7	2.0	2.0	2.4	4.1	1.4	0.4	0.8	0.5	1.5	3.5	2.0
	5BB	5.1	2.5	1.5	2.3	3.6	1.9	0.6	1.0	0.7	1.3	3.0	1.8
	5BC-1	5.8	2.0	1.3	2.1	3.1	1.6	0.5	0.5	0.4	1.2	3.6	1.8
	5BC-2	5.1	2.0	0.3	1.6	1.8	1.7	0.4	0.2	0.2	0.7	2.4	1.1
	5BD	4.2	2.9	0.4	1.6	2.1	2.3	1.0	0.8	0.7	0.5	1.6	1.6
	5BE	8.8	2.0	1.2	3.4	3.2	1.1	0.2	0.1	0.1	2.3	6.4	2.2
	5CA	5.4	2.4	0.2	1.2	1.7	1.8	0.7	0.2	0.3	0.6	1.7	0.7
	5CB	4.9	2.0	0.2	1.1	1.7	1.4	0.4	0.0	0.1	1.2	3.1	1.4
	5CC	4.4	1.7	0.2	1.0	2.1	1.2	0.3	0.1	0.2	1.0	3.8	0.9
	5DA	10.6	2.9	0.7	5.4	4.2	0.4	0.1	0.0	0.1	3.8	8.1	3.9
	5DB	8.1	2.1	0.6	3.3	2.2	1.2	0.2	0.0	0.0	2.2	5.2	1.9
	5DC	5.0	2.3	0.3	1.5	1.6	2.0	0.5	0.1	0.1	0.7	1.8	0.8
	5DD	6.0	2.1	0.3	2.3	1.7	1.5	0.4	0.0	0.0	1.6	3.4	1.5
	5EA	1.3	0.1	0.7	4.3	1.8	0.4	0.1	0.0	0.0	1.4	1.6	0.5
	5EB	2.1	0.4	0.8	4.1	3.4	0.6	0.1	0.0	0.0	1.8	1.7	0.5
	5EC	4.0	1.3	0.5	4.5	4.2	0.6	0.1	0.0	0.0	2.3	3.0	1.3
	5ED	6.8	2.2	0.4	4.7	4.1	0.2	0.1	0.0	0.0	3.2	5.0	3.4
	5FA	3.9	1.0	0.4	2.3	1.6	0.3	0.1	0.1	0.1	1.9	3.6	2.4
	5FB	2.2	0.1	0.5	2.9	0.6	0.2	0.0	0.0	0.1	1.3	2.2	1.2
	5G	0.9	0.1	0.4	4.4	3.1	0.4	0.0	0.0	0.0	1.4	1.5	0.2
	5HA	0.3	0.0	0.1	4.4	5.5	0.3	0.0	0.0	0.0	1.5	1.3	0.2
	5HB	0.5	0.2	0.2	4.3	5.2	0.4	0.1	0.0	0.0	1.6	1.2	0.2
	5J	2.6	1.2	0.3	2.3	3.8	0.9	0.1	0.0	0.0	1.6	2.1	0.3

Monthly Rainfall by Sub-basin

Year 2034 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.0	1.2	4.8	6.5	8.5	3.0	3.3	4.9	2.4	5.0	8.0	1.3
	1AB	0.7	1.1	3.6	6.4	7.8	3.3	3.7	4.8	2.1	4.3	7.5	0.9
	1AC	0.9	1.1	4.0	7.2	7.6	3.7	4.1	4.7	2.3	4.2	8.0	1.0
	1AD	1.2	1.3	6.3	8.0	9.3	3.5	4.1	5.1	2.8	5.5	8.9	1.7
	1AE	1.3	1.5	8.0	7.7	10.8	3.0	3.5	5.0	3.0	7.0	9.3	2.3
	1AF	1.2	1.3	6.1	7.5	8.8	3.3	3.7	4.7	2.6	5.1	8.9	1.5
	1AG	1.3	1.4	6.5	7.4	8.7	3.2	3.4	4.7	2.7	5.0	9.0	1.5
	1AH	1.3	1.4	7.4	7.4	9.8	3.0	3.3	4.9	2.7	6.4	9.0	2.1
	1BA	0.0	0.5	3.4	8.5	5.9	5.3	4.0	5.6	1.2	1.2	8.6	1.5
	1BB	0.0	0.5	2.7	7.3	6.9	6.2	4.6	6.0	1.5	1.8	8.0	1.2
	1BC	0.1	0.6	2.5	7.3	8.0	6.7	5.5	6.4	1.8	2.6	6.5	0.6
	1BD	0.1	0.7	3.3	7.0	7.1	4.3	4.9	5.6	1.7	2.6	7.2	0.8
	1BE	0.2	0.8	2.8	6.4	8.1	4.6	5.1	6.0	1.8	3.3	6.8	0.6
	1BG	0.3	0.9	2.9	6.5	8.1	4.0	5.1	6.0	2.1	4.0	7.3	0.5
	1BH	0.5	0.9	3.0	6.5	7.8	3.8	4.8	5.8	2.3	4.2	7.5	0.5
	1CA	0.1	0.6	4.1	8.8	6.9	5.0	5.4	5.2	1.6	1.8	6.4	0.9
	1CB	0.1	0.8	4.5	9.1	7.3	5.5	6.1	5.5	1.9	2.0	5.9	0.7
	1CC	0.1	1.3	5.1	9.0	7.5	5.6	6.2	5.4	2.2	1.8	6.6	0.7
	1CD	0.4	1.0	4.5	8.7	7.7	5.5	7.3	6.3	2.7	2.8	7.3	0.6
	1CE	0.6	0.7	3.8	7.4	7.6	4.7	6.3	6.9	3.1	3.8	7.6	0.3
	1DA	0.9	1.0	4.8	9.0	7.8	5.4	7.1	6.8	3.4	4.1	9.0	0.6
	1DB	0.7	1.0	3.5	6.9	7.6	3.9	4.7	5.3	2.3	4.0	7.8	0.7
	1DC	1.0	1.2	5.0	8.1	7.6	4.3	5.1	5.2	2.8	4.0	8.9	0.8
	1DD	1.2	1.3	5.6	7.7	7.8	3.7	4.2	4.7	2.7	4.2	9.0	1.0
	1EA	0.9	1.5	7.0	10.3	8.0	6.2	8.4	6.8	4.0	4.0	10.6	0.7
	1EB	1.1	1.6	7.9	9.3	8.1	5.2	6.6	5.4	3.9	4.2	11.1	0.7
	1EC	1.0	1.3	6.3	10.4	8.2	5.9	7.9	6.7	3.7	4.3	10.2	0.7
	1ED	1.3	1.4	7.1	8.4	8.3	4.0	4.8	5.2	3.3	4.6	9.8	1.0
	1EE	1.4	1.3	7.1	7.5	8.8	3.0	3.3	4.7	2.8	5.6	8.9	1.6
	1EF	1.3	1.4	7.0	7.2	8.8	3.0	3.2	4.9	2.4	5.8	8.8	2.0
	1EG	1.3	1.4	7.9	7.8	8.3	3.3	3.9	4.6	2.9	4.9	9.6	1.4
	1FA	0.1	1.7	5.6	8.7	7.9	5.5	6.2	5.6	2.6	1.9	7.6	0.6
	1FB	0.5	1.5	5.9	8.9	7.7	5.6	7.6	6.0	3.2	2.7	8.7	0.9
	1FC	0.5	1.9	6.6	8.8	7.5	5.3	7.0	5.7	3.4	2.7	9.4	1.0
	1FD	0.4	2.0	6.6	8.3	7.7	4.7	6.1	5.2	3.1	2.3	8.9	1.0
	1FE	1.0	1.9	8.6	9.3	7.6	4.9	6.5	5.1	3.5	3.5	10.9	1.1
	1FF	1.1	1.7	9.5	8.3	7.6	3.6	4.8	3.9	2.8	3.3	10.4	1.3
	1FG	1.2	1.5	7.6	7.0	7.8	2.9	3.4	4.8	1.9	5.0	9.1	2.0
LVSCA	1GA	0.4	2.1	6.6	7.7	7.6	4.7	5.6	5.1	2.0	2.0	7.6	0.6
	1GB	0.9	2.2	8.0	8.5	6.8	3.9	5.3	4.4	2.5	3.0	8.8	1.3
	1GC	0.5	2.5	5.5	6.9	7.1	5.0	6.3	5.4	1.7	2.0	6.9	0.8
	1GD	1.4	2.5	9.2	8.2	6.8	3.2	4.4	3.6	1.8	3.2	7.9	1.2
	1GE	1.6	2.4	8.8	9.6	8.4	3.8	5.1	4.8	2.7	3.9	8.1	1.2
	1GF	1.6	2.5	9.7	10.1	7.4	3.5	4.5	4.3	2.6	3.8	8.8	1.4
	1GG	0.7	2.5	7.2	7.0	7.6	4.6	5.7	4.9	1.6	2.2	7.5	0.7
	1HA1	1.1	2.1	9.8	8.3	6.4	3.3	4.5	3.3	2.4	2.5	9.5	1.4
	1HA2	1.3	2.2	9.5	8.6	5.9	2.8	4.0	3.1	1.8	2.6	8.3	1.4
	1HB1	1.1	1.6	8.3	7.2	7.1	2.9	3.4	4.0	1.9	4.0	9.1	1.9
	1HB2	1.0	1.7	10.3	8.0	6.9	2.7	3.9	2.8	1.9	2.6	9.7	1.6
	1HC	1.0	1.6	7.4	6.8	6.8	2.7	2.9	4.5	1.7	4.4	8.8	2.3
	1HD	1.7	2.9	10.4	9.1	6.8	4.3	4.1	4.2	3.3	4.3	10.4	2.5
	1HE	1.6	2.9	9.8	8.1	6.5	4.2	3.7	4.0	3.6	3.9	11.2	2.8
	1HF	1.2	2.2	7.6	7.3	5.5	2.9	2.4	3.5	2.2	3.2	9.1	2.8
	1HG	1.2	1.9	7.1	6.8	5.4	3.0	2.4	3.4	2.0	3.3	8.5	2.7
	1JA	0.7	3.0	7.4	9.3	8.8	5.5	5.9	5.7	3.0	4.1	8.9	1.4
	1JB	1.2	3.2	9.4	11.4	10.9	5.4	6.1	6.2	4.0	5.9	10.8	1.8
	1JC	1.1	2.6	7.6	9.5	10.3	5.0	6.6	5.9	3.3	4.5	9.3	1.4
	1JD	1.5	2.8	8.9	11.7	10.7	5.2	6.2	6.4	4.1	6.2	10.4	1.7
	1JE	2.0	4.5	10.7	9.5	7.4	5.8	3.5	4.5	3.2	4.5	10.7	2.4
	1JF	1.1	3.6	9.5	10.3	8.6	5.7	4.8	5.4	3.4	5.2	9.9	2.2
	1JG1	1.7	3.1	9.8	11.0	8.6	4.9	5.0	5.5	3.7	5.6	10.0	2.0
	1JG2	1.6	2.7	10.9	9.4	6.8	3.9	4.2	3.9	3.0	3.9	10.1	2.0
	1KA	2.2	3.1	9.5	7.9	6.3	4.4	3.6	3.9	3.8	3.7	12.0	2.8
	1KB	2.5	2.8	8.8	7.4	6.0	3.8	2.8	3.3	2.7	3.1	10.2	2.5
	1KC	3.6	3.4	9.0	7.3	5.7	4.1	2.6	3.1	2.2	2.4	10.0	2.3
	1LA1	0.8	3.7	8.0	9.0	7.2	5.8	4.1	4.7	2.6	3.3	9.4	1.8
	1LA2	2.8	3.5	8.5	8.0	5.0	4.8	2.3	3.1	1.8	1.9	8.6	2.5
	1LA3	2.5	4.3	5.6	6.0	3.4	2.7	1.5	1.8	0.8	1.1	6.5	1.8
	1LB1	1.0	3.8	7.7	8.4	5.7	5.1	3.0	3.9	2.1	2.7	8.6	1.8
	1LB2	2.2	4.2	6.6	6.3	3.9	3.5	1.7	2.3	1.1	1.2	7.2	2.1

Monthly Rainfall by Sub-basin

Year 2034 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.1	0.3	1.8	2.8	0.8	0.1	0.8	0.5	0.0	1.2	3.2	0.3
	2AB	0.1	0.3	1.5	2.6	1.1	0.0	0.8	0.3	0.0	0.6	2.7	0.2
	2BA	0.1	0.4	2.4	7.0	7.3	6.8	5.3	6.4	1.6	2.1	6.0	0.5
	2BB	0.0	0.4	2.1	4.8	6.3	4.3	3.9	4.6	0.9	1.5	4.9	0.5
	2BC	0.1	0.5	2.2	4.9	6.6	4.2	4.4	5.3	1.0	1.9	4.9	0.3
	2BD	0.0	0.3	1.0	2.1	3.7	0.4	1.6	1.4	0.0	0.8	2.3	0.2
	2CA	0.0	0.3	0.8	2.0	2.8	0.2	1.0	0.9	0.0	0.7	1.9	0.1
	2CB	0.1	0.8	4.5	10.5	6.4	5.7	5.0	6.7	1.2	1.3	7.3	1.0
	2CC	0.2	0.4	1.8	4.3	4.5	2.2	2.6	3.1	0.4	1.3	3.9	0.5
	2D	0.3	0.7	2.4	5.9	3.1	3.1	2.5	3.5	0.4	2.2	4.1	0.8
	2EA	0.0	1.1	1.9	4.7	4.0	3.3	4.4	3.8	0.9	1.2	5.0	0.6
	2EB	0.0	1.0	1.8	5.5	4.3	3.6	4.3	3.7	0.7	1.0	5.1	0.6
	2EC	0.0	1.2	2.5	4.3	3.7	3.8	4.5	4.1	1.1	1.4	4.6	0.5
	2ED	0.0	1.9	3.8	7.3	6.3	5.7	6.0	5.8	1.3	1.1	6.3	0.4
	2EE	0.1	0.7	3.5	9.2	5.1	5.4	4.8	5.6	0.8	1.0	6.6	0.5
	2EF	0.0	1.6	2.9	6.4	4.8	4.9	5.5	5.2	1.0	0.9	6.0	0.4
	2EG1	0.1	1.8	2.9	5.4	4.8	5.2	5.5	5.0	1.2	1.3	5.2	0.5
	2EG2	0.0	1.0	2.7	6.7	4.4	4.5	4.6	4.6	0.8	0.9	5.7	0.5
	2EH	0.1	0.6	3.9	10.3	6.1	5.6	4.8	6.8	0.9	0.9	6.2	0.6
	2EJ	0.1	0.5	1.9	5.9	4.2	3.6	2.7	2.3	0.4	1.3	4.0	0.7
	2EK	0.1	0.6	2.0	6.6	4.4	3.8	3.7	3.1	0.4	1.0	4.8	0.7
	2FA	0.1	1.1	2.0	4.3	2.7	3.8	2.0	3.1	1.8	1.9	4.7	1.0
	2FB	0.0	1.1	2.4	3.9	3.3	3.5	3.6	3.8	1.4	1.5	4.2	0.6
	2FC	0.1	1.0	2.2	4.3	3.3	4.0	2.9	3.4	1.5	1.6	4.1	0.8
	2GA	0.3	1.4	2.4	5.5	2.9	3.4	2.0	2.9	2.0	2.4	5.8	1.0
	2GB	0.2	1.7	2.3	5.5	3.4	3.5	2.1	3.1	2.2	2.5	5.9	1.0
	2GC	0.7	2.7	3.2	8.6	6.1	3.2	1.9	2.5	3.3	4.7	9.0	1.6
	2GD	0.7	1.9	2.8	7.2	4.5	3.0	1.9	2.3	2.2	3.6	7.6	1.4
	2H-1	1.2	3.6	2.9	7.0	3.3	1.2	1.0	1.4	0.5	2.8	7.4	1.9
	2H-2	0.8	3.6	2.6	6.7	2.3	0.6	0.6	0.9	0.1	2.8	8.1	2.3
	2H-3	0.6	3.4	2.6	5.1	1.7	0.4	0.4	0.6	0.1	2.6	7.8	2.6
	2J	0.0	0.3	1.4	2.4	1.8	0.0	1.1	0.4	0.0	0.5	2.5	0.1
	2KA	1.4	3.9	4.5	5.8	3.6	2.6	1.6	2.1	0.8	1.4	6.2	1.3
	2KB	1.9	4.7	3.3	5.4	2.3	1.1	0.8	1.0	0.2	1.3	5.5	1.5
	2KC	1.7	4.6	3.1	5.4	2.2	0.8	0.6	0.9	0.0	1.5	5.4	1.5
ACA	3AA	0.4	3.3	2.4	7.6	2.6	0.6	0.6	1.0	0.2	3.4	9.5	2.5
	3AB	0.5	3.1	2.7	4.9	1.5	0.3	0.3	0.5	0.2	2.8	8.9	3.0
	3AC	0.1	2.4	2.8	7.3	1.9	0.4	0.5	0.5	0.3	4.2	11.5	3.4
	3BA	0.4	2.9	2.5	9.4	3.5	0.8	0.8	1.4	0.3	4.3	10.8	2.6
	3BB	0.4	2.9	2.7	10.4	4.2	1.1	1.2	1.7	0.3	5.0	12.3	2.8
	3BC	0.6	2.9	2.9	11.2	5.4	1.5	1.4	2.1	0.7	5.6	13.0	2.9
	3BD	0.6	2.7	2.9	10.9	5.0	1.4	1.4	1.8	0.7	5.6	12.9	2.8
	3CB	0.5	2.2	2.8	10.4	4.5	1.2	1.2	1.5	0.6	5.8	12.9	2.8
	3DA	0.0	1.6	3.3	7.6	1.7	0.1	0.4	0.2	0.4	4.5	11.4	4.0
	3DB	0.1	2.1	3.4	3.6	1.2	0.1	0.3	0.2	0.4	3.9	9.8	7.0
	3EA	0.1	2.8	3.3	4.5	1.3	0.1	0.3	0.3	0.4	3.8	11.3	4.6
	3EB	0.0	2.7	3.5	3.6	1.3	0.1	0.3	0.2	0.4	3.6	10.9	5.2
	3EC	0.1	2.7	3.4	2.8	1.2	0.1	0.3	0.2	0.3	2.7	10.2	5.1
	3ED	0.1	2.2	3.4	2.5	1.2	0.0	0.3	0.1	0.4	3.0	9.9	6.3
	3FA	0.3	2.6	3.1	3.0	1.0	0.1	0.2	0.2	0.1	1.7	7.8	5.7
	3FB	0.3	2.0	3.8	2.0	1.0	0.0	0.1	0.1	0.1	0.9	7.4	9.4
	3G	0.2	4.2	3.5	2.4	2.0	0.1	0.3	0.1	0.2	1.4	5.3	6.0
	3HA	0.2	1.0	4.5	1.6	2.4	0.1	0.4	0.2	0.4	1.4	7.0	8.7
	3HB	0.2	0.7	3.1	2.8	4.7	0.9	1.4	1.0	1.3	1.5	5.6	7.9
	3HC	0.1	0.1	0.6	4.1	8.6	1.1	3.1	1.8	1.8	2.1	4.5	7.1
	3HD1	0.1	0.0	0.2	4.6	10.9	1.5	3.1	2.0	2.0	1.9	4.2	7.4
	3HD2	0.1	0.0	0.1	5.1	10.7	1.1	3.9	1.9	1.9	2.4	4.8	6.5
	3J	0.2	4.2	3.2	2.7	3.2	0.3	0.5	0.1	0.4	1.3	3.8	6.2
	3K	0.1	1.0	1.8	8.5	11.6	4.3	5.6	1.2	3.9	1.9	6.3	7.3
	3LA	0.3	0.9	2.8	3.5	5.6	1.3	1.8	1.0	1.9	1.5	5.5	7.9
	3LB	0.2	0.0	0.2	5.1	11.6	1.7	3.6	2.0	2.5	2.0	4.5	7.3
	3MA-1	0.3	2.6	5.4	2.9	4.2	0.7	1.2	0.4	1.5	1.9	5.6	8.6
	3MA-2	0.2	1.7	3.7	5.3	7.5	2.8	3.4	0.8	3.0	1.6	6.2	7.5
	3MB	0.1	0.6	1.0	8.3	10.2	3.9	4.8	1.3	3.9	1.7	5.6	7.3
	3MC	0.1	0.8	1.4	8.5	11.9	4.7	5.8	1.2	4.0	1.8	6.5	7.2
	3MD1	0.2	0.1	0.5	9.7	12.4	4.0	5.0	2.2	3.7	1.9	5.3	7.8
	3MD2	0.1	0.2	1.1	9.8	13.3	4.2	6.0	1.6	3.9	2.0	6.1	6.9
	3N	0.4	4.3	3.4	3.0	1.1	0.1	0.2	0.3	0.0	1.8	6.5	4.4

Monthly Rainfall by Sub-basin

Year 2034 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.5	1.3	2.7	10.2	8.2	0.6	1.7	1.2	0.9	6.3	10.0	2.7
	4AB	1.7	1.8	2.4	9.2	7.6	1.5	1.8	1.8	1.5	4.8	8.0	2.5
	4AC	1.9	2.0	2.6	10.2	8.0	1.8	2.1	2.1	1.7	5.3	9.0	2.6
	4AD	1.7	2.3	2.9	11.2	8.7	2.1	2.1	2.2	2.0	6.1	10.4	2.6
	4BA	1.6	1.6	2.6	12.9	7.2	0.9	1.7	1.5	0.7	6.5	11.5	2.6
	4BB	1.4	1.3	2.9	11.8	8.0	0.5	1.6	1.1	0.8	6.6	11.2	2.6
	4BC	1.4	1.3	2.7	13.4	6.3	0.5	1.4	1.0	0.7	6.8	12.2	2.3
	4BD	1.6	2.2	3.0	13.4	8.3	1.9	2.0	2.2	1.5	7.1	12.4	2.7
	4BE	1.2	1.9	3.0	13.7	7.0	1.5	1.7	1.9	0.9	7.3	13.1	2.6
	4BF	0.4	1.5	2.6	12.1	3.8	0.6	1.0	1.0	0.3	6.3	12.9	2.4
	4BG	0.2	1.2	3.0	11.7	2.6	0.3	0.8	0.6	0.2	5.7	12.0	2.3
	4CA	1.1	2.6	3.5	12.5	8.2	2.6	2.1	2.6	1.9	7.1	13.3	2.8
	4CB	1.0	2.4	3.2	13.1	7.6	2.0	1.9	2.5	1.1	7.4	14.2	3.0
	4CC	0.1	1.2	3.0	10.1	2.3	0.3	0.7	0.6	0.3	5.4	12.1	2.9
	4DA	1.0	1.2	2.9	13.2	5.6	0.4	1.4	0.9	0.6	7.0	12.4	2.2
	4DB	1.1	1.1	2.8	14.5	6.0	0.5	1.8	1.0	0.8	8.8	14.7	2.8
	4DC	1.2	1.1	2.7	15.5	6.2	0.4	2.2	1.0	0.9	10.0	16.4	3.3
	4DD	0.6	1.4	3.2	11.8	3.5	0.4	1.6	0.9	0.5	6.7	14.5	2.7
	4DE	0.1	1.4	3.6	9.4	2.0	0.2	0.8	0.5	0.3	5.1	11.2	3.2
	4EA	0.3	1.7	2.0	13.9	4.1	0.2	2.2	0.9	0.8	14.3	23.8	7.3
	4EB	0.6	1.6	2.7	16.0	5.1	0.2	2.7	1.0	0.8	13.7	22.5	5.7
	4EC	0.7	1.3	2.9	14.0	4.3	0.3	2.1	1.0	0.8	10.1	18.6	4.1
	4ED	0.2	1.3	3.0	7.6	1.8	0.2	1.1	0.7	0.5	6.3	13.6	5.9
	4FA	0.3	1.4	1.5	11.5	3.4	0.2	1.6	0.8	0.9	13.3	23.2	8.0
	4FB	0.2	1.0	1.4	10.3	2.6	0.2	1.5	0.8	1.1	12.6	22.3	7.8
	4GA	0.2	0.9	1.0	7.7	1.7	0.1	1.4	0.8	0.9	11.6	18.6	7.0
	4GB	0.1	0.6	0.8	6.3	1.3	0.4	0.9	0.5	0.8	8.8	15.9	5.8
	4GC	0.1	0.2	0.5	2.6	0.6	0.8	0.3	0.2	0.4	3.2	9.0	3.0
	4GD	0.1	0.5	1.1	3.6	1.1	0.7	0.7	0.4	0.6	3.3	9.8	4.1
	4GE	0.2	0.9	1.8	4.4	1.3	0.4	0.7	0.5	0.7	3.3	9.9	6.9
	4GF	0.2	1.0	1.7	4.2	2.4	0.3	1.0	0.5	1.0	2.4	8.5	6.5
	4GG	0.0	0.1	0.2	5.4	7.5	1.1	3.1	1.2	2.4	2.4	7.5	4.5
	4HA	0.2	1.7	3.1	3.5	1.0	0.0	0.2	0.1	0.3	2.5	9.3	10.1
	4HB	0.2	1.2	2.2	4.2	2.3	0.3	1.1	0.7	1.0	1.5	9.0	7.9
	4HC	0.2	0.8	3.1	2.6	3.2	0.4	1.1	0.8	0.8	1.4	6.7	8.2
	4JA	0.1	0.2	0.3	4.1	3.8	1.0	0.7	0.3	0.6	2.2	6.7	2.0
	4JB	0.1	0.1	0.2	8.5	10.7	1.8	2.1	0.7	1.3	1.7	6.1	2.3
	4KA	0.1	0.1	0.3	7.2	8.5	1.5	1.7	0.6	1.2	1.7	6.2	2.2
	4KB	0.1	0.2	0.3	6.2	7.5	1.3	1.9	0.7	1.5	2.0	6.7	2.4
ENNCA	5AA	0.1	1.1	1.2	4.6	3.9	2.7	3.8	2.9	0.6	1.4	4.4	0.9
	5AB	0.1	1.1	1.2	4.8	3.2	2.4	3.1	2.5	0.7	1.6	4.3	1.0
	5AC	0.1	0.6	1.2	5.4	3.6	2.3	3.3	2.1	0.3	1.7	4.6	1.0
	5AD	0.1	0.6	1.1	5.0	2.9	1.8	2.4	1.8	0.4	1.8	4.1	1.0
	5BA	1.3	1.5	2.0	7.3	6.6	1.2	1.5	1.4	1.4	4.0	6.5	2.0
	5BB	1.1	1.6	1.7	6.5	5.6	1.6	1.6	1.6	1.5	3.2	5.5	1.7
	5BC-1	0.7	1.1	1.4	5.9	5.0	1.3	1.5	1.5	1.0	3.3	5.6	1.6
	5BC-2	0.1	0.6	1.0	4.9	3.0	1.7	1.9	1.6	0.7	2.2	4.6	0.9
	5BD	0.2	0.9	1.1	4.9	3.1	1.9	2.2	1.9	0.7	1.8	4.0	1.0
	5BE	0.4	1.3	1.4	6.2	4.1	1.0	1.4	1.3	0.9	5.3	8.3	2.8
	5CA	0.1	0.6	1.5	4.6	2.8	3.5	2.4	2.7	0.3	1.9	4.2	0.9
	5CB	0.2	0.7	1.8	5.1	2.0	2.8	2.4	2.7	0.2	2.7	4.4	1.0
	5CC	0.4	0.8	2.1	5.6	1.8	2.5	2.3	2.9	0.2	3.1	3.7	0.9
	5DA	0.2	1.2	2.1	7.6	2.6	0.5	1.3	1.1	0.6	8.7	13.4	5.4
	5DB	0.2	1.1	1.7	5.9	2.7	1.1	1.8	1.4	0.6	5.3	8.2	2.9
	5DC	0.1	0.6	1.2	5.0	3.2	2.2	2.4	1.8	0.3	2.2	4.8	1.0
	5DD	0.0	0.7	1.8	5.3	2.6	2.3	2.3	2.2	0.3	3.4	6.1	1.6
	5EA	0.0	0.1	0.5	1.8	0.9	0.2	0.2	0.1	0.3	3.7	4.1	1.0
	5EB	0.0	0.2	0.7	2.2	1.4	0.3	0.5	0.2	0.3	4.5	4.9	1.3
	5EC	0.1	0.4	1.2	3.9	1.6	0.6	1.3	1.3	0.3	6.0	6.0	2.3
	5ED	0.1	0.7	1.0	5.8	1.4	0.2	1.2	0.9	0.7	9.9	13.8	4.7
	5FA	0.1	0.4	0.4	3.3	0.8	0.5	0.5	0.4	0.5	6.3	8.6	3.0
	5FB	0.0	0.3	0.3	1.9	0.3	0.4	0.2	0.2	0.2	4.5	5.1	1.6
	5G	0.0	0.0	0.6	1.8	1.2	0.2	0.2	0.1	0.4	3.7	4.8	0.6
	5HA	0.0	0.0	0.3	1.5	0.9	0.1	0.3	0.0	0.3	2.8	5.0	0.4
	5HB	0.0	0.1	0.5	1.6	1.2	0.2	0.2	0.1	0.4	3.4	5.3	0.5
	5J	0.2	0.3	1.5	2.9	1.4	0.4	1.0	0.8	0.1	3.3	3.4	1.3

Monthly Rainfall by Sub-basin

Year 2035 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.6	2.2	3.6	8.7	4.3	3.2	3.7	4.3	5.8	4.1	4.0	1.2
	1AB	0.4	1.8	3.1	7.8	3.6	3.3	3.7	4.4	5.5	3.9	3.8	1.1
	1AC	0.6	1.8	3.0	8.7	3.8	3.8	3.6	4.1	5.5	3.9	4.6	1.0
	1AD	0.8	3.2	4.4	9.7	5.5	4.0	3.8	3.6	6.5	4.8	5.2	1.4
	1AE	0.7	4.2	5.2	10.4	6.7	3.7	3.3	3.8	7.1	5.8	4.5	1.9
	1AF	0.8	3.0	4.5	9.4	5.0	3.9	3.8	3.4	6.4	5.0	5.2	1.4
	1AG	1.0	3.2	5.0	9.5	4.9	4.0	4.0	3.1	6.7	5.3	5.6	1.6
	1AH	1.0	3.8	5.1	10.6	5.9	3.5	3.2	3.3	6.9	6.2	4.8	2.3
	1BA	0.1	1.4	3.2	6.3	2.3	2.7	4.0	3.6	3.0	4.4	3.5	1.7
	1BB	0.2	1.4	2.9	6.2	2.4	3.6	5.2	4.1	3.5	5.2	3.6	1.3
	1BC	0.3	1.4	2.8	6.1	3.1	4.8	6.4	4.7	4.4	5.3	4.1	1.1
	1BD	0.2	1.6	2.9	7.0	2.9	3.1	4.2	4.7	4.2	3.9	3.2	1.3
	1BE	0.3	1.7	2.9	6.1	3.4	4.2	5.6	4.7	5.1	4.7	3.5	1.2
	1BG	0.3	1.8	2.8	6.9	3.5	3.9	4.8	5.0	5.6	4.1	3.4	1.1
	1BH	0.3	1.7	2.6	7.5	3.5	3.7	4.2	5.2	5.7	3.7	3.5	1.0
	1CA	0.1	1.7	3.8	7.2	2.8	3.0	4.3	4.3	3.8	3.1	3.8	1.6
	1CB	0.2	1.9	4.4	7.8	2.8	3.5	4.9	4.6	4.0	3.0	4.1	1.5
	1CC	0.4	2.2	5.4	7.2	2.8	4.0	4.7	4.2	4.4	3.3	4.2	1.5
	1CD	0.5	2.4	3.3	8.5	3.8	4.7	5.3	5.4	4.8	3.4	4.7	1.1
	1CE	0.4	1.8	2.3	9.1	4.2	4.8	4.6	6.6	5.5	3.0	4.2	0.7
	1DA	0.6	2.5	2.9	9.8	4.9	6.0	5.3	5.3	6.3	3.6	5.8	0.8
	1DB	0.5	1.8	2.8	8.1	3.6	3.9	4.0	4.7	5.6	3.8	4.3	0.9
	1DC	0.7	2.5	3.8	9.1	4.1	5.0	4.3	3.8	6.2	4.2	5.8	1.0
	1DD	0.9	2.7	4.5	9.1	4.2	4.5	4.0	3.2	6.3	4.7	5.9	1.3
	1EA	0.9	3.9	4.7	10.1	5.3	7.3	6.3	4.6	7.1	4.3	7.3	1.1
	1EB	1.0	4.0	5.9	10.0	5.1	7.2	5.5	3.2	7.8	4.9	7.8	1.2
	1EC	0.9	3.6	4.2	10.3	5.4	7.1	6.0	4.1	7.4	4.5	7.4	1.0
	1ED	1.2	3.7	5.6	10.0	4.9	5.3	4.5	3.1	7.5	5.8	6.9	1.7
	1EE	1.4	3.8	5.4	10.6	5.0	3.7	3.4	3.0	7.3	6.9	6.0	2.5
	1EF	1.2	3.6	5.0	10.9	5.1	3.5	3.1	2.8	6.8	6.6	5.2	2.7
	1EG	1.6	4.0	5.8	11.0	4.9	4.4	3.5	2.6	7.3	7.2	6.5	2.6
	1FA	0.5	2.5	5.9	6.7	3.1	4.5	4.6	4.2	4.8	3.6	4.2	1.4
	1FB	0.8	3.2	4.6	8.3	3.9	5.3	5.5	4.8	5.1	3.8	5.5	1.3
	1FC	1.0	3.5	5.2	8.1	4.0	5.4	5.2	4.8	5.3	4.0	5.6	1.5
	1FD	0.9	3.2	5.4	7.2	3.8	4.8	4.2	4.5	4.8	3.9	4.8	1.5
	1FE	1.3	4.2	5.8	9.8	5.0	6.0	5.3	3.4	6.4	5.7	6.7	1.7
	1FF	1.5	4.1	5.9	10.2	5.1	4.9	4.0	2.4	5.9	6.9	6.0	2.1
	1FG	1.3	3.6	5.1	11.7	4.5	3.7	2.9	1.9	6.3	6.9	5.2	3.2
LVSCA	1GA	0.8	2.8	5.6	6.3	3.4	4.5	3.6	4.1	4.4	4.8	3.6	1.3
	1GB	1.2	3.6	5.3	7.9	4.1	3.9	3.7	4.4	4.4	5.5	4.1	2.0
	1GC	0.6	3.5	5.9	6.6	4.0	5.1	3.6	4.0	4.6	6.1	3.4	1.6
	1GD	1.2	3.6	5.3	7.7	4.8	3.6	2.7	4.0	4.4	7.0	3.5	2.1
	1GE	1.1	4.1	5.8	7.6	6.4	4.2	3.0	3.6	5.3	7.2	4.5	2.8
	1GF	1.2	4.4	5.7	8.0	6.8	3.6	3.2	3.1	4.6	7.2	4.7	3.0
	1GG	0.9	3.3	5.8	6.6	3.9	4.9	3.2	4.2	4.4	5.7	3.5	1.4
	1HA1	1.4	3.9	5.4	8.9	4.9	3.5	3.5	2.9	4.0	6.6	4.4	2.0
	1HA2	1.3	3.8	4.9	8.4	5.0	2.6	2.9	2.9	3.5	7.3	3.4	2.2
	1HB1	1.5	3.5	5.2	11.4	4.4	3.6	2.8	1.6	5.4	7.2	5.1	3.0
	1HB2	1.5	3.9	5.4	10.1	5.1	3.6	3.0	1.7	4.3	7.9	4.6	2.2
	1HC	1.4	3.0	5.0	11.6	4.1	3.2	2.6	1.6	5.2	6.8	5.0	3.2
	1HD	1.8	4.1	7.0	7.6	6.3	4.9	3.8	2.3	4.8	6.2	6.1	3.1
	1HE	2.1	3.5	7.4	7.4	5.6	4.7	3.7	2.0	4.6	5.0	7.0	2.7
	1HF	1.9	2.4	6.4	7.6	4.4	2.8	2.6	1.8	3.1	4.8	6.2	1.9
	1HG	1.8	2.5	5.5	7.8	4.0	2.3	2.1	1.7	3.1	4.9	5.6	2.0
	1JA	1.2	4.3	7.2	7.8	6.6	5.9	3.9	3.8	5.7	6.1	5.2	3.3
	1JB	1.7	5.1	8.2	8.6	8.6	6.7	4.2	3.7	6.6	7.4	7.2	4.4
	1JC	1.3	4.6	7.2	7.9	7.1	6.4	3.8	4.1	6.1	7.4	6.2	3.4
	1JD	1.5	5.1	7.7	8.3	8.6	6.6	4.4	3.7	6.6	7.4	7.2	4.5
	1JE	2.7	4.6	8.1	8.0	6.7	6.1	3.7	2.5	5.5	4.6	5.8	4.1
	1JF	1.9	4.7	7.9	8.0	7.3	6.5	4.1	3.2	5.7	5.6	5.7	4.2
	1JG1	1.7	5.0	7.3	7.7	7.7	6.0	4.2	3.2	5.8	6.6	6.2	4.1
	1JG2	1.6	4.3	6.4	7.8	6.6	4.2	3.6	2.5	4.6	7.3	5.4	3.0
	1KA	2.5	3.6	7.5	6.6	5.4	4.5	3.7	2.0	4.8	4.1	7.8	2.5
	1KB	2.6	3.6	6.1	6.4	4.8	3.5	2.8	2.1	4.1	4.4	6.2	2.3
	1KC	3.3	4.8	5.3	6.5	4.2	3.8	2.6	2.1	4.7	4.2	5.3	2.7
	1LA1	1.8	3.8	7.7	8.0	6.4	4.9	3.2	2.8	5.0	4.9	4.4	3.5
	1LA2	3.3	5.6	5.3	5.6	3.8	3.9	2.4	2.1	4.3	2.8	3.7	3.4
	1LA3	2.7	4.7	4.5	4.7	2.8	1.7	1.6	1.7	3.4	2.5	2.9	1.9
	1LB1	1.9	3.7	7.0	7.0	5.5	4.1	2.7	2.6	4.3	3.9	3.6	3.2
	1LB2	2.9	4.8	5.1	5.0	3.5	2.3	1.8	1.9	3.8	2.1	3.1	2.3

Monthly Rainfall by Sub-basin

Year 2035 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.3	0.7	1.2	0.5	0.0	0.5	0.3	0.3	0.4	0.2	0.6
	2AB	0.0	0.2	0.4	0.9	0.3	0.0	0.5	0.1	0.3	0.4	0.1	0.6
	2BA	0.2	1.1	2.7	5.9	2.7	4.4	6.0	4.1	3.6	5.1	3.7	0.9
	2BB	0.1	0.7	2.0	4.1	1.8	2.7	4.1	3.2	2.6	4.1	2.4	0.8
	2BC	0.1	0.8	2.3	4.5	2.5	3.4	4.8	2.9	2.8	4.1	2.6	0.8
	2BD	0.0	0.3	0.8	1.3	0.5	0.1	1.2	1.2	0.5	1.1	0.6	0.8
	2CA	0.0	0.3	0.6	1.2	0.4	0.0	0.5	0.2	0.4	0.6	0.5	0.8
	2CB	0.1	1.6	4.2	5.6	2.7	3.4	4.5	3.7	3.9	3.7	3.8	2.1
	2CC	0.1	0.7	1.5	2.6	1.3	1.0	2.0	1.7	1.5	2.4	1.6	1.0
	2D	0.1	1.2	2.3	2.6	1.8	0.8	2.0	1.5	2.2	2.9	1.8	1.4
	2EA	0.1	1.8	4.4	3.9	2.4	3.2	2.4	2.5	3.1	5.7	2.6	1.4
	2EB	0.1	1.7	3.8	3.4	2.1	3.0	2.9	2.6	2.9	5.5	2.6	1.3
	2EC	0.1	1.8	5.0	4.9	2.9	3.4	2.3	3.1	4.0	6.0	2.2	1.7
	2ED	0.2	2.3	5.6	5.3	2.6	4.0	3.8	3.6	3.8	4.8	2.5	1.3
	2EE	0.1	1.3	4.2	4.2	2.5	3.5	3.8	3.3	3.6	4.0	3.1	2.0
	2EF	0.1	2.0	5.3	5.0	2.7	3.9	3.1	3.4	3.6	5.2	2.0	1.5
	2EG1	0.0	2.6	5.2	5.5	3.0	4.0	3.2	3.6	4.3	5.8	2.1	1.6
	2EG2	0.1	1.5	4.3	4.0	2.5	3.4	3.0	3.1	3.5	5.1	2.4	1.7
	2EH	0.1	1.3	3.3	3.8	2.5	3.4	4.6	3.4	3.8	3.8	3.8	2.2
	2EJ	0.1	1.3	2.8	3.0	1.8	1.7	2.5	1.5	2.7	4.2	2.1	1.5
	2EK	0.0	1.3	2.9	3.3	1.9	2.4	3.0	2.1	2.8	4.8	2.4	1.5
	2FA	0.2	1.8	4.2	4.2	2.0	4.1	1.4	2.1	3.4	4.8	3.2	2.1
	2FB	0.1	1.7	4.7	4.5	2.7	3.3	1.8	2.7	3.7	5.9	2.7	1.7
	2FC	0.1	1.7	4.4	4.1	2.4	3.7	1.6	2.7	4.0	5.4	2.5	2.0
	2GA	0.2	2.1	4.5	3.8	2.0	4.2	1.5	1.7	2.9	4.6	3.1	2.0
	2GB	0.2	2.2	4.5	4.0	2.3	4.0	1.9	1.7	3.0	5.7	3.5	1.8
	2GC	0.7	2.9	5.6	4.1	4.5	4.3	2.3	1.4	3.1	5.2	4.1	2.5
	2GD	0.5	2.5	5.0	3.6	3.4	4.0	1.6	1.4	2.6	3.9	3.0	2.2
	2H-1	1.0	3.3	5.3	4.3	3.9	1.3	0.8	0.7	1.3	3.3	2.6	1.7
	2H-2	1.1	3.6	5.8	4.7	3.5	0.5	0.6	0.6	0.7	3.7	2.4	2.0
	2H-3	1.0	3.5	5.4	3.5	2.8	0.3	0.5	0.5	0.5	3.4	2.0	1.9
	2J	0.0	0.2	0.5	1.0	0.4	0.0	1.2	0.6	0.3	0.5	0.2	0.7
	2KA	1.4	2.8	5.2	4.3	3.6	2.1	1.3	1.7	3.2	2.9	2.3	1.6
	2KB	1.3	3.3	4.5	4.0	2.7	0.7	0.8	0.9	1.9	3.0	2.1	0.8
	2KC	1.4	3.9	4.9	4.0	2.9	0.5	0.7	0.6	1.5	2.9	1.9	1.0
ACA	3AA	1.0	3.7	6.1	5.0	4.4	0.6	0.5	0.6	0.8	3.9	2.8	2.4
	3AB	1.1	3.3	5.8	3.5	2.4	0.3	0.4	0.4	0.5	3.4	1.9	2.5
	3AC	0.8	3.2	5.9	5.0	2.0	0.3	0.4	0.7	0.3	4.4	2.9	3.7
	3BA	1.0	3.7	6.4	6.5	4.6	0.8	0.7	0.7	0.7	4.4	3.6	3.3
	3BB	1.3	3.6	6.9	8.0	4.8	0.9	1.0	0.7	0.6	4.4	4.4	3.9
	3BC	1.4	3.7	6.8	8.3	5.5	1.4	1.3	0.8	1.0	4.4	4.8	3.9
	3BD	1.4	3.5	6.8	8.2	4.9	1.3	1.2	0.9	0.9	4.5	4.8	4.2
	3CB	1.2	3.3	6.3	7.8	4.1	1.1	1.0	0.9	0.7	4.8	4.7	4.5
	3DA	0.7	2.9	5.5	4.8	1.0	0.3	0.2	0.8	0.1	4.7	3.1	4.0
	3DB	0.6	2.0	4.4	4.2	0.7	0.2	0.1	0.5	0.1	4.1	3.7	4.1
	3EA	0.8	2.9	5.4	3.0	1.0	0.2	0.2	0.5	0.1	4.1	2.7	3.6
	3EB	0.7	2.4	5.0	3.2	0.9	0.2	0.1	0.3	0.1	3.8	3.4	3.8
	3EC	0.6	2.6	4.4	3.2	1.0	0.1	0.1	0.3	0.1	3.4	3.3	3.5
	3ED	0.5	2.0	4.2	3.5	0.7	0.1	0.1	0.3	0.1	3.3	4.0	3.7
	3FA	0.4	2.6	3.9	2.8	1.1	0.1	0.1	0.3	0.1	2.9	2.7	2.9
	3FB	0.2	1.7	3.0	1.9	0.8	0.0	0.1	0.1	0.0	2.1	3.1	3.0
	3G	0.1	1.7	2.8	4.3	1.9	0.1	0.1	0.3	0.1	2.2	3.2	2.2
	3HA	0.2	1.3	2.5	3.2	1.6	0.0	0.2	1.1	0.1	1.8	4.9	1.9
	3HB	0.2	0.6	1.9	2.8	3.2	0.1	1.2	2.4	0.2	3.2	5.6	1.6
	3HC	0.1	0.1	1.1	2.1	4.7	0.2	2.1	3.0	0.4	3.7	3.7	1.7
	3HD1	0.1	0.0	1.5	2.4	5.9	0.3	2.2	2.8	0.5	3.5	5.3	1.9
	3HD2	0.1	0.0	1.0	2.1	5.4	0.2	2.2	3.0	0.5	3.5	3.1	2.6
	3J	0.2	2.2	2.5	5.5	2.8	0.1	0.1	1.3	0.1	2.5	3.6	1.6
	3K	0.9	0.1	2.3	5.4	9.7	0.1	2.5	3.6	1.4	4.4	4.7	1.3
	3LA	0.3	0.7	1.9	4.5	5.0	0.1	1.3	2.4	0.4	3.3	6.2	1.5
	3LB	0.1	0.0	1.4	3.7	7.0	0.3	2.4	2.9	0.5	3.6	6.0	2.1
	3MA-1	0.5	2.3	3.0	4.3	3.0	0.0	0.5	2.0	0.2	2.9	5.3	1.4
	3MA-2	0.9	0.8	2.6	4.3	5.9	0.1	1.5	3.0	0.8	3.8	5.2	1.2
	3MB	0.8	0.0	2.0	6.2	10.5	0.2	2.6	3.7	1.3	4.5	5.1	1.3
	3MC	1.1	0.1	2.1	5.4	10.0	0.1	2.7	3.9	1.5	4.5	4.6	1.4
	3MD1	0.1	0.0	2.1	8.2	11.5	0.3	2.6	4.0	1.1	5.3	6.8	1.3
	3MD2	0.3	0.0	2.1	6.4	10.6	0.1	2.7	4.6	1.5	4.9	5.2	1.4
	3N	0.4	2.7	4.0	3.5	1.6	0.1	0.1	0.3	0.2	2.8	2.3	2.3

Monthly Rainfall by Sub-basin

Year 2035 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.5	4.1	4.3	7.5	6.3	0.5	0.7	0.9	1.5	9.7	3.4	4.3
	4AB	2.0	3.9	4.0	5.3	6.1	1.5	1.2	1.1	1.8	8.1	2.9	3.5
	4AC	2.2	4.1	4.2	5.6	7.1	1.9	1.4	1.2	2.0	7.1	3.4	3.6
	4AD	2.0	4.3	4.7	6.5	7.5	2.3	1.7	1.2	2.1	6.4	4.1	3.8
	4BA	1.3	4.6	4.0	10.3	6.9	0.7	0.7	1.2	1.4	7.0	3.8	4.1
	4BB	1.2	4.3	4.3	8.3	6.4	0.4	0.6	1.1	1.6	8.6	3.7	4.5
	4BC	0.6	4.5	4.3	10.9	5.8	0.4	0.5	1.3	1.1	8.3	4.3	4.1
	4BD	1.7	4.5	4.7	9.6	8.0	2.1	1.6	1.2	1.7	5.9	4.9	4.0
	4BE	1.2	4.3	4.7	10.7	7.1	1.6	1.2	1.2	1.3	5.9	5.2	4.1
	4BF	0.6	3.7	4.7	10.2	4.3	0.6	0.6	1.0	0.5	5.8	4.5	4.4
	4BG	0.3	3.7	4.3	9.2	3.0	0.2	0.3	1.1	0.4	6.3	3.7	3.8
	4CA	1.6	3.8	6.3	7.9	6.9	2.9	2.1	1.2	1.8	5.0	5.4	3.9
	4CB	1.8	3.9	6.1	9.4	6.9	2.2	1.7	1.0	1.3	5.4	5.8	4.5
	4CC	0.6	3.3	5.1	7.2	2.0	0.3	0.3	1.0	0.2	5.7	3.6	4.3
	4DA	0.5	4.2	4.4	10.3	5.3	0.3	0.5	1.3	1.1	8.3	4.8	4.2
	4DB	0.5	3.9	5.4	10.9	5.8	0.3	0.7	1.4	1.2	8.8	6.5	4.9
	4DC	0.5	3.7	6.1	11.6	6.2	0.4	0.9	1.4	1.2	9.2	7.6	5.4
	4DD	0.2	3.3	4.7	9.1	3.2	0.2	0.7	1.4	0.7	7.8	4.8	4.5
	4DE	0.3	2.9	4.4	6.8	1.4	0.1	0.3	1.1	0.3	6.4	3.0	4.2
	4EA	0.8	2.8	7.3	17.3	6.2	0.2	1.1	1.2	0.9	9.7	9.8	7.8
	4EB	0.8	3.3	8.1	14.8	7.9	0.4	1.3	1.3	1.0	9.4	10.1	7.4
	4EC	0.5	3.4	6.7	11.3	5.8	0.3	1.0	1.5	1.0	8.7	7.8	6.0
	4ED	0.3	3.3	4.7	7.8	1.9	0.1	0.6	1.3	0.4	6.9	4.4	5.6
	4FA	0.7	2.6	6.1	17.5	3.9	0.1	0.8	1.1	0.8	9.8	8.9	7.9
	4FB	0.6	2.7	6.1	16.8	3.1	0.1	0.8	1.2	0.5	8.9	8.3	7.6
	4GA	0.4	2.6	5.6	15.2	1.8	0.1	0.8	0.9	0.3	8.5	6.7	7.6
	4GB	0.2	2.3	4.5	12.3	1.6	0.0	0.7	1.4	0.2	6.4	5.1	6.3
	4GC	0.1	1.2	2.5	6.0	0.7	0.0	0.3	1.9	0.2	3.8	1.6	4.6
	4GD	0.2	1.3	2.6	5.7	1.4	0.0	0.6	1.9	0.2	4.3	2.2	4.8
	4GE	0.5	1.4	2.7	5.5	1.3	0.0	0.6	1.7	0.2	4.6	2.6	4.9
	4GF	0.5	0.7	2.1	3.8	1.8	0.1	0.7	1.7	0.2	3.0	2.1	4.3
	4GG	0.1	0.4	1.5	3.6	5.1	0.3	1.9	3.1	0.5	3.4	2.8	4.3
	4HA	0.5	1.5	3.3	3.5	0.4	0.0	0.1	0.4	0.0	3.4	3.2	3.7
	4HB	0.5	0.9	2.2	2.7	1.5	0.1	0.8	1.0	0.2	2.3	2.3	3.5
	4HC	0.2	0.8	2.0	2.3	2.0	0.1	0.9	1.3	0.2	2.5	4.2	2.1
	4JA	0.1	0.4	1.8	4.7	2.9	0.3	0.8	1.8	0.2	3.0	1.2	3.3
	4JB	0.1	0.1	1.5	3.9	8.2	0.9	2.1	2.8	0.5	3.2	1.7	3.5
	4KA	0.1	0.1	1.6	4.0	6.5	0.7	1.7	2.6	0.4	3.0	1.5	3.5
	4KB	0.1	0.2	1.6	3.9	5.8	0.6	1.7	2.8	0.4	2.9	1.9	4.0
ENNCA	5AA	0.1	2.0	3.2	3.5	1.9	2.9	2.5	1.9	2.1	6.4	2.7	1.3
	5AB	0.1	1.9	2.8	3.5	2.0	2.7	2.0	1.2	1.7	7.2	2.4	1.5
	5AC	0.0	1.9	2.3	4.2	2.2	1.9	1.8	0.8	1.9	6.7	1.7	1.7
	5AD	0.0	1.8	2.2	3.5	2.4	1.9	1.4	0.6	1.4	8.0	1.7	1.8
	5BA	1.6	3.3	3.5	3.7	4.7	1.3	1.1	1.0	1.7	9.0	2.4	3.2
	5BB	1.2	2.7	3.5	3.2	4.2	1.9	1.4	1.2	1.8	8.6	2.5	2.7
	5BC-1	0.9	2.6	2.9	4.6	3.8	1.2	1.2	0.8	1.4	9.6	2.5	2.5
	5BC-2	0.1	2.3	2.5	3.8	2.9	1.3	1.3	0.6	1.6	8.9	1.9	1.8
	5BD	0.2	1.7	2.4	3.2	2.5	2.2	1.6	0.9	1.3	8.6	2.2	1.7
	5BE	0.6	3.1	4.1	7.1	3.3	0.7	1.0	0.6	1.5	10.2	3.3	3.9
	5CA	0.1	1.8	2.6	2.8	1.5	1.0	1.7	1.2	2.3	4.3	1.3	1.6
	5CB	0.2	1.9	2.6	2.8	1.7	0.6	1.4	0.9	2.1	5.1	1.3	1.7
	5CC	0.1	1.6	2.3	2.9	2.1	0.4	1.3	0.9	1.9	3.0	1.4	1.4
	5DA	0.6	3.2	4.7	11.6	1.3	0.2	0.6	0.4	1.1	10.2	5.0	6.1
	5DB	0.3	3.2	3.9	5.3	2.1	0.7	0.9	0.4	1.7	9.4	3.0	4.0
	5DC	0.1	2.4	2.9	3.5	2.2	1.4	1.4	0.7	2.0	7.6	1.3	2.0
	5DD	0.2	2.5	3.2	3.7	1.5	0.9	1.2	0.7	1.9	7.2	1.9	2.7
	5EA	0.0	0.9	2.5	5.2	0.4	0.1	0.2	0.5	0.1	3.2	1.4	1.3
	5EB	0.0	1.2	2.7	6.0	1.1	0.1	0.4	0.6	0.1	2.7	2.0	1.3
	5EC	0.1	2.1	2.4	7.9	1.9	0.1	0.6	0.6	0.6	2.9	3.2	1.8
	5ED	0.3	2.2	3.8	12.4	1.0	0.1	0.4	0.6	0.3	6.6	4.9	4.8
	5FA	0.1	1.2	2.9	8.1	0.6	0.0	0.4	1.0	0.1	4.3	2.5	3.8
	5FB	0.0	0.9	2.2	6.2	0.1	0.0	0.3	0.7	0.1	3.3	1.5	2.3
	5G	0.0	0.5	2.2	4.0	0.4	0.1	0.3	0.3	0.1	2.5	1.1	0.8
	5HA	0.0	0.1	1.4	3.2	0.2	0.0	0.2	0.5	0.0	1.8	1.1	0.6
	5HB	0.0	0.2	1.5	3.1	0.3	0.1	0.3	0.4	0.1	1.8	0.8	0.5
	5J	0.0	1.1	1.7	4.0	1.6	0.1	0.6	0.5	0.4	1.1	2.0	0.9

Monthly Rainfall by Sub-basin

Year 2036 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.2	4.6	5.3	8.1	7.3	4.3	4.4	3.9	7.9	5.6	4.5	1.1
	1AB	1.7	4.2	4.7	7.8	6.5	4.1	4.1	4.7	6.5	4.7	3.8	0.8
	1AC	1.8	5.3	5.0	9.2	8.1	4.2	4.5	3.9	7.4	5.4	4.3	1.1
	1AD	2.8	5.6	6.2	9.7	8.9	4.3	4.9	3.3	9.6	6.4	5.2	1.6
	1AE	3.4	5.1	6.8	7.6	8.2	4.9	4.7	3.4	9.0	6.6	4.8	1.9
	1AF	2.7	5.7	6.3	10.0	9.1	4.3	4.6	3.3	9.6	6.4	5.5	1.5
	1AG	3.0	5.6	6.7	10.5	9.1	4.2	4.4	3.3	10.5	6.6	6.1	1.4
	1AH	3.5	4.8	7.1	8.6	7.9	4.4	4.4	3.0	10.0	6.4	5.7	1.5
	1BA	1.6	2.8	5.2	2.8	2.5	6.9	6.9	4.9	3.0	1.2	3.8	0.1
	1BB	1.5	2.2	4.2	3.7	3.3	5.8	5.3	5.2	3.9	2.1	4.0	0.3
	1BC	1.5	1.6	3.3	4.7	4.2	4.3	3.7	5.6	4.8	3.0	4.0	0.3
	1BD	1.5	2.4	4.8	3.8	2.9	4.9	5.3	5.4	3.5	1.9	2.6	0.2
	1BE	1.5	1.8	3.7	5.7	4.0	3.2	3.2	5.9	4.5	2.8	2.9	0.2
	1BG	1.6	2.1	3.9	5.6	3.8	3.5	3.5	6.1	4.5	3.0	2.4	0.2
	1BH	1.5	2.7	4.0	6.0	4.4	3.7	3.7	5.6	5.0	3.5	2.6	0.4
	1CA	1.5	2.9	5.9	3.1	2.5	6.1	6.8	5.1	3.1	1.1	3.1	0.2
	1CB	1.4	3.0	6.0	3.3	2.7	5.9	6.9	5.5	3.3	1.2	3.2	0.3
	1CC	1.6	3.1	6.0	3.8	3.3	5.4	6.6	6.3	3.6	1.5	4.1	0.8
	1CD	1.8	3.5	5.2	4.6	4.4	4.5	5.9	5.3	4.2	2.5	2.8	0.9
	1CE	1.5	3.0	4.0	4.6	4.1	3.7	4.2	4.8	4.5	3.2	2.0	0.6
	1DA	1.9	4.9	4.8	7.6	6.9	3.8	4.3	4.3	6.3	4.4	3.2	1.2
	1DB	1.6	4.2	4.5	7.8	6.3	3.9	4.1	4.8	6.3	4.4	3.5	0.8
	1DC	2.2	5.6	5.6	9.9	8.5	4.1	4.2	4.0	8.2	5.5	4.8	1.2
	1DD	2.5	5.9	6.2	10.9	9.3	4.1	4.3	3.6	9.7	6.2	5.8	1.3
	1EA	2.8	5.4	6.3	8.0	7.7	4.3	4.3	5.4	6.4	4.4	4.2	1.6
	1EB	3.1	6.0	7.2	9.9	9.0	4.5	3.4	5.0	8.5	5.5	5.5	1.4
	1EC	2.6	5.9	6.0	9.8	8.6	4.0	4.4	4.5	8.0	5.2	4.4	1.5
	1ED	3.3	5.5	7.0	11.2	9.0	3.8	4.1	3.7	11.3	6.4	6.5	1.3
	1EE	3.7	4.6	7.3	10.7	8.0	3.4	4.1	2.8	12.5	6.7	7.3	1.2
	1EF	3.6	4.5	7.4	9.2	7.5	3.9	3.8	2.8	10.5	6.1	6.5	1.2
	1EG	3.8	4.6	7.9	10.4	7.6	3.4	3.4	3.0	11.8	6.1	7.5	1.1
	1FA	1.9	3.3	5.4	4.2	4.1	4.3	6.1	7.2	3.9	2.2	4.7	1.1
	1FB	2.6	4.1	6.0	5.9	5.6	4.5	5.6	6.1	4.8	3.2	4.3	1.5
	1FC	2.9	4.3	6.2	6.2	5.8	4.4	5.2	6.5	5.0	3.6	5.0	1.7
	1FD	2.8	3.8	5.7	5.9	5.0	3.8	5.3	6.5	4.4	3.5	5.2	1.7
	1FE	3.4	5.4	7.7	8.2	7.7	4.3	3.9	5.3	6.9	4.5	5.7	1.6
	1FF	3.4	5.3	8.4	7.9	7.7	4.1	2.8	3.8	7.4	4.5	6.5	1.5
	1FG	3.7	4.4	8.2	8.3	6.6	4.0	2.5	2.6	8.7	5.0	7.0	1.1
LVSCA	1GA	2.5	4.0	4.9	5.1	4.5	3.1	5.8	6.5	3.9	2.1	5.1	1.0
	1GB	3.6	4.7	6.4	7.3	4.9	3.6	5.6	5.4	4.8	3.5	5.8	1.4
	1GC	2.0	4.2	5.2	5.8	3.9	3.1	6.3	5.9	4.3	2.3	4.9	0.9
	1GD	4.0	6.0	6.3	7.1	5.3	3.5	5.8	3.7	4.4	3.5	6.7	1.2
	1GE	4.1	7.0	7.2	7.6	5.8	3.2	6.2	3.5	4.4	4.8	7.0	1.4
	1GF	4.1	6.9	8.3	7.3	6.4	3.4	4.9	3.0	4.5	4.6	7.0	1.6
	1GG	2.7	4.9	4.8	5.9	4.4	3.3	6.1	5.6	4.1	2.1	5.5	1.0
	1HA1	3.5	5.2	8.0	6.3	6.8	3.9	3.7	3.9	5.0	3.9	6.3	1.6
	1HA2	3.8	5.2	7.6	6.4	6.1	3.5	4.5	3.4	4.5	3.9	6.5	1.5
	1HB1	3.4	4.6	8.4	7.7	6.8	3.8	2.2	2.6	7.8	4.4	7.1	1.2
	1HB2	3.3	5.3	8.7	6.5	7.1	4.0	2.4	2.7	5.4	3.8	6.8	1.6
	1HC	3.3	4.2	7.9	7.1	6.7	3.8	1.9	2.6	7.5	4.2	6.9	1.1
	1HD	4.3	7.0	7.0	6.8	7.3	4.1	3.7	4.1	6.1	4.6	6.9	2.5
	1HE	3.9	6.5	6.0	6.0	8.0	4.2	2.8	4.7	7.1	4.5	6.8	2.9
	1HF	2.6	4.7	4.8	4.0	8.1	2.8	1.3	4.1	5.9	3.6	5.8	2.2
	1HG	2.5	4.5	5.0	4.1	7.3	2.5	1.1	3.5	5.5	3.7	5.3	1.9
	1JA	3.2	7.0	7.5	8.0	4.7	3.4	6.6	5.4	4.5	3.8	5.6	1.8
	1JB	4.2	9.5	8.9	9.6	5.8	3.1	7.0	5.0	5.0	5.3	6.9	2.4
	1JC	3.3	7.9	7.3	8.6	5.3	3.1	7.1	5.2	4.8	4.8	6.5	1.8
	1JD	4.1	9.3	9.0	9.6	6.2	3.2	6.8	4.5	5.0	5.6	7.1	2.0
	1JE	6.1	9.4	7.5	7.8	5.8	3.5	5.3	5.1	6.8	4.2	5.4	3.7
	1JF	4.5	8.3	8.0	8.4	5.5	3.6	5.9	5.2	5.4	4.2	5.8	2.4
	1JG1	4.6	8.4	8.4	8.4	6.5	3.6	5.5	4.3	5.5	5.1	6.9	2.1
	1JG2	4.3	7.0	7.8	6.9	6.9	4.0	3.8	3.4	5.3	4.4	7.0	2.2
	1KA	4.2	7.1	5.3	5.8	8.2	3.8	2.7	5.2	7.6	4.8	6.1	3.7
	1KB	4.1	7.0	5.2	5.0	7.0	2.6	2.5	4.3	6.0	4.1	4.8	3.4
	1KC	5.6	8.5	6.2	5.1	6.0	2.3	3.5	3.9	6.3	3.5	3.6	4.5
	1LA1	4.2	7.3	7.5	7.5	4.5	3.3	6.1	5.5	5.0	3.8	4.8	2.8
	1LA2	5.6	8.2	6.8	5.3	5.0	2.7	4.4	3.4	5.8	2.2	3.2	3.9
	1LA3	4.6	7.1	6.5	4.8	3.6	2.5	3.6	2.9	3.9	1.7	3.0	3.3
	1LB1	4.2	6.7	6.9	6.1	3.6	3.2	5.3	4.7	4.1	3.0	4.2	2.7
	1LB2	5.2	7.8	6.6	5.1	3.6	2.8	4.3	3.0	4.5	1.9	2.9	3.5

Monthly Rainfall by Sub-basin

Year 2036 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	1.1	0.9	1.0	0.6	0.6	2.0	0.8	0.3	0.1	0.1	0.9	0.0
	2AB	1.3	1.3	0.9	0.6	0.6	2.0	1.2	0.3	0.0	0.0	0.5	0.0
	2BA	1.4	1.6	3.1	4.0	3.7	5.0	4.1	5.4	4.6	2.8	4.4	0.3
	2BB	1.0	1.1	2.6	2.6	2.6	4.7	3.9	4.3	3.6	2.1	4.2	0.2
	2BC	1.1	1.3	2.8	3.7	3.3	3.7	3.1	4.9	4.1	2.6	3.7	0.3
	2BD	1.4	1.6	1.5	1.0	1.1	2.5	1.6	1.5	1.1	0.3	2.0	0.0
	2CA	1.5	1.5	1.4	0.9	0.9	2.1	1.3	0.9	0.6	0.0	1.4	0.0
	2CB	1.6	3.6	4.7	2.9	2.4	6.2	8.0	6.7	2.7	1.0	3.9	0.2
	2CC	1.2	1.3	2.3	1.6	1.6	4.3	3.0	3.2	1.8	1.0	3.0	0.1
	2D	1.1	1.0	2.8	1.5	1.6	5.6	3.2	4.9	1.0	1.0	3.2	0.1
	2EA	0.8	1.2	2.7	1.6	2.4	4.4	6.0	4.2	2.5	1.7	3.6	0.4
	2EB	0.9	1.3	2.2	1.5	2.3	5.1	6.2	4.9	2.0	1.4	3.3	0.5
	2EC	0.8	1.5	4.1	1.8	2.6	3.2	5.9	4.1	3.1	1.7	3.8	0.2
	2ED	1.3	2.3	4.3	2.9	3.3	3.2	6.5	7.4	3.5	1.3	4.2	0.5
	2EE	1.5	2.5	3.3	2.4	2.1	5.5	7.4	6.0	2.4	1.2	4.3	0.5
	2EF	1.2	1.8	4.0	2.1	2.6	3.8	6.3	5.8	3.2	1.3	4.2	0.4
	2EG1	0.9	1.7	5.3	2.4	2.8	3.3	6.0	5.7	3.6	1.4	3.8	0.3
	2EG2	1.2	1.8	3.1	1.8	2.3	4.4	6.6	5.2	2.5	1.4	3.9	0.5
	2EH	1.4	3.6	2.8	2.5	2.4	5.0	8.3	7.4	2.1	1.4	3.4	0.3
	2EJ	0.5	1.4	2.1	1.3	2.4	5.1	4.9	4.8	0.8	1.0	2.3	0.3
	2EK	0.7	1.6	1.6	1.5	2.4	5.4	5.9	5.2	1.3	1.1	2.7	0.5
	2FA	0.8	2.1	2.2	2.5	2.7	4.6	4.5	3.7	2.9	2.2	3.5	0.4
	2FB	0.7	1.5	3.4	2.1	2.7	2.7	5.7	3.8	3.1	2.1	3.6	0.3
	2FC	0.8	1.9	3.2	2.1	2.6	3.9	5.3	3.7	2.8	1.8	3.5	0.3
	2GA	0.8	2.2	2.3	2.5	2.6	4.6	4.1	3.8	3.0	2.1	3.3	0.5
	2GB	0.9	2.1	2.3	2.6	2.8	4.6	4.3	4.2	3.2	2.3	3.5	0.5
	2GC	1.7	3.6	2.9	3.4	3.7	4.6	3.5	3.9	3.5	2.6	4.6	0.9
	2GD	1.4	3.3	2.6	2.8	3.0	4.9	3.6	3.2	2.6	2.0	3.9	0.8
	2H-1	1.2	2.9	4.0	3.7	2.7	2.9	1.6	1.4	1.1	0.6	5.4	0.6
	2H-2	0.7	2.1	4.3	3.8	2.5	1.9	0.6	0.8	0.7	0.1	6.3	0.3
	2H-3	0.5	1.8	4.1	3.9	2.0	0.8	0.2	0.5	0.6	0.0	5.8	0.0
	2J	1.4	1.5	1.1	0.6	0.7	2.1	1.5	0.5	0.4	0.0	0.7	0.0
	2KA	2.9	5.0	5.2	3.8	2.0	4.0	3.9	3.0	2.2	1.5	3.1	1.8
	2KB	2.1	4.1	4.9	3.7	2.0	3.0	2.2	1.7	1.3	0.6	3.8	1.2
	2KC	1.7	3.6	5.0	3.9	2.2	2.2	1.7	1.3	1.3	0.2	4.4	1.0
ACA	3AA	0.6	2.0	4.4	3.7	2.7	2.1	0.5	0.7	0.7	0.0	6.8	0.3
	3AB	0.7	1.9	4.3	3.7	2.1	0.9	0.2	0.4	0.6	0.0	6.6	0.2
	3AC	0.8	2.0	4.8	2.5	2.2	1.5	0.3	0.3	0.2	0.0	9.5	0.9
	3BA	0.9	2.2	4.7	3.4	3.2	2.7	0.8	0.9	0.6	0.2	8.6	0.9
	3BB	1.1	2.6	4.6	3.4	3.9	3.5	1.3	1.0	0.5	0.4	9.6	1.2
	3BC	1.5	3.2	4.6	4.1	4.7	3.9	1.8	1.5	0.9	0.9	9.7	1.4
	3BD	1.4	3.0	4.6	3.7	4.4	3.8	1.6	1.4	0.8	0.8	9.9	1.5
	3CB	1.4	3.0	5.0	3.4	3.9	3.1	1.4	1.1	0.7	0.7	10.6	1.6
	3DA	0.9	1.7	5.7	1.8	2.1	0.7	0.2	0.1	0.0	0.0	10.6	1.1
	3DB	1.3	1.1	5.6	2.3	2.3	0.3	0.1	0.1	0.4	0.0	10.2	0.5
	3EA	1.0	1.9	4.4	2.6	2.1	0.5	0.1	0.1	0.0	0.0	9.3	0.7
	3EB	1.6	1.4	4.5	2.8	2.2	0.4	0.1	0.1	0.0	0.0	9.3	0.6
	3EC	1.7	1.4	3.6	3.3	2.0	0.4	0.1	0.1	0.0	0.0	8.0	0.3
	3ED	1.8	1.2	4.9	3.0	2.1	0.2	0.1	0.1	0.7	0.0	8.4	0.3
	3FA	0.8	1.7	3.8	3.0	1.5	0.3	0.0	0.1	0.3	0.0	6.4	0.1
	3FB	0.5	2.3	4.0	1.9	1.3	0.0	0.0	0.0	0.6	0.0	6.9	0.6
	3G	0.9	2.2	3.4	1.9	2.4	0.0	0.2	0.1	0.3	0.1	6.0	0.7
	3HA	0.1	0.6	3.2	2.4	2.2	0.0	0.1	0.2	0.4	0.1	6.5	1.6
	3HB	0.1	0.6	3.0	2.5	4.0	0.1	0.6	0.3	0.3	0.5	4.1	1.1
	3HC	0.1	0.3	3.3	3.7	5.3	0.3	1.3	0.6	0.4	0.8	3.3	0.4
	3HD1	0.1	0.4	2.4	3.8	5.5	0.4	1.7	0.6	0.4	1.0	3.2	0.7
	3HD2	0.1	0.4	3.2	4.3	6.5	0.5	1.5	0.6	0.5	0.7	3.5	0.3
	3J	1.2	2.4	4.6	2.5	3.9	0.0	0.2	0.2	0.4	0.2	4.9	0.5
	3K	0.2	0.3	3.7	4.2	12.8	0.4	1.3	0.7	0.2	0.4	4.9	0.2
	3LA	0.2	0.7	3.2	2.5	5.8	0.1	0.7	0.3	0.3	0.5	4.0	0.9
	3LB	0.1	0.4	2.5	3.9	7.7	0.5	1.7	0.6	0.4	1.0	2.7	0.6
	3MA-1	0.2	1.3	4.1	2.7	4.1	0.1	0.2	0.3	0.5	0.3	5.7	0.7
	3MA-2	0.2	0.9	3.6	2.9	7.6	0.3	0.8	0.4	0.2	0.4	4.6	0.5
	3MB	0.3	0.4	3.6	3.6	12.9	0.3	1.3	0.5	0.2	0.6	3.9	0.3
	3MC	0.2	0.3	3.6	4.3	13.2	0.4	1.4	0.6	0.2	0.5	4.5	0.2
	3MD1	0.2	0.5	4.0	4.1	16.2	0.3	2.0	0.5	0.3	0.7	4.2	0.2
	3MD2	0.3	0.4	3.7	4.4	14.5	0.3	1.5	0.7	0.3	0.4	5.7	0.3
	3N	0.7	1.9	3.1	2.6	1.4	0.3	0.1	0.1	0.2	0.0	5.7	0.2

Monthly Rainfall by Sub-basin

Year 2036 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.6	0.9	3.6	2.8	5.7	2.0	0.9	1.1	0.5	1.2	5.1	1.3
	4AB	1.6	1.9	3.1	2.9	4.9	2.7	1.5	1.9	1.5	1.5	4.4	1.6
	4AC	2.0	2.7	3.4	3.5	5.4	2.8	1.8	2.0	1.7	1.8	5.1	1.8
	4AD	2.3	3.2	3.6	4.2	5.9	2.9	1.9	2.4	1.9	2.1	5.8	1.7
	4BA	2.0	1.2	4.0	4.0	6.0	1.6	0.9	0.7	0.4	1.0	5.4	1.1
	4BB	1.7	0.8	3.9	3.2	6.3	1.7	0.7	0.6	0.3	1.0	5.3	1.0
	4BC	1.8	0.5	4.6	3.7	5.6	1.4	0.6	0.4	0.1	0.6	5.8	0.6
	4BD	2.6	3.1	4.2	5.1	6.2	2.3	1.7	2.1	1.5	1.8	6.8	1.4
	4BE	2.5	2.9	5.0	5.1	5.6	2.1	1.5	1.5	0.9	1.4	8.2	1.3
	4BF	1.5	1.8	5.5	3.5	3.6	1.4	0.7	0.4	0.2	0.4	9.3	1.2
	4BG	1.4	1.0	6.0	2.8	2.4	0.7	0.3	0.1	0.0	0.1	8.3	0.7
	4CA	2.5	4.5	4.3	5.2	5.9	4.0	2.6	2.9	2.0	2.2	8.8	1.6
	4CB	2.5	4.2	4.7	5.3	6.0	3.3	2.1	2.2	1.3	1.7	10.1	1.8
	4CC	1.1	1.6	5.8	2.2	2.1	1.0	0.4	0.2	0.1	0.1	9.7	1.0
	4DA	2.0	0.5	5.3	3.4	4.9	1.2	0.6	0.4	0.1	0.5	6.9	0.5
	4DB	2.4	0.6	5.9	3.4	5.4	1.6	0.8	0.5	0.1	0.9	8.3	0.5
	4DC	2.7	0.6	6.3	3.4	5.9	1.7	0.9	0.6	0.1	1.1	9.2	0.5
	4DD	2.1	0.5	5.3	3.3	3.2	0.7	0.4	0.2	0.0	0.3	7.9	0.3
	4DE	1.2	0.7	5.2	2.6	1.7	0.3	0.1	0.0	0.0	0.0	8.2	0.4
	4EA	3.5	0.6	6.4	2.8	5.7	2.0	0.8	0.6	0.1	2.3	12.7	0.9
	4EB	3.4	0.6	7.3	3.2	6.0	1.7	0.9	0.7	0.1	1.7	12.4	0.8
	4EC	2.9	0.6	6.7	3.3	4.4	1.0	0.7	0.5	0.0	0.7	10.5	0.4
	4ED	1.6	0.5	5.9	2.3	1.8	0.3	0.2	0.1	0.0	0.1	9.9	0.2
	4FA	3.6	0.6	5.6	2.6	4.9	1.9	0.6	0.4	0.1	2.3	12.2	0.8
	4FB	3.5	0.5	6.0	2.8	3.9	1.0	0.3	0.2	0.0	1.5	11.8	0.5
	4GA	2.7	0.3	5.3	2.6	3.9	0.9	0.2	0.1	0.0	1.1	10.1	0.4
	4GB	2.0	0.2	4.7	2.0	2.5	0.4	0.1	0.0	0.0	0.5	8.5	0.1
	4GC	0.6	0.2	2.6	1.0	1.3	0.1	0.1	0.0	0.0	0.1	4.5	0.1
	4GD	0.8	0.3	3.0	1.1	1.5	0.2	0.2	0.1	0.2	0.1	5.6	0.1
	4GE	0.8	0.4	4.2	1.4	1.6	0.2	0.2	0.1	1.2	0.1	7.1	0.1
	4GF	0.6	0.6	3.5	1.8	2.7	0.3	0.5	0.2	1.8	0.1	5.9	0.1
	4GG	0.3	0.4	2.5	3.5	5.8	1.1	1.5	0.5	0.4	0.3	3.6	0.1
	4HA	0.6	1.4	5.5	1.8	1.5	0.1	0.0	0.0	2.1	0.0	8.2	0.3
	4HB	0.4	1.0	3.8	1.9	2.4	0.3	0.5	0.2	2.4	0.1	5.3	0.2
	4HC	0.2	0.7	3.2	2.3	2.6	0.1	0.4	0.3	0.6	0.3	5.0	1.1
	4JA	0.4	0.2	1.4	1.4	2.2	0.5	0.3	0.1	0.1	0.2	4.2	0.1
	4JB	0.3	0.4	1.1	2.5	5.1	1.5	1.1	0.3	0.4	0.4	4.9	0.1
	4KA	0.3	0.3	1.1	2.1	4.2	1.1	0.9	0.2	0.3	0.3	4.5	0.1
	4KB	0.4	0.4	1.4	2.4	4.7	1.1	1.0	0.2	0.3	0.3	4.4	0.1
ENNCA	5AA	0.5	1.0	1.8	1.3	2.3	5.6	5.2	4.6	1.6	1.2	2.2	0.4
	5AB	0.5	0.9	1.8	1.4	2.1	5.4	4.6	4.2	1.4	1.1	2.1	0.3
	5AC	0.3	0.9	2.1	1.2	2.3	7.0	4.3	3.2	0.4	0.5	2.2	0.2
	5AD	0.3	0.6	2.0	1.2	1.7	5.6	3.8	3.2	0.6	0.5	2.0	0.4
	5BA	1.2	1.2	2.5	2.2	3.7	2.5	1.6	2.3	1.3	1.2	3.5	1.5
	5BB	1.1	1.3	2.3	2.0	2.8	3.0	2.2	2.9	1.6	1.3	3.1	1.3
	5BC-1	0.8	0.7	2.1	1.9	2.2	3.2	2.3	3.2	1.1	1.1	3.0	1.1
	5BC-2	0.3	0.4	2.3	1.4	1.3	5.2	3.2	3.2	0.7	0.6	2.3	0.6
	5BD	0.5	0.7	1.7	1.4	1.6	4.5	3.8	3.8	1.1	0.9	1.9	0.5
	5BE	1.0	0.8	2.9	1.7	2.3	3.8	1.8	2.6	0.8	1.9	5.0	0.9
	5CA	0.6	0.5	3.1	0.9	2.0	6.7	3.2	4.0	0.3	0.4	2.3	0.1
	5CB	0.9	0.4	3.4	1.0	1.5	6.9	2.3	3.5	0.2	0.4	3.0	0.1
	5CC	1.2	0.2	3.2	1.3	1.3	6.6	1.7	4.0	0.3	0.6	3.4	0.0
	5DA	1.8	1.9	3.8	1.6	2.9	3.2	0.9	0.5	0.2	2.6	8.1	1.1
	5DB	1.0	1.4	3.4	1.4	1.5	4.4	1.9	1.8	0.5	1.8	5.1	0.9
	5DC	0.4	0.4	3.7	0.9	1.5	7.1	3.6	2.6	0.3	0.3	2.5	0.2
	5DD	0.8	1.0	3.6	1.1	1.6	6.2	2.6	2.5	0.2	0.6	3.4	0.4
	5EA	0.8	0.1	1.6	2.3	1.7	0.5	0.1	0.0	0.1	0.2	2.8	0.1
	5EB	0.8	0.1	2.0	2.4	1.8	1.0	0.2	0.0	0.1	0.2	2.7	0.1
	5EC	0.9	0.4	2.4	2.2	1.3	2.6	0.4	0.8	0.2	0.4	3.6	0.2
	5ED	1.8	0.7	3.2	2.5	2.7	1.3	0.2	0.1	0.0	1.0	6.9	0.5
	5FA	0.9	0.2	2.3	1.8	2.0	0.4	0.1	0.0	0.0	0.2	5.0	0.1
	5FB	0.7	0.1	1.4	1.7	1.5	0.3	0.0	0.0	0.0	0.0	3.4	0.1
	5G	0.7	0.2	1.8	2.4	1.9	0.4	0.2	0.0	0.1	0.3	2.3	0.2
	5HA	0.3	0.5	1.3	1.9	1.4	0.4	0.1	0.0	0.1	0.2	1.6	0.2
	5HB	0.4	0.3	1.7	2.2	1.8	0.4	0.2	0.0	0.1	0.3	2.0	0.2
	5J	0.6	0.3	1.6	1.4	1.1	2.4	0.4	0.5	0.1	0.3	2.0	0.0

Monthly Rainfall by Sub-basin

Year 2037 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.9	0.1	3.4	10.0	4.3	4.2	3.4	3.9	1.7	9.8	8.7	6.1
	1AB	0.9	0.0	3.4	9.7	4.0	4.0	3.6	3.8	1.1	8.3	7.8	4.8
	1AC	1.3	0.0	3.7	10.5	4.5	4.4	3.7	4.3	1.4	9.1	8.4	5.2
	1AD	1.3	0.1	3.9	11.4	4.7	5.0	3.6	4.8	2.1	11.2	9.3	7.3
	1AE	1.0	0.2	3.4	10.9	4.4	4.8	3.2	4.4	2.6	12.9	10.1	8.6
	1AF	1.3	0.1	3.9	11.1	4.8	4.8	3.6	4.7	2.0	10.8	9.3	7.5
	1AG	1.3	0.1	3.9	10.9	4.9	5.0	3.4	4.8	1.9	10.1	9.3	7.8
	1AH	1.3	0.2	3.4	10.3	4.2	5.0	3.0	4.1	2.2	11.4	10.3	8.6
	1BA	0.5	0.0	2.3	10.9	1.0	4.6	5.8	3.7	0.2	8.2	8.7	4.3
	1BB	0.9	0.0	3.1	10.5	1.4	4.3	5.6	4.1	0.2	7.3	6.7	3.5
	1BC	1.0	0.0	3.6	10.3	1.8	4.2	5.0	4.1	0.2	6.1	5.3	3.4
	1BD	0.6	0.0	2.6	9.5	2.0	4.3	4.3	3.3	0.2	7.0	7.0	3.2
	1BE	0.7	0.0	3.4	9.2	2.5	4.1	4.0	3.9	0.2	5.9	5.2	3.2
	1BG	0.7	0.0	3.1	9.0	3.0	4.1	3.4	3.7	0.2	6.1	5.7	2.9
	1BH	0.8	0.0	3.1	9.1	3.3	4.0	3.2	3.6	0.4	6.6	6.3	3.1
	1CA	0.5	0.0	2.1	10.7	1.1	4.9	5.0	3.2	0.1	7.6	8.2	4.3
	1CB	0.6	0.0	2.2	11.2	1.1	5.3	4.8	3.2	0.1	7.7	8.3	4.3
	1CC	0.9	0.0	2.5	12.8	1.1	5.3	4.9	3.3	0.2	7.8	9.0	5.0
	1CD	1.3	0.0	2.8	11.3	2.3	5.4	4.3	4.0	0.3	7.4	7.5	3.1
	1CE	1.0	0.0	2.9	9.3	3.0	4.6	2.9	3.4	0.3	6.8	6.3	2.2
	1DA	1.6	0.0	3.6	11.0	4.0	5.4	3.2	4.9	0.7	7.7	6.8	3.3
	1DB	1.1	0.0	3.5	9.9	3.9	4.3	3.5	4.0	0.8	7.5	7.3	4.0
	1DC	1.6	0.0	3.9	11.1	4.6	5.0	3.5	5.0	1.1	8.2	7.9	5.4
	1DD	1.5	0.0	4.0	11.1	4.9	5.0	3.6	5.0	1.5	8.9	8.5	6.7
	1EA	2.1	0.0	3.7	12.3	4.1	6.2	3.4	5.9	0.5	7.5	6.7	4.5
	1EB	1.9	0.0	3.9	11.6	4.9	5.9	3.0	6.2	0.7	7.2	6.6	6.2
	1EC	2.1	0.0	4.0	12.4	4.5	6.3	3.4	6.2	0.8	8.0	6.8	4.5
	1ED	1.7	0.0	4.0	11.4	4.8	5.7	3.0	5.4	1.2	8.3	8.2	7.3
	1EE	1.6	0.1	3.7	10.3	4.2	5.4	2.6	4.3	1.6	9.1	10.0	8.5
	1EF	1.6	0.1	3.4	9.7	3.8	5.1	2.7	3.8	1.7	9.7	10.3	8.8
	1EG	1.9	0.0	3.7	9.9	4.2	5.4	2.2	4.3	1.0	7.4	9.1	9.3
	1FA	1.2	0.0	2.8	13.8	1.4	5.1	4.8	3.4	0.4	7.7	9.5	5.4
	1FB	1.9	0.0	3.2	12.8	2.6	5.7	4.7	4.4	0.4	7.8	8.7	4.7
	1FC	2.1	0.0	3.4	13.3	2.8	5.5	4.7	4.3	0.5	8.1	9.5	5.6
	1FD	2.0	0.0	3.4	13.9	2.4	4.8	4.8	3.5	0.5	7.8	10.3	6.2
	1FE	2.2	0.0	3.7	11.5	4.4	5.5	3.1	5.1	0.6	7.0	7.6	8.4
	1FF	2.2	0.0	3.6	9.6	4.6	4.6	2.2	4.2	0.5	6.4	7.2	11.4
	1FG	2.0	0.1	3.2	8.5	3.4	4.8	2.4	3.3	1.0	7.2	10.0	10.2
LVSCA	1GA	1.4	0.0	2.8	11.7	2.1	4.0	4.2	3.0	0.5	6.0	9.2	5.3
	1GB	2.0	0.0	3.4	11.5	3.1	4.1	4.0	3.1	0.7	6.6	10.8	8.0
	1GC	1.2	0.0	2.0	8.5	2.0	3.5	4.3	2.9	0.5	4.6	9.1	5.0
	1GD	1.8	0.1	2.8	8.5	3.5	2.8	3.2	2.6	0.7	5.1	10.5	8.3
	1GE	1.8	0.1	2.3	8.5	3.4	2.6	3.3	2.7	0.7	5.1	11.1	8.8
	1GF	2.0	0.2	2.3	8.1	4.3	2.3	2.7	3.1	0.7	4.9	9.4	11.1
	1GG	1.4	0.0	2.5	8.7	2.3	3.4	4.0	2.8	0.5	5.1	9.3	4.9
	1HA1	2.2	0.1	3.3	9.3	4.6	3.4	2.4	3.2	0.5	5.9	8.1	12.5
	1HA2	2.1	0.1	2.9	8.8	4.3	2.8	2.4	2.7	0.6	5.3	8.9	12.2
	1HB1	2.2	0.1	3.2	8.2	3.8	4.2	2.1	3.0	0.6	6.4	8.9	11.5
	1HB2	2.3	0.1	3.5	8.3	4.8	3.4	1.7	3.0	0.4	5.8	7.1	14.2
	1HC	2.3	0.2	2.7	7.9	3.3	4.1	2.2	2.6	0.6	7.0	9.5	10.3
	1HD	2.6	0.3	2.8	8.5	5.4	2.7	2.8	4.8	0.8	5.4	8.8	11.7
	1HE	3.0	0.4	2.7	9.0	5.6	2.6	2.6	5.1	0.7	6.2	8.5	11.5
	1HF	2.8	0.5	1.7	8.9	4.2	1.9	1.9	2.9	0.3	7.4	7.4	9.4
	1HG	2.4	0.4	2.0	8.8	3.5	2.1	2.0	2.9	0.3	7.0	8.2	9.7
	1JA	1.8	0.1	2.1	9.1	2.7	3.7	5.1	3.4	1.7	5.2	10.2	5.7
	1JB	2.0	0.1	2.2	8.9	3.2	3.6	5.2	3.4	2.1	5.9	11.9	6.8
	1JC	1.6	0.0	2.3	9.2	2.6	3.7	4.9	3.1	1.0	5.7	11.5	6.4
	1JD	1.8	0.1	2.3	9.1	3.5	3.4	4.5	3.5	1.0	5.8	12.1	8.0
	1JE	2.9	0.6	2.3	9.4	5.9	3.1	4.2	5.3	3.2	4.5	11.1	9.6
	1JF	2.2	0.2	2.3	9.1	4.3	3.6	5.0	4.6	2.3	5.3	10.7	7.6
	1JG1	2.0	0.2	2.3	8.6	4.6	3.0	3.8	4.5	1.0	5.3	10.8	9.6
	1JG2	2.4	0.2	2.8	8.1	5.3	2.4	2.5	4.3	0.7	5.0	8.3	12.4
	1KA	3.2	0.6	2.6	9.6	5.7	2.4	2.4	5.5	0.7	5.7	9.0	11.6
	1KB	2.8	0.7	2.2	9.5	4.9	2.0	2.0	4.2	0.7	4.9	8.9	11.8
	1KC	2.9	0.9	2.0	9.8	5.5	2.2	1.6	4.4	1.1	2.8	9.6	12.7
	1LA1	2.4	0.2	2.0	9.9	3.6	3.7	5.1	4.0	3.2	4.7	10.1	6.9
	1LA2	2.8	0.8	1.7	9.8	5.6	2.7	1.8	4.4	1.7	2.1	8.9	10.8
	1LA3	2.1	0.5	1.5	11.1	4.4	1.9	1.3	2.5	1.0	2.1	9.8	8.8
	1LB1	2.3	0.3	1.8	9.8	4.1	3.0	4.2	3.5	2.9	3.6	9.5	6.8
	1LB2	2.3	0.5	1.5	10.4	4.9	2.3	1.6	2.8	1.5	1.6	9.5	8.7

Monthly Rainfall by Sub-basin

Year 2037 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.3	4.6	0.1	0.3	0.5	0.4	0.1	1.9	5.8	1.5
	2AB	0.0	0.0	0.2	4.2	0.3	0.4	0.7	0.7	0.0	1.9	4.2	0.9
	2BA	1.0	0.0	3.3	10.3	1.4	3.9	5.1	3.6	0.2	6.2	5.5	3.1
	2BB	0.6	0.0	2.1	9.4	1.3	3.2	4.0	3.2	0.1	6.1	6.2	2.9
	2BC	0.5	0.0	2.5	8.9	1.5	3.2	3.7	2.7	0.1	5.7	5.5	2.7
	2BD	0.0	0.0	0.4	6.3	0.8	1.0	0.9	1.5	0.0	3.5	5.9	1.6
	2CA	0.0	0.0	0.2	5.8	0.6	0.6	0.7	0.8	0.0	3.0	6.0	1.3
	2CB	0.2	0.0	1.8	12.7	1.2	5.2	6.3	3.7	0.2	7.0	10.8	5.4
	2CC	0.2	0.0	1.1	8.0	1.0	1.9	2.4	2.0	0.1	4.6	7.1	2.7
	2D	0.1	0.0	1.0	7.8	0.7	1.9	3.0	2.3	0.2	4.4	8.7	2.8
	2EA	0.3	0.0	1.0	10.2	2.8	3.0	4.0	3.1	0.5	5.6	7.9	3.4
	2EB	0.3	0.0	1.2	11.0	2.6	3.3	4.4	3.2	0.4	5.0	8.5	3.4
	2EC	0.5	0.0	1.0	9.4	2.3	3.1	4.2	3.4	0.6	5.3	7.8	4.0
	2ED	0.6	0.0	1.6	11.2	1.2	4.2	4.4	3.2	0.5	4.7	8.4	4.9
	2EE	0.4	0.0	1.4	13.5	1.1	4.9	5.9	3.6	0.3	5.4	10.1	4.5
	2EF	0.5	0.0	1.2	10.8	1.4	3.9	4.5	3.3	0.4	4.5	8.1	4.4
	2EG1	0.7	0.0	1.4	9.6	2.0	3.7	4.8	3.5	0.4	4.5	7.8	4.6
	2EG2	0.4	0.0	1.2	11.6	1.6	3.9	5.1	3.5	0.4	4.9	8.9	3.9
	2EH	0.2	0.0	1.6	13.1	1.5	5.0	6.9	4.0	0.2	5.4	11.5	4.6
	2EJ	0.1	0.0	0.9	10.0	1.0	2.7	3.7	2.8	0.2	4.9	8.4	2.2
	2EK	0.2	0.0	1.1	11.6	1.5	3.3	4.3	3.1	0.3	4.8	8.7	2.8
	2FA	0.5	0.0	0.8	9.0	1.7	2.1	2.2	2.8	0.9	4.5	8.0	3.7
	2FB	0.4	0.0	0.8	9.0	2.3	2.7	3.6	3.2	0.9	5.9	7.9	3.6
	2FC	0.6	0.0	0.9	8.8	1.8	2.4	3.3	3.3	1.0	4.7	7.9	3.6
	2GA	0.5	0.0	1.0	9.3	1.5	2.0	2.0	2.5	0.7	4.6	7.4	4.0
	2GB	0.5	0.0	1.1	9.9	2.0	2.4	2.2	2.7	0.7	5.1	7.8	4.3
	2GC	0.8	0.1	1.9	11.8	2.7	2.8	2.1	2.9	0.9	7.4	9.1	5.6
	2GD	0.7	0.0	1.5	10.2	2.2	1.9	1.7	2.5	0.7	5.5	8.3	4.7
	2H-1	0.7	0.1	1.3	12.0	3.5	1.0	0.7	1.4	0.2	5.4	10.6	6.3
	2H-2	0.3	0.0	0.8	13.0	3.2	0.4	0.2	1.1	0.0	5.8	10.6	6.8
	2H-3	0.2	0.0	0.8	10.6	2.8	0.3	0.2	1.1	0.0	5.1	9.7	6.6
	2J	0.0	0.0	0.2	4.6	0.5	0.5	0.6	0.9	0.0	2.2	4.6	1.1
	2KA	1.6	0.2	1.6	10.1	3.4	1.8	2.2	2.2	1.3	2.8	9.7	5.5
	2KB	1.2	0.1	1.5	11.9	3.5	0.8	0.6	1.3	0.2	3.6	11.1	6.5
	2KC	1.0	0.1	1.3	12.1	3.7	0.8	0.2	1.3	0.1	4.0	10.5	6.6
ACA	3AA	0.1	0.0	0.7	14.3	3.3	0.4	0.2	0.9	0.0	6.1	11.4	6.7
	3AB	0.1	0.0	0.8	10.6	2.6	0.1	0.1	0.9	0.0	5.3	9.5	6.7
	3AC	0.1	0.0	1.3	12.4	2.9	0.3	0.2	0.8	0.0	5.7	13.4	7.7
	3BA	0.2	0.0	1.1	15.1	3.7	0.9	0.5	1.0	0.1	7.2	13.5	7.4
	3BB	0.3	0.0	1.7	16.7	3.8	1.5	0.8	1.2	0.1	8.1	13.9	7.8
	3BC	0.5	0.0	2.0	16.6	4.3	2.0	1.3	1.5	0.3	9.2	14.2	8.1
	3BD	0.5	0.0	2.0	16.7	4.0	2.0	1.2	1.5	0.2	8.9	13.9	8.0
	3CB	0.4	0.0	2.1	16.6	4.0	1.7	1.0	1.6	0.2	8.8	14.5	8.2
	3DA	0.2	0.0	1.4	12.0	3.3	0.2	0.1	0.5	0.0	5.4	15.2	8.8
	3DB	0.2	0.0	0.8	9.7	2.2	0.1	0.1	0.0	0.0	4.7	13.6	9.2
	3EA	0.2	0.0	1.2	9.5	2.3	0.1	0.1	0.2	0.0	4.3	12.7	7.9
	3EB	0.2	0.0	0.8	8.4	2.1	0.1	0.1	0.1	0.0	4.5	13.0	7.7
	3EC	0.2	0.0	0.8	7.1	1.6	0.1	0.1	0.2	0.0	4.5	11.8	7.0
	3ED	0.3	0.0	0.5	8.2	1.7	0.1	0.1	0.0	0.0	4.7	12.7	8.5
	3FA	0.2	0.0	0.8	6.8	1.5	0.1	0.0	0.3	0.0	3.5	10.1	7.9
	3FB	0.1	0.0	0.9	6.3	1.7	0.2	0.1	0.0	0.0	2.8	10.1	9.9
	3G	0.0	0.1	1.9	5.0	2.7	0.7	0.2	0.0	0.0	3.9	8.1	7.2
	3HA	0.0	0.0	2.2	5.3	3.2	0.4	0.4	0.1	0.1	8.2	8.9	9.4
	3HB	0.1	0.0	2.0	6.7	4.3	1.8	1.5	0.5	0.6	10.9	8.9	9.2
	3HC	0.1	0.0	1.8	8.1	5.5	4.5	3.3	0.9	1.2	13.2	8.4	10.1
	3HD1	0.0	0.0	1.3	9.4	8.3	5.3	4.2	1.1	1.7	16.7	10.4	9.1
	3HD2	0.1	0.0	1.7	8.2	6.1	5.2	3.8	0.8	1.5	13.8	8.9	10.3
	3J	0.0	0.1	2.7	5.6	3.9	1.1	0.3	0.0	0.1	5.6	9.5	6.9
	3K	0.1	0.1	0.7	9.1	6.8	3.1	1.0	1.5	0.6	17.0	11.1	7.8
	3LA	0.0	0.0	1.7	7.7	5.7	2.5	1.5	0.9	0.7	13.4	9.7	8.6
	3LB	0.0	0.0	1.1	9.9	9.1	5.5	4.3	1.3	1.8	18.2	11.0	8.5
	3MA-1	0.1	0.0	2.7	6.9	4.0	1.1	0.4	0.1	0.2	9.8	10.7	9.1
	3MA-2	0.1	0.0	1.2	8.0	5.1	2.1	0.6	0.9	0.4	13.5	10.8	8.0
	3MB	0.1	0.1	0.6	9.3	7.3	3.4	1.2	1.7	0.7	17.6	10.4	8.2
	3MC	0.1	0.1	0.6	9.4	7.3	3.3	1.0	1.6	0.7	17.9	11.1	8.0
	3MD1	0.0	0.1	0.6	10.9	9.5	5.0	2.3	2.3	1.1	21.2	10.7	7.8
	3MD2	0.0	0.1	0.5	10.2	9.2	3.9	1.3	2.0	0.9	21.4	10.8	9.4
	3N	0.1	0.0	1.0	5.9	1.7	0.2	0.0	0.4	0.0	2.7	7.2	6.2

Monthly Rainfall by Sub-basin

Year 2037 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.0	0.5	2.1	12.2	2.8	1.5	1.0	0.5	0.3	13.5	14.0	6.4
	4AB	1.1	0.6	2.1	11.5	3.4	2.1	1.6	1.2	0.5	11.9	12.1	6.0
	4AC	1.2	0.6	2.6	14.4	4.1	2.4	1.7	1.4	0.5	12.2	12.3	6.4
	4AD	1.2	0.5	2.8	15.2	4.6	2.9	2.0	1.8	0.7	12.3	13.0	6.9
	4BA	0.9	0.4	2.9	15.9	3.6	1.7	0.9	0.4	0.4	12.0	13.5	6.4
	4BB	1.0	0.4	2.3	13.6	2.7	1.3	0.7	0.3	0.3	13.3	14.4	6.3
	4BC	0.6	0.2	2.8	15.2	2.7	1.1	0.5	0.3	0.3	11.2	13.2	6.0
	4BD	1.0	0.3	3.2	17.1	5.1	2.9	1.9	1.6	0.6	12.0	13.5	7.4
	4BE	0.8	0.1	3.2	17.8	4.8	2.5	1.5	1.4	0.5	11.0	13.7	7.8
	4BF	0.3	0.0	2.7	16.4	3.4	1.1	0.5	1.0	0.2	8.4	14.0	7.4
	4BG	0.2	0.0	2.5	14.3	2.5	0.5	0.1	0.6	0.1	6.8	13.5	7.6
	4CA	0.9	0.0	2.9	17.0	5.4	3.5	2.3	2.5	0.7	11.2	13.9	8.3
	4CB	0.8	0.0	3.0	18.7	5.6	3.1	2.0	2.1	0.5	11.7	15.1	8.8
	4CC	0.2	0.0	2.1	14.2	3.1	0.4	0.2	0.8	0.1	6.7	15.0	8.2
	4DA	0.5	0.1	2.7	14.9	2.4	0.9	0.5	0.3	0.2	10.6	13.4	6.9
	4DB	0.4	0.1	3.1	16.5	2.8	1.0	0.5	0.3	0.2	13.0	15.2	7.6
	4DC	0.4	0.1	3.4	17.8	3.2	1.0	0.5	0.3	0.1	14.6	16.3	8.2
	4DD	0.1	0.0	2.2	14.8	1.9	0.4	0.2	0.2	0.1	10.4	14.1	9.0
	4DE	0.1	0.0	1.5	12.7	2.0	0.2	0.1	0.2	0.0	5.9	14.7	9.4
	4EA	0.3	0.0	3.8	21.0	4.0	0.8	0.2	0.2	0.1	17.8	23.6	12.4
	4EB	0.3	0.0	3.9	21.3	3.8	1.0	0.4	0.2	0.1	17.1	21.8	12.3
	4EC	0.1	0.0	2.9	18.2	2.7	0.7	0.3	0.2	0.1	13.4	18.2	11.0
	4ED	0.1	0.0	1.3	13.0	1.3	0.2	0.1	0.1	0.0	7.6	17.0	11.7
	4FA	0.3	0.0	3.4	20.1	3.9	0.5	0.1	0.1	0.1	16.9	24.0	11.8
	4FB	0.2	0.0	2.8	18.3	3.4	0.2	0.1	0.1	0.1	14.4	25.0	12.1
	4GA	0.1	0.0	2.7	14.5	2.6	0.1	0.1	0.0	0.1	11.2	26.6	11.4
	4GB	0.0	0.0	2.7	11.4	1.7	0.2	0.0	0.0	0.0	8.7	22.7	10.9
	4GC	0.1	0.0	3.2	4.8	0.3	0.8	0.1	0.0	0.1	5.6	14.5	8.5
	4GD	0.2	0.0	2.6	6.4	0.7	1.0	0.3	0.0	0.2	6.9	13.8	9.2
	4GE	0.3	0.0	1.6	8.7	1.0	0.9	0.3	0.0	0.2	6.4	14.0	10.5
	4GF	0.6	0.0	1.2	8.5	1.8	2.2	0.9	0.1	0.4	7.1	10.6	9.6
	4GG	0.3	0.0	1.6	6.4	4.4	6.5	3.1	0.5	1.1	13.0	8.8	9.9
	4HA	0.3	0.0	0.7	10.8	1.6	0.1	0.1	0.0	0.0	3.7	12.3	11.3
	4HB	0.5	0.0	1.0	9.0	2.1	1.7	0.9	0.2	0.4	6.5	9.5	10.6
	4HC	0.1	0.0	1.6	6.6	3.1	1.4	1.3	0.2	0.5	8.4	8.7	9.8
	4JA	0.3	0.0	2.5	3.8	2.6	4.8	0.5	0.1	0.4	7.1	11.2	10.0
	4JB	0.3	0.0	1.3	2.7	6.7	13.5	2.3	0.4	1.0	10.4	9.6	15.2
	4KA	0.3	0.0	1.7	3.1	5.4	10.6	1.7	0.3	0.8	9.5	9.4	13.4
	4KB	0.4	0.0	1.6	3.9	4.7	8.9	2.0	0.3	0.8	10.1	9.1	11.6
ENNCA	5AA	0.1	0.0	1.1	10.1	3.1	2.6	3.2	2.7	0.4	4.7	9.0	4.0
	5AB	0.1	0.0	1.0	9.6	2.8	2.4	2.8	2.7	0.4	4.4	9.8	4.6
	5AC	0.0	0.0	0.8	10.3	1.5	2.2	2.4	1.8	0.4	4.9	9.3	3.1
	5AD	0.0	0.0	0.9	8.8	2.0	2.1	2.3	2.1	0.5	4.5	10.0	4.2
	5BA	0.9	0.5	1.5	8.2	2.7	1.8	1.7	1.4	0.6	10.5	11.2	5.6
	5BB	0.7	0.4	1.5	8.5	2.7	2.0	1.9	2.0	0.6	8.4	10.4	5.4
	5BC-1	0.4	0.3	1.4	8.3	2.4	1.9	2.0	1.8	0.6	7.9	10.4	5.3
	5BC-2	0.0	0.0	1.0	8.1	1.7	2.0	2.2	1.8	0.6	5.2	9.3	3.8
	5BD	0.1	0.0	1.0	8.4	2.5	2.2	2.5	2.6	0.5	4.6	9.8	4.9
	5BE	0.3	0.1	1.9	9.4	2.2	1.6	1.5	1.3	0.6	9.2	12.5	6.2
	5CA	0.1	0.0	0.7	8.4	0.8	1.9	2.9	2.1	0.2	4.9	8.2	1.8
	5CB	0.0	0.0	0.8	7.7	0.7	1.3	2.3	1.5	0.2	4.3	8.6	2.4
	5CC	0.0	0.0	0.9	6.9	0.4	1.0	1.9	1.4	0.2	4.2	8.9	2.7
	5DA	0.3	0.0	2.8	14.5	3.0	0.6	0.3	0.4	0.2	11.5	17.3	8.5
	5DB	0.2	0.0	1.9	9.5	2.2	1.4	1.3	0.9	0.4	7.9	12.2	5.8
	5DC	0.0	0.0	0.7	8.4	1.4	2.1	2.2	1.3	0.3	4.7	9.1	2.8
	5DD	0.0	0.0	1.1	8.7	1.2	1.5	2.0	1.2	0.2	5.5	9.7	3.3
	5EA	0.0	0.0	2.2	5.9	0.5	0.2	0.1	0.0	0.1	11.8	13.9	5.1
	5EB	0.0	0.0	1.9	7.2	0.5	0.3	0.1	0.0	0.2	12.9	14.4	4.7
	5EC	0.0	0.0	1.7	8.9	0.5	0.3	0.4	0.3	0.2	10.3	16.0	5.3
	5ED	0.1	0.0	2.7	12.0	1.9	0.1	0.1	0.1	0.1	10.4	22.3	8.5
	5FA	0.1	0.0	2.8	6.6	0.8	0.5	0.0	0.0	0.1	7.5	18.0	8.0
	5FB	0.0	0.0	2.7	4.8	0.3	0.3	0.0	0.0	0.0	8.4	15.6	6.7
	5G	0.0	0.0	1.6	7.0	0.5	0.4	0.1	0.0	0.2	14.9	10.4	3.7
	5HA	0.0	0.0	1.0	6.4	0.3	0.4	0.1	0.0	0.2	16.4	7.1	3.2
	5HB	0.0	0.0	1.3	7.9	0.4	0.4	0.1	0.0	0.2	15.8	6.6	2.7
	5J	0.0	0.0	0.8	6.8	0.2	0.2	0.3	0.2	0.2	6.6	9.5	2.9

Monthly Rainfall by Sub-basin

Year 2038 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	6.6	3.5	1.9	8.4	6.1	5.5	5.1	4.8	4.7	8.7	4.3	0.7
	1AB	6.4	4.0	2.1	7.5	5.6	5.7	5.6	5.2	4.6	8.7	4.1	0.5
	1AC	6.2	3.8	1.7	8.2	6.4	6.8	6.0	5.5	4.8	9.0	3.7	0.5
	1AD	7.3	3.7	2.1	9.4	7.2	6.0	4.7	4.1	5.3	8.5	4.3	0.9
	1AE	7.4	3.2	2.4	9.8	7.3	4.6	2.8	2.7	5.3	7.3	4.6	1.1
	1AF	7.2	3.8	2.4	9.5	6.8	6.2	5.0	4.1	5.5	8.4	4.4	0.8
	1AG	7.4	3.6	2.6	9.9	6.8	5.8	4.8	3.9	5.7	8.3	4.6	1.0
	1AH	7.5	2.8	2.3	10.3	6.7	4.2	2.9	3.0	5.3	7.0	4.4	1.1
	1BA	9.1	2.5	1.3	4.7	5.7	3.7	5.2	3.0	2.4	5.3	3.0	0.4
	1BB	8.4	3.5	2.1	4.9	5.9	3.9	6.7	3.4	3.3	6.1	3.0	0.5
	1BC	7.6	4.1	1.9	4.9	6.8	4.0	7.9	4.0	3.8	7.0	3.5	0.5
	1BD	7.3	3.3	1.9	6.1	5.4	4.4	5.7	5.2	3.5	6.3	3.2	0.4
	1BE	6.9	4.5	2.8	5.7	5.9	4.1	6.1	4.4	4.1	7.4	4.1	0.5
	1BG	6.5	3.9	2.4	6.2	5.8	4.1	5.1	5.2	4.5	7.7	4.1	0.4
	1BH	6.1	3.6	2.0	6.6	5.9	4.6	5.1	5.8	4.5	8.1	3.9	0.5
	1CA	8.3	3.0	0.9	6.0	5.8	4.6	6.1	5.2	2.8	5.3	2.8	0.2
	1CB	8.1	3.4	0.7	5.7	6.0	4.7	6.3	6.0	2.9	5.5	2.6	0.1
	1CC	8.4	4.1	0.8	4.7	6.1	4.5	6.3	5.5	2.9	5.0	3.4	0.1
	1CD	6.8	3.1	1.0	6.1	7.3	5.8	6.9	6.6	3.9	6.1	2.6	0.2
	1CE	5.0	2.2	0.9	6.8	7.5	5.1	5.6	7.0	4.0	7.8	2.6	0.4
	1DA	5.5	2.8	1.3	7.2	8.5	6.3	5.6	6.3	4.8	8.5	2.8	0.4
	1DB	6.1	3.7	1.9	7.2	6.2	5.8	5.7	5.7	4.6	8.6	3.7	0.4
	1DC	6.5	3.6	2.1	8.5	7.2	6.7	5.9	5.3	5.3	8.7	3.7	0.5
	1DD	7.0	3.8	2.5	9.1	6.9	6.7	5.8	4.7	5.5	8.7	4.2	0.7
	1EA	6.5	3.3	2.2	6.9	9.6	6.2	5.2	5.2	5.6	7.7	3.4	0.4
	1EB	6.9	3.2	3.1	8.7	8.9	6.1	5.0	4.0	6.3	8.2	4.0	0.6
	1EC	6.6	3.2	2.1	7.9	9.3	6.7	5.4	5.3	5.8	8.4	3.2	0.5
	1ED	7.4	3.1	2.6	9.8	7.7	5.6	4.8	4.2	6.2	8.0	4.4	1.0
	1EE	7.7	2.4	2.3	10.9	6.7	4.1	3.4	3.7	5.7	6.9	4.6	1.4
	1EF	7.3	2.4	2.3	10.6	6.2	3.8	2.8	3.1	5.0	6.4	4.1	1.1
	1EG	7.5	2.1	2.6	10.7	6.7	3.9	3.1	3.3	5.4	6.5	4.2	1.3
	1FA	8.5	4.5	0.9	3.8	6.6	4.7	6.4	5.1	3.0	5.0	4.2	0.1
	1FB	7.4	4.0	1.9	5.3	7.7	5.6	6.5	5.6	4.5	5.4	3.8	0.2
	1FC	7.5	4.2	2.2	4.6	7.8	5.2	6.0	5.1	4.5	5.2	4.6	0.3
	1FD	7.6	4.3	1.9	3.9	7.0	4.7	6.2	4.8	3.8	4.6	4.8	0.3
	1FE	7.1	3.4	3.2	7.3	8.3	5.3	4.0	3.6	5.4	6.8	3.8	0.6
	1FF	7.1	2.8	3.4	8.8	6.5	4.7	2.7	2.3	4.6	6.7	3.2	0.8
	1FG	6.9	1.8	2.7	10.6	5.4	3.1	2.0	2.3	3.8	5.4	3.2	0.9
LVSCA	1GA	7.1	4.1	1.4	5.1	6.1	5.1	5.9	4.6	3.2	5.4	3.3	0.2
	1GB	6.9	3.8	2.8	5.5	6.2	4.0	3.9	4.0	3.9	5.2	3.4	0.3
	1GC	6.5	4.1	1.4	6.6	6.1	4.9	5.7	6.7	3.9	6.5	2.6	0.2
	1GD	6.2	3.7	2.9	7.4	5.1	3.9	2.4	3.1	3.5	6.7	1.8	0.3
	1GE	6.8	3.9	2.7	7.8	5.3	3.8	2.7	3.4	3.6	7.3	2.0	0.3
	1GF	6.9	3.5	2.9	7.7	4.7	3.4	2.1	2.9	3.2	6.5	1.8	0.5
	1GG	6.3	4.1	1.6	6.6	5.8	5.3	5.3	5.2	3.7	6.8	2.5	0.2
	1HA1	6.9	3.5	3.5	7.1	5.4	4.1	2.1	2.3	3.6	5.9	2.6	0.5
	1HA2	6.6	3.6	3.3	7.1	4.6	3.3	1.6	2.5	3.1	5.7	1.9	0.4
	1HB1	6.8	1.9	3.0	10.0	4.9	3.4	1.8	1.9	3.5	5.3	2.8	0.8
	1HB2	7.1	2.7	3.6	8.7	4.8	4.3	1.5	1.3	3.1	6.4	2.1	0.6
	1HC	6.2	1.4	2.6	10.0	4.6	2.9	1.6	1.8	3.3	4.4	2.8	0.9
	1HD	6.7	2.8	3.6	7.9	5.9	4.9	2.6	3.3	4.1	6.4	2.6	1.5
	1HE	6.3	2.4	3.8	7.9	5.9	5.6	2.4	3.2	4.7	5.5	2.8	1.9
	1HF	5.4	1.3	2.5	7.1	4.5	4.2	1.3	1.7	4.1	3.3	2.5	1.4
	1HG	5.9	1.3	2.3	7.3	4.4	4.1	1.0	1.6	3.4	3.1	2.5	1.3
	1JA	7.6	3.9	2.0	7.1	6.7	5.0	5.0	5.4	4.1	7.6	2.7	0.4
	1JB	8.0	3.6	2.2	8.2	7.1	5.4	5.2	4.4	4.3	8.7	2.9	0.5
	1JC	7.8	4.1	2.1	7.9	6.9	5.6	5.2	5.2	4.3	8.6	2.9	0.4
	1JD	7.9	3.6	2.5	8.1	6.9	5.1	4.5	3.9	4.2	8.5	2.7	0.5
	1JE	7.6	3.8	3.4	8.8	7.3	5.2	4.0	3.6	4.7	8.0	3.3	2.0
	1JF	7.8	3.0	2.6	7.7	7.3	4.8	4.6	4.1	4.2	8.1	3.0	1.1
	1JG1	7.5	3.1	3.0	7.8	6.4	4.5	3.8	3.8	4.1	7.4	2.5	1.0
	1JG2	6.9	3.0	3.5	7.7	5.2	4.3	2.2	2.8	3.5	6.3	2.0	1.0
	1KA	6.6	2.9	3.9	8.0	6.4	6.0	2.4	3.5	5.2	5.3	3.2	2.4
	1KB	7.1	3.1	3.3	7.8	6.0	5.2	1.7	2.3	4.1	4.6	2.7	1.9
	1KC	7.4	5.1	3.5	8.7	6.9	4.9	1.5	2.2	4.1	5.3	2.6	2.1
	1LA1	7.9	4.1	2.3	7.1	6.9	4.5	4.1	4.7	4.0	7.1	2.8	0.7
	1LA2	6.7	4.9	3.2	7.5	7.3	4.0	1.6	2.0	3.8	4.9	2.3	1.6
	1LA3	6.5	5.8	2.8	5.7	6.1	2.4	1.1	1.4	2.6	3.0	1.9	1.3
	1LB1	7.5	4.5	2.1	6.3	6.6	3.5	2.7	3.4	3.2	5.5	2.5	0.8
	1LB2	6.4	5.7	2.6	6.1	6.3	2.6	1.4	1.9	2.9	4.2	2.1	1.3

Monthly Rainfall by Sub-basin

Year 2038 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	1.7	0.3	0.3	0.6	2.2	1.3	0.2	0.6	0.0	0.2	0.7	0.4
	2AB	1.4	0.3	0.1	0.4	1.6	1.6	0.2	0.9	0.0	0.8	0.3	0.3
	2BA	7.4	3.5	1.3	4.4	6.5	3.9	7.5	3.8	3.0	6.2	3.1	0.5
	2BB	5.9	2.1	0.5	3.0	5.0	3.0	4.7	3.1	2.0	6.1	2.7	0.4
	2BC	6.0	2.8	1.0	3.4	5.3	3.4	4.8	3.3	2.6	6.4	3.4	0.4
	2BD	2.5	0.7	0.2	1.1	2.6	1.7	0.9	1.4	0.4	3.2	1.4	0.2
	2CA	2.0	0.5	0.2	0.7	2.1	1.5	0.6	1.2	0.2	1.2	1.1	0.4
	2CB	8.7	3.4	0.7	4.8	6.9	3.4	5.2	4.2	1.9	5.2	3.0	0.4
	2CC	4.3	1.2	0.5	1.8	4.0	2.0	2.6	2.1	0.8	3.0	1.9	0.5
	2D	4.8	0.9	1.2	1.9	4.9	1.4	2.5	2.7	0.7	2.6	1.8	0.6
	2EA	6.1	3.1	1.4	3.5	6.6	3.3	3.3	3.8	3.6	3.5	2.9	0.2
	2EB	6.6	3.1	1.4	3.3	6.8	3.2	4.0	4.1	3.1	3.9	2.2	0.2
	2EC	6.1	3.2	1.6	4.2	6.2	3.1	2.7	4.2	3.6	3.7	3.1	0.2
	2ED	6.8	4.3	0.7	4.6	6.0	4.3	6.7	6.2	3.0	5.2	2.8	0.1
	2EE	6.4	3.4	0.8	4.4	5.9	2.6	6.1	4.6	1.7	5.1	1.9	0.3
	2EF	5.9	3.7	0.9	4.6	5.7	3.4	5.9	5.9	3.0	5.0	2.2	0.2
	2EG1	6.9	3.9	1.6	4.7	5.9	3.6	3.9	6.3	3.7	4.6	2.8	0.1
	2EG2	5.9	3.1	1.2	4.0	5.9	2.8	5.0	4.7	2.5	4.4	2.0	0.2
	2EH	7.6	2.7	1.0	4.4	7.3	3.1	5.9	4.8	1.4	4.5	2.3	0.4
	2EJ	5.7	1.1	1.8	2.8	6.4	1.9	3.0	3.8	1.2	3.0	1.9	0.1
	2EK	6.3	2.2	1.6	3.1	6.6	2.5	3.9	4.0	1.9	3.7	2.0	0.2
	2FA	6.1	3.8	1.6	4.6	7.3	2.9	2.1	2.1	3.6	2.6	3.0	0.6
	2FB	5.8	3.0	1.7	4.1	6.7	3.3	2.2	3.3	3.7	2.9	3.9	0.3
	2FC	6.3	3.6	1.7	4.4	6.2	2.8	2.0	2.7	3.5	3.0	3.1	0.3
	2GA	6.3	3.9	1.5	4.3	7.1	2.9	1.8	2.0	3.1	2.2	2.8	0.7
	2GB	6.7	3.9	1.7	4.8	8.0	3.4	2.2	2.2	3.7	2.5	3.0	0.7
	2GC	7.9	6.1	2.5	7.2	8.8	4.2	1.7	1.5	3.9	2.2	3.7	0.9
	2GD	7.3	5.7	1.9	5.5	7.1	3.0	1.4	1.6	2.8	1.8	2.8	0.8
	2H-1	8.5	7.0	3.9	4.8	7.9	2.4	1.3	0.9	1.1	0.6	2.6	1.1
	2H-2	9.1	7.6	5.0	4.2	8.6	2.4	1.4	0.5	0.7	0.2	2.4	1.1
	2H-3	9.0	7.3	4.4	4.3	6.8	2.1	0.9	0.3	0.4	0.1	2.4	0.9
	2J	1.7	0.4	0.1	0.6	1.9	1.6	0.4	1.0	0.2	1.8	0.6	0.3
	2KA	7.0	5.4	1.6	4.7	5.6	2.2	1.1	1.9	1.9	2.3	1.7	0.5
	2KB	7.1	6.0	3.1	4.1	6.1	1.6	1.0	0.9	0.9	0.7	1.7	0.9
	2KC	7.5	6.6	3.6	4.0	6.5	1.8	1.0	0.7	0.9	0.6	1.7	0.9
ACA	3AA	10.2	7.8	5.8	4.4	10.4	2.7	1.9	0.6	0.8	0.2	2.5	1.4
	3AB	9.5	7.6	4.1	4.3	6.7	2.0	0.8	0.3	0.4	0.1	2.6	0.8
	3AC	12.0	7.8	4.7	5.6	8.4	2.1	1.2	0.3	0.4	0.2	3.4	1.0
	3BA	11.0	8.3	6.4	5.6	12.0	3.0	2.1	0.7	1.0	0.4	3.2	1.4
	3BB	10.7	9.1	6.6	6.5	12.5	3.1	1.9	0.8	1.3	0.6	4.0	1.2
	3BC	10.8	9.6	6.5	7.5	12.5	3.5	1.9	1.0	1.8	1.0	4.7	1.2
	3BD	10.5	9.5	6.1	7.3	12.1	3.5	1.7	0.9	1.6	0.9	4.6	1.0
	3CB	11.0	9.3	5.8	7.4	11.5	3.5	1.6	0.8	1.3	0.8	4.4	1.0
	3DA	14.8	6.7	3.5	6.1	6.4	1.4	0.8	0.2	0.2	0.1	3.7	1.1
	3DB	14.4	5.4	2.5	4.9	4.6	0.6	0.5	0.1	0.1	0.0	5.4	0.9
	3EA	13.4	7.1	3.1	5.4	5.5	1.1	0.8	0.1	0.1	0.1	4.0	0.9
	3EB	13.3	6.2	2.5	5.7	5.1	0.8	0.6	0.1	0.1	0.1	4.6	0.8
	3EC	11.3	5.7	2.4	5.9	4.8	0.7	0.5	0.1	0.1	0.1	4.7	0.6
	3ED	13.1	5.1	2.3	5.6	4.6	0.6	0.4	0.1	0.2	0.0	4.9	0.8
	3FA	10.7	6.0	2.5	5.3	4.6	0.8	0.3	0.1	0.1	0.0	3.8	0.7
	3FB	13.5	6.5	2.6	4.7	4.2	0.3	0.2	0.0	0.1	0.1	4.3	1.2
	3G	8.2	5.2	2.7	5.1	2.6	0.2	0.3	0.1	0.3	0.3	4.2	1.4
	3HA	7.8	6.3	3.7	4.8	2.4	0.3	0.5	0.1	0.6	0.6	4.8	1.4
	3HB	6.5	5.1	2.2	5.3	3.3	1.2	1.2	0.3	0.6	0.4	3.7	1.2
	3HC	4.6	3.9	0.4	7.1	4.5	3.5	1.8	0.6	0.7	0.2	3.0	0.9
	3HD1	6.0	4.0	0.4	8.9	6.1	4.1	2.0	0.7	0.8	0.3	2.1	0.9
	3HD2	5.0	3.4	0.8	8.8	5.0	4.6	1.8	0.7	0.7	0.3	3.3	0.8
	3J	7.8	6.0	3.9	5.9	2.7	0.3	0.6	0.1	0.5	0.7	4.0	2.1
	3K	7.3	4.9	1.7	7.4	7.2	3.2	2.6	0.3	1.7	1.3	4.0	1.2
	3LA	7.5	5.2	2.6	5.7	4.2	1.3	1.6	0.4	0.7	0.7	3.4	1.3
	3LB	7.2	4.2	0.8	9.6	7.0	4.5	2.6	0.8	0.8	0.4	1.9	0.7
	3MA-1	8.3	6.1	4.2	5.0	3.1	0.7	1.0	0.2	1.1	1.5	4.6	1.6
	3MA-2	7.8	5.5	3.1	6.1	5.3	1.8	1.6	0.2	1.3	1.4	3.7	1.4
	3MB	7.1	4.3	1.7	7.2	6.6	2.3	2.5	0.5	1.2	1.1	3.1	1.2
	3MC	7.1	4.8	1.7	7.4	7.6	3.2	2.5	0.3	1.7	1.2	3.7	1.2
	3MD1	8.4	4.1	1.8	9.6	7.5	2.0	3.6	0.8	1.1	1.3	3.2	0.9
	3MD2	7.6	4.0	1.3	8.3	7.0	3.1	3.0	0.5	1.6	1.3	4.6	0.8
	3N	8.4	5.5	2.3	4.9	3.8	0.8	0.3	0.1	0.1	0.0	3.2	0.8

Monthly Rainfall by Sub-basin

Year 2038 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	9.4	4.2	3.8	7.3	7.5	1.5	1.2	1.2	1.2	1.1	5.0	1.3
	4AB	9.0	5.4	3.2	6.4	8.2	2.3	1.5	1.2	1.8	1.4	3.9	1.2
	4AC	9.3	6.6	3.5	7.0	9.0	2.8	1.3	1.1	2.2	1.3	4.4	1.3
	4AD	10.0	7.5	3.8	8.3	9.6	3.4	1.4	1.2	2.9	1.7	4.9	1.3
	4BA	8.4	5.4	3.6	8.2	8.5	2.0	0.9	1.0	1.2	0.8	4.7	1.1
	4BB	8.8	4.2	3.9	8.0	7.9	1.5	0.9	1.0	1.1	0.7	5.2	1.3
	4BC	8.2	4.5	3.7	7.9	8.3	2.0	0.9	1.0	0.8	0.5	4.9	0.9
	4BD	10.0	8.0	4.0	9.4	10.0	3.6	1.4	1.3	2.6	1.7	5.6	1.2
	4BE	10.3	8.0	4.4	9.0	10.0	3.6	1.3	1.1	1.9	1.3	5.4	0.9
	4BF	10.3	6.8	4.4	7.5	9.3	3.0	1.1	0.6	0.7	0.5	3.9	0.7
	4BG	11.6	5.1	3.8	6.4	7.3	2.5	0.6	0.4	0.2	0.1	3.3	0.6
	4CA	10.6	10.2	5.0	9.6	11.4	4.5	1.7	1.4	3.1	2.0	6.0	1.1
	4CB	11.1	10.4	5.5	9.7	11.9	4.2	1.7	1.3	2.7	1.7	6.2	1.1
	4CC	12.6	6.5	4.3	6.6	7.9	2.3	0.8	0.4	0.4	0.2	3.4	0.9
	4DA	9.5	4.6	4.0	7.4	8.4	2.3	0.9	1.0	0.7	0.4	5.5	0.7
	4DB	10.4	5.3	4.7	8.5	10.1	2.7	1.2	1.3	0.8	0.6	7.1	0.8
	4DC	10.9	5.8	5.3	9.4	11.3	2.9	1.3	1.4	0.9	0.6	7.8	0.8
	4DD	10.6	5.3	4.4	7.8	9.7	2.7	0.8	0.7	0.4	0.2	6.5	0.6
	4DE	12.4	5.1	3.4	5.7	6.0	1.9	0.3	0.3	0.1	0.0	3.9	0.8
	4EA	17.2	6.5	5.6	11.1	11.5	2.8	0.6	1.1	0.8	1.5	9.9	1.2
	4EB	15.9	6.8	6.0	12.1	12.8	3.3	0.9	1.2	1.0	1.0	9.3	1.1
	4EC	13.0	6.2	5.4	10.1	11.5	2.9	0.9	1.0	0.7	0.5	8.1	0.8
	4ED	13.6	5.3	4.2	6.8	7.2	1.6	0.3	0.3	0.3	0.6	7.1	0.8
	4FA	16.6	6.0	5.0	9.8	9.7	2.1	0.4	1.0	0.5	1.7	10.1	1.3
	4FB	14.5	5.2	4.8	9.2	8.9	1.5	0.3	0.7	0.4	1.3	9.7	1.2
	4GA	11.2	3.8	4.5	6.3	7.0	0.9	0.2	0.5	0.2	0.9	7.0	1.0
	4GB	11.2	3.1	3.9	5.8	6.2	0.6	0.2	0.3	0.1	0.8	6.3	1.0
	4GC	10.4	1.2	2.7	3.2	3.1	0.3	0.4	0.0	0.0	0.5	3.2	1.3
	4GD	11.3	1.9	3.0	4.3	3.4	0.7	0.4	0.1	0.1	0.5	4.1	1.3
	4GE	13.3	2.8	3.5	4.7	3.7	0.9	0.3	0.1	0.1	0.5	4.6	1.4
	4GF	12.9	2.3	3.1	4.5	2.2	1.3	0.6	0.2	0.1	0.2	3.1	1.5
	4GG	10.0	1.7	1.8	7.4	1.9	3.5	1.4	0.5	0.3	0.5	2.6	1.2
	4HA	16.5	5.5	3.4	4.4	4.4	0.4	0.2	0.0	0.1	0.0	4.6	1.5
	4HB	13.9	3.8	2.9	4.7	2.9	1.2	0.6	0.2	0.2	0.1	2.7	1.7
	4HC	8.6	5.0	2.1	5.0	2.9	1.0	0.7	0.2	0.5	0.2	3.8	1.3
	4JA	8.8	2.7	2.7	3.3	1.7	1.1	0.5	0.2	0.1	0.4	2.2	1.2
	4JB	9.6	6.0	4.1	5.8	1.1	3.5	0.9	0.5	0.3	0.7	2.1	1.2
	4KA	9.3	5.0	3.6	5.0	1.1	2.8	0.8	0.4	0.3	0.6	2.0	1.3
	4KB	10.1	3.4	3.3	5.7	1.1	2.9	0.9	0.4	0.2	0.6	2.1	1.2
ENNCA	5AA	7.8	2.8	1.3	2.9	8.5	3.5	3.0	3.6	3.3	3.4	2.6	0.4
	5AB	8.0	2.3	1.3	3.1	9.1	3.1	2.9	3.0	2.9	3.1	2.6	0.5
	5AC	6.7	1.4	0.9	2.9	8.0	2.1	2.2	2.9	1.5	2.5	2.8	0.2
	5AD	7.4	1.3	1.0	2.9	8.4	2.2	2.7	2.6	1.6	2.5	2.6	0.4
	5BA	8.5	4.0	2.6	5.3	7.1	2.0	2.1	1.5	1.5	1.7	3.3	1.0
	5BB	8.1	3.8	2.3	4.6	8.0	2.5	2.4	1.7	2.0	2.0	2.8	0.9
	5BC-1	8.1	2.7	2.0	4.1	7.0	2.1	2.8	2.3	1.5	2.4	3.0	0.7
	5BC-2	6.8	1.4	1.0	3.1	7.1	1.9	2.8	2.7	1.2	2.4	2.5	0.4
	5BD	7.9	1.9	1.3	3.1	8.6	2.6	3.1	2.7	2.2	2.9	2.5	0.6
	5BE	10.7	3.0	2.6	4.7	5.9	2.3	2.4	2.3	1.1	2.8	3.7	0.9
	5CA	5.4	0.6	1.2	2.4	6.3	1.4	2.3	3.5	0.7	2.5	1.5	0.1
	5CB	4.8	0.6	1.0	2.0	5.7	1.1	1.9	2.7	0.4	1.9	1.6	0.5
	5CC	4.2	0.6	1.1	1.4	5.0	0.8	1.8	2.2	0.3	1.8	1.9	0.7
	5DA	13.7	3.7	3.5	6.0	5.7	1.9	0.8	1.2	0.3	2.2	5.3	1.7
	5DB	10.1	2.6	2.2	4.4	5.4	1.9	1.9	2.1	0.6	2.3	3.1	1.1
	5DC	6.2	1.0	0.8	2.9	7.1	1.6	2.3	2.9	0.8	1.7	1.8	0.2
	5DD	6.6	1.1	1.2	3.4	6.1	1.4	1.8	2.6	0.5	1.7	2.0	0.7
	5EA	5.2	0.9	0.7	3.0	2.0	0.5	0.1	0.1	0.1	0.2	0.9	0.3
	5EB	5.6	1.3	1.2	3.6	3.0	0.9	0.2	0.2	0.0	0.2	1.6	0.4
	5EC	6.6	1.3	2.3	3.0	4.6	0.9	0.6	0.6	0.1	0.5	2.7	0.6
	5ED	7.9	2.4	3.1	4.3	5.0	0.8	0.2	0.4	0.1	0.7	4.3	0.9
	5FA	7.2	1.3	2.3	2.7	3.2	0.3	0.2	0.1	0.0	0.3	2.5	0.7
	5FB	6.1	0.6	1.2	2.0	1.9	0.1	0.1	0.0	0.0	0.2	1.1	0.4
	5G	3.5	0.8	0.5	3.1	2.3	0.6	0.1	0.2	0.1	0.3	0.8	0.2
	5HA	2.0	0.2	0.3	2.3	2.3	0.1	0.1	0.1	0.1	0.3	0.5	0.0
	5HB	2.1	0.6	0.4	2.7	2.7	0.7	0.1	0.2	0.1	0.3	0.7	0.2
	5J	4.0	0.7	1.3	1.9	4.0	1.0	0.5	0.4	0.0	0.3	1.9	0.5

Monthly Rainfall by Sub-basin

Year 2039 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	3.2	0.4	8.1	9.0	7.0	3.7	3.6	5.7	5.3	10.2	2.7	3.1
	1AB	2.5	0.4	7.4	8.1	5.9	3.9	3.6	4.9	4.2	9.4	1.9	1.9
	1AC	3.1	0.7	9.1	9.1	6.8	4.4	3.6	6.0	5.1	10.1	1.7	2.0
	1AD	3.9	0.6	9.3	10.5	8.0	4.3	3.4	6.9	6.7	11.2	3.5	4.3
	1AE	4.4	0.3	9.1	11.1	8.3	3.5	3.3	7.0	7.2	11.4	4.9	6.0
	1AF	3.9	0.6	9.6	10.2	8.0	4.0	3.3	6.6	6.4	11.0	3.4	3.8
	1AG	3.9	0.6	9.5	9.8	8.0	3.9	3.2	6.3	6.5	10.4	3.8	3.8
	1AH	4.0	0.3	8.9	9.8	8.0	3.4	3.1	6.0	7.0	10.4	5.2	5.2
	1BA	0.3	0.5	6.5	5.0	3.2	2.4	3.4	3.1	1.2	8.8	2.9	1.3
	1BB	0.4	0.4	4.7	5.2	3.7	3.5	3.6	2.9	2.1	9.0	2.8	1.0
	1BC	0.5	0.2	3.8	5.1	3.9	4.2	4.1	2.6	2.8	9.4	2.9	1.0
	1BD	0.8	0.2	5.8	5.2	3.3	3.3	4.0	3.5	2.1	7.6	2.1	1.3
	1BE	0.7	0.1	4.0	5.5	3.5	4.1	4.0	2.9	2.7	7.9	2.4	1.1
	1BG	0.8	0.1	4.7	5.9	3.7	4.3	3.9	3.3	3.0	7.2	1.9	1.3
	1BH	1.3	0.3	5.8	6.5	4.4	4.3	3.8	3.9	3.5	7.6	1.6	1.4
	1CA	0.8	0.2	7.1	4.6	2.8	2.5	4.4	3.7	1.3	8.9	2.5	1.6
	1CB	0.9	0.1	7.3	4.3	2.7	2.8	5.0	4.2	1.4	9.1	2.6	1.8
	1CC	1.1	0.1	7.5	3.6	2.7	3.0	5.4	5.5	1.5	9.5	3.2	2.1
	1CD	1.3	0.5	7.8	5.6	3.6	4.7	5.3	6.3	3.5	8.0	1.9	1.8
	1CE	1.3	0.5	6.9	6.0	4.2	5.1	4.3	5.4	4.3	6.9	1.2	1.5
	1DA	2.1	0.9	8.9	8.0	5.4	6.0	3.9	6.8	5.6	8.4	1.2	1.8
	1DB	2.1	0.5	7.6	7.7	5.5	4.5	3.7	5.0	4.3	8.8	1.5	1.5
	1DC	3.0	0.8	9.3	8.9	6.6	4.9	3.5	6.4	5.6	9.5	1.9	1.9
	1DD	3.6	0.8	9.6	9.4	7.4	4.5	3.3	6.4	6.0	10.1	2.6	2.5
	1EA	2.2	0.8	9.4	7.8	5.0	6.6	4.3	8.5	5.9	7.7	2.1	2.4
	1EB	3.2	0.7	9.4	8.7	6.0	5.5	3.3	7.3	6.1	7.8	2.6	2.5
	1EC	2.6	1.0	9.8	9.0	5.9	6.5	3.6	7.6	6.5	8.7	1.8	2.4
	1ED	3.4	0.7	9.2	8.8	7.3	4.8	3.1	6.2	6.7	8.9	3.7	3.2
	1EE	3.6	0.5	8.5	8.4	7.8	3.8	2.9	5.0	7.0	8.8	5.5	4.2
	1EF	3.6	0.4	8.6	8.5	7.4	3.3	2.8	5.0	6.7	8.9	5.5	4.3
	1EG	3.3	0.5	8.5	7.5	7.0	3.9	2.7	4.8	6.6	6.8	5.5	3.6
	1FA	1.4	0.1	7.8	3.4	2.9	3.5	5.9	6.9	2.0	9.3	3.6	2.4
	1FB	1.8	0.4	8.5	5.5	4.0	5.3	5.7	8.5	3.9	8.6	3.0	2.4
	1FC	2.0	0.4	8.7	5.2	4.2	5.3	5.8	9.3	4.0	8.9	3.5	2.6
	1FD	2.1	0.3	8.2	4.3	3.9	4.8	5.7	8.7	3.3	9.0	4.0	2.9
	1FE	2.8	0.5	9.3	7.4	5.3	5.4	4.2	8.2	5.3	6.7	3.5	2.9
	1FF	3.2	0.4	9.0	7.3	5.7	4.0	3.2	6.4	5.1	5.1	4.5	3.1
	1FG	3.2	0.3	8.6	7.0	6.2	2.9	2.6	4.1	5.8	6.1	5.9	3.3
LVSCA	1GA	2.3	0.6	7.9	4.2	3.7	3.5	4.9	6.1	2.3	7.7	2.7	3.0
	1GB	2.6	0.5	8.1	5.1	4.3	4.7	4.6	7.5	3.5	7.1	3.7	3.5
	1GC	2.0	0.6	6.8	4.1	3.7	2.7	4.6	5.6	2.4	7.0	1.7	2.4
	1GD	2.9	0.9	8.0	5.6	5.1	3.6	2.8	5.7	3.7	5.3	3.1	3.8
	1GE	2.7	0.8	8.0	5.4	5.2	3.5	2.5	6.0	4.3	5.2	3.3	3.6
	1GF	2.2	0.6	7.7	5.0	4.4	3.3	2.4	6.4	4.4	4.5	4.4	3.6
	1GG	2.7	1.0	7.8	5.0	4.7	3.1	4.2	5.3	2.6	7.0	1.8	3.0
	1HA1	2.6	0.2	8.5	6.0	4.6	3.9	3.7	7.6	4.0	4.5	4.4	3.3
	1HA2	2.3	0.2	7.8	5.3	4.2	3.7	3.1	7.0	3.9	4.2	4.3	3.6
	1HB1	2.9	0.3	8.5	6.6	5.7	2.8	2.5	4.1	5.1	4.7	5.8	2.9
	1HB2	3.1	0.2	8.9	6.8	5.2	3.2	2.7	5.6	4.2	3.7	5.2	3.3
	1HC	2.6	0.3	7.8	6.3	5.6	2.4	2.3	3.4	5.0	5.0	6.3	2.8
	1HD	2.5	1.2	8.3	6.4	5.4	3.6	2.6	5.5	4.6	6.8	5.4	3.5
	1HE	2.3	1.2	8.0	7.2	5.9	3.6	2.6	4.5	4.5	7.4	5.9	3.5
	1HF	1.4	0.5	5.4	6.1	5.4	2.0	1.5	2.5	3.2	5.6	6.5	2.8
	1HG	1.7	0.4	5.9	5.8	5.1	1.6	1.2	2.2	2.9	5.0	6.4	2.6
	1JA	3.2	1.0	8.0	5.2	4.6	2.7	3.5	5.3	2.9	5.9	3.3	2.9
	1JB	4.4	1.5	9.7	6.7	6.5	3.4	2.8	5.2	4.0	5.8	3.8	3.5
	1JC	3.6	1.2	8.8	6.2	6.3	3.4	3.5	5.3	3.7	6.7	2.7	2.9
	1JD	3.5	1.3	8.9	6.1	6.3	3.6	2.8	5.6	4.5	6.2	3.6	3.3
	1JE	3.9	1.6	10.2	6.3	3.7	3.3	2.5	5.3	3.6	5.7	5.2	4.0
	1JF	3.5	1.3	8.4	5.3	4.3	3.1	2.8	5.2	3.5	5.8	4.9	3.5
	1JG1	2.7	1.2	8.3	5.4	5.3	3.7	2.7	5.9	4.7	6.4	4.7	3.5
	1JG2	2.4	0.9	8.2	5.8	4.9	3.5	2.6	6.1	4.5	5.5	5.2	3.8
	1KA	2.4	1.4	8.3	7.8	5.9	3.6	2.4	4.1	4.1	8.4	6.0	3.4
	1KB	2.5	1.2	8.4	7.0	4.9	2.8	1.8	3.3	3.0	6.8	5.8	3.0
	1KC	3.1	1.1	11.3	6.9	3.2	3.1	2.0	3.5	2.8	6.7	5.4	3.3
	1LA1	3.6	0.9	8.2	5.2	3.0	2.3	2.8	5.2	2.4	4.4	4.5	3.4
	1LA2	3.4	0.8	12.4	5.3	1.9	2.9	1.9	3.2	3.2	6.4	5.0	3.9
	1LA3	2.9	0.6	11.6	4.8	1.3	1.3	0.8	1.5	1.6	2.3	4.0	4.1
	1LB1	3.3	0.8	8.7	4.7	2.3	1.9	2.3	4.4	2.1	3.5	4.4	3.6
	1LB2	3.3	0.7	12.1	4.8	1.4	1.6	1.1	2.1	1.8	2.4	3.9	4.0

Monthly Rainfall by Sub-basin

Year 2039 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	2.1	1.0	0.6	0.1	0.3	0.1	0.0	0.3	1.1	0.6
	2AB	0.0	0.0	2.0	0.7	0.6	0.1	0.3	0.1	0.0	0.1	0.6	0.4
	2BA	0.4	0.3	3.9	5.1	4.1	4.3	3.9	2.3	2.8	10.0	3.0	0.9
	2BB	0.3	0.3	4.0	5.1	3.7	3.9	3.0	1.4	2.0	7.7	2.4	0.7
	2BC	0.5	0.1	3.8	5.4	3.6	4.2	3.5	1.8	2.4	8.2	2.5	0.9
	2BD	0.1	0.0	2.5	2.5	1.7	1.7	1.0	0.2	0.7	2.6	0.9	0.4
	2CA	0.0	0.1	2.2	1.4	1.0	0.6	0.4	0.1	0.1	0.6	0.8	0.4
	2CB	0.4	0.1	7.4	3.9	2.7	2.1	4.2	3.8	0.6	7.9	2.8	1.7
	2CC	0.1	0.2	3.9	3.0	2.3	1.7	1.7	1.0	0.8	3.9	1.6	0.7
	2D	0.2	0.2	4.6	2.7	1.5	0.9	2.2	1.5	0.4	3.0	2.0	1.2
	2EA	0.7	0.1	4.0	2.6	1.7	2.1	3.9	3.5	1.1	2.6	2.7	1.4
	2EB	0.5	0.1	4.2	2.4	1.7	2.3	3.9	3.3	0.7	2.8	2.3	1.3
	2EC	1.0	0.0	4.3	2.4	1.5	1.2	3.9	3.8	1.4	3.3	3.2	1.5
	2ED	1.0	0.0	5.8	2.5	2.0	2.2	5.4	5.2	1.1	6.8	1.9	1.9
	2EE	0.5	0.0	5.2	2.4	2.4	1.9	4.1	3.3	0.6	5.1	2.4	1.4
	2EF	0.8	0.0	4.5	2.1	1.9	1.7	4.9	4.5	1.2	5.3	2.1	1.4
	2EG1	0.9	0.0	4.6	2.3	1.4	1.4	4.5	4.7	1.2	5.4	2.7	1.6
	2EG2	0.6	0.0	4.3	2.1	1.9	1.7	4.1	3.5	1.0	3.9	2.4	1.3
	2EH	0.5	0.0	6.6	3.1	2.3	2.0	4.3	3.6	0.6	5.4	2.0	1.6
	2EJ	0.3	0.1	4.4	1.6	1.0	0.9	2.8	2.0	0.2	2.3	1.7	1.5
	2EK	0.3	0.1	4.4	1.7	1.4	1.7	3.4	2.5	0.3	2.6	1.8	1.4
	2FA	0.5	0.1	4.1	2.6	1.4	1.5	2.7	3.2	1.0	1.9	2.8	1.8
	2FB	0.8	0.1	4.3	2.9	1.6	1.3	3.4	3.6	1.4	2.4	3.3	1.9
	2FC	0.8	0.0	4.4	2.6	1.3	1.0	2.9	3.4	1.0	2.4	3.0	1.7
	2GA	0.4	0.1	3.7	2.6	1.3	1.6	2.3	3.4	0.9	1.8	3.0	1.8
	2GB	0.4	0.1	3.5	2.8	1.6	2.0	2.7	3.5	1.1	2.0	3.2	2.1
	2GC	0.7	0.5	2.9	3.9	3.0	2.1	1.7	4.1	1.5	2.1	5.5	3.4
	2GD	0.6	0.3	4.2	3.2	1.8	1.3	1.4	3.4	0.9	1.7	4.4	2.7
	2H-1	0.7	0.3	6.8	4.1	1.2	0.3	0.4	1.5	0.6	1.1	6.4	4.7
	2H-2	0.5	0.3	6.9	4.2	0.6	0.1	0.1	0.9	0.4	1.1	7.5	5.0
	2H-3	0.5	0.3	6.5	3.8	0.5	0.1	0.1	0.7	0.3	1.0	6.9	4.6
	2J	0.0	0.0	2.1	1.3	0.8	0.6	0.5	0.1	0.2	0.7	0.6	0.4
	2KA	1.9	0.4	8.6	3.4	1.1	0.7	1.0	2.1	1.0	1.5	3.5	3.2
	2KB	1.3	0.3	8.6	3.7	0.9	0.2	0.1	0.8	0.8	0.6	4.1	4.1
	2KC	1.1	0.3	8.8	3.5	0.8	0.1	0.1	0.6	0.7	0.7	4.6	4.6
ACA	3AA	0.5	0.2	6.5	5.1	0.6	0.1	0.2	1.2	0.3	1.0	9.0	5.5
	3AB	0.6	0.3	6.2	3.6	0.3	0.1	0.1	0.5	0.1	1.1	7.8	4.0
	3AC	0.6	0.1	6.6	5.8	0.4	0.1	0.3	0.5	0.1	1.1	9.4	5.7
	3BA	0.6	0.2	6.9	6.5	1.1	0.1	0.4	1.3	0.4	1.2	10.4	6.9
	3BB	0.7	0.4	6.9	7.0	1.7	0.2	0.6	1.3	0.5	1.3	11.1	7.4
	3BC	0.9	0.5	6.4	7.1	2.7	0.5	0.9	1.8	0.7	1.6	11.5	7.3
	3BD	0.8	0.5	6.4	7.0	2.4	0.4	0.8	1.6	0.6	1.6	11.2	7.3
	3CB	0.8	0.4	6.7	7.4	2.1	0.4	0.8	1.3	0.5	1.6	11.2	7.3
	3DA	0.8	0.1	6.9	5.6	0.3	0.0	0.2	0.2	0.1	1.3	9.7	5.7
	3DB	0.9	0.1	5.4	5.3	0.2	0.1	0.0	0.2	0.2	0.7	12.5	7.2
	3EA	1.0	0.1	5.7	5.1	0.2	0.1	0.1	0.2	0.1	1.0	9.9	4.7
	3EB	1.0	0.2	5.2	4.9	0.2	0.2	0.0	0.3	0.2	0.9	11.5	5.6
	3EC	0.8	0.2	4.9	4.3	0.2	0.2	0.0	0.3	0.2	0.8	12.0	5.7
	3ED	0.8	0.2	4.9	4.7	0.2	0.2	0.0	0.2	0.2	0.5	14.2	7.8
	3FA	0.5	0.2	4.9	3.1	0.2	0.1	0.0	0.2	0.1	0.5	12.5	5.3
	3FB	0.4	0.2	3.9	2.5	0.3	0.3	0.1	0.1	0.1	0.0	11.7	5.6
	3G	0.4	0.3	4.8	4.0	1.1	1.0	0.3	0.3	0.2	0.0	6.1	5.5
	3HA	0.5	0.4	2.2	4.6	1.1	1.1	0.4	0.5	0.4	0.1	3.2	5.3
	3HB	0.4	0.3	1.7	4.3	3.0	1.7	0.9	0.9	0.6	0.5	3.1	3.8
	3HC	0.4	0.1	1.5	5.7	5.4	2.3	2.5	1.4	1.0	0.8	4.3	1.7
	3HD1	0.6	0.1	0.9	6.6	6.1	2.8	2.6	1.7	1.5	1.3	3.3	1.1
	3HD2	0.4	0.1	1.6	7.0	6.2	2.6	3.1	1.7	1.2	0.8	4.9	1.5
	3J	0.6	0.5	6.2	5.1	2.1	1.5	0.5	0.6	0.4	0.1	3.3	6.0
	3K	3.0	0.5	3.4	7.7	6.9	4.0	2.6	2.9	1.3	2.4	6.0	1.9
	3LA	0.5	0.3	1.9	4.6	4.1	2.4	1.1	1.2	0.8	0.8	3.1	3.4
	3LB	0.5	0.1	1.0	6.9	7.0	3.3	2.7	1.9	1.6	1.4	3.3	1.0
	3MA-1	1.0	0.5	3.4	5.5	2.9	1.9	0.7	1.1	0.7	0.7	4.0	5.8
	3MA-2	2.0	0.5	3.4	5.6	4.7	2.9	1.4	2.0	0.8	1.8	5.0	3.4
	3MB	2.1	0.4	2.6	6.6	7.4	4.1	2.2	2.8	1.3	1.8	5.0	1.5
	3MC	3.3	0.6	3.7	7.6	6.8	4.2	2.6	3.0	1.2	2.6	6.4	1.6
	3MD1	1.1	0.1	1.3	8.2	8.3	4.4	3.2	2.7	2.1	1.6	4.6	1.1
	3MD2	2.9	0.3	2.1	8.7	8.1	4.0	3.0	3.0	1.9	1.9	5.0	1.6
	3N	0.4	0.3	5.5	3.0	0.5	0.3	0.1	0.2	0.1	0.4	9.2	4.7

Monthly Rainfall by Sub-basin

Year 2039 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.0	0.8	4.0	6.3	4.0	0.4	1.1	0.7	0.5	1.5	8.1	6.6
	4AB	0.8	0.7	3.2	5.1	3.8	0.8	1.2	1.4	0.8	1.6	6.3	4.1
	4AC	0.9	0.8	3.4	5.2	4.3	1.0	1.2	1.9	1.0	1.6	7.3	4.0
	4AD	1.1	0.8	3.6	5.6	4.9	1.2	1.4	2.4	1.2	1.9	8.6	4.8
	4BA	1.0	0.8	4.6	6.0	4.1	0.4	0.9	0.8	0.5	1.3	10.4	5.6
	4BB	1.0	0.8	4.4	6.7	4.2	0.4	1.0	0.7	0.5	1.3	9.5	7.3
	4BC	1.0	0.6	5.0	6.0	3.4	0.3	0.8	0.6	0.4	1.3	11.1	6.3
	4BD	1.4	1.0	4.8	6.5	5.0	1.0	1.3	2.2	1.0	1.9	11.1	5.4
	4BE	1.3	0.8	5.8	6.7	4.2	0.7	1.2	1.7	0.8	1.9	12.4	5.9
	4BF	0.6	0.3	7.0	6.6	1.9	0.2	0.6	0.6	0.3	1.4	11.8	6.2
	4BG	0.3	0.1	7.0	5.3	1.1	0.1	0.4	0.2	0.1	1.6	10.6	5.3
	4CA	1.4	0.9	5.5	6.8	4.8	1.3	1.5	3.2	1.3	2.3	11.2	6.5
	4CB	1.4	0.9	6.1	7.6	4.6	0.9	1.4	2.3	1.0	2.1	12.7	7.2
	4CC	0.4	0.1	7.2	6.0	0.7	0.1	0.4	0.3	0.1	1.5	9.9	6.2
	4DA	1.0	0.5	6.1	6.0	2.8	0.3	0.8	0.6	0.4	1.5	11.5	6.4
	4DB	1.3	0.6	6.7	6.4	3.0	0.3	0.9	0.8	0.5	1.7	13.1	7.6
	4DC	1.5	0.6	7.1	6.5	3.2	0.3	1.0	0.9	0.6	1.9	14.2	8.5
	4DD	0.7	0.2	7.0	5.7	2.0	0.1	0.6	0.4	0.4	1.4	11.2	6.7
	4DE	0.3	0.1	6.8	5.2	0.7	0.0	0.2	0.1	0.1	1.3	9.2	6.0
	4EA	1.2	0.4	8.6	6.7	2.4	0.2	0.6	0.5	0.6	2.2	18.8	10.1
	4EB	1.3	0.4	8.0	6.7	2.9	0.3	0.9	0.7	0.7	2.5	18.1	10.4
	4EC	1.1	0.3	7.3	6.2	2.4	0.2	0.8	0.6	0.5	1.9	14.8	8.6
	4ED	0.5	0.1	6.1	5.7	0.8	0.0	0.3	0.1	0.2	0.9	11.0	7.2
	4FA	1.3	0.4	8.9	6.6	1.9	0.1	0.4	0.2	0.4	1.6	18.3	9.5
	4FB	1.3	0.1	8.3	6.4	1.5	0.1	0.2	0.1	0.2	1.3	17.9	8.8
	4GA	1.0	0.1	6.2	5.2	1.0	0.0	0.1	0.1	0.1	1.2	16.2	6.5
	4GB	0.7	0.0	5.0	4.8	0.8	0.0	0.1	0.0	0.1	0.8	12.9	5.6
	4GC	0.2	0.0	1.8	2.5	0.8	0.1	0.1	0.1	0.1	0.3	5.6	3.1
	4GD	0.3	0.0	2.5	3.3	0.9	0.3	0.3	0.2	0.2	0.4	6.6	4.1
	4GE	0.3	0.0	3.4	3.6	0.7	0.3	0.3	0.2	0.3	0.3	9.7	6.3
	4GF	0.3	0.1	2.9	3.4	1.3	0.9	0.8	0.5	0.5	0.2	9.8	5.8
	4GG	0.1	0.2	2.2	6.1	4.6	3.0	2.4	1.4	1.2	0.4	5.7	2.4
	4HA	0.5	0.1	5.1	3.6	0.2	0.1	0.0	0.1	0.2	0.2	14.3	8.4
	4HB	0.2	0.1	3.2	2.8	1.2	0.7	0.8	0.4	0.5	0.1	11.0	5.8
	4HC	0.4	0.2	2.1	3.7	1.9	1.1	0.8	0.6	0.5	0.3	5.2	4.4
	4JA	0.1	0.0	1.2	2.9	1.7	1.4	0.7	0.5	0.3	0.3	4.4	2.6
	4JB	0.1	0.1	1.5	5.5	4.6	4.4	2.2	1.5	0.9	0.4	6.2	2.8
	4KA	0.1	0.1	1.4	4.7	3.7	3.4	1.7	1.2	0.8	0.3	5.3	2.7
	4KB	0.1	0.1	1.6	4.9	3.9	3.4	1.9	1.2	0.8	0.3	5.5	2.7
ENNCA	5AA	0.3	0.1	4.5	2.6	1.3	2.2	3.6	2.9	0.5	2.2	2.6	1.7
	5AB	0.2	0.1	4.5	2.5	1.1	1.6	3.2	2.4	0.4	1.8	3.1	2.0
	5AC	0.1	0.1	4.3	1.5	0.6	0.6	2.6	1.6	0.1	1.5	2.6	1.8
	5AD	0.2	0.2	4.3	2.1	0.7	0.4	2.3	1.3	0.1	1.4	3.1	1.9
	5BA	0.7	0.7	3.0	4.7	3.0	0.5	1.1	1.1	0.6	1.6	4.9	3.8
	5BB	0.5	0.5	3.2	3.8	2.3	0.8	1.5	1.5	0.6	1.6	4.1	2.7
	5BC-1	0.6	0.7	3.7	3.7	1.8	0.4	1.5	1.1	0.3	1.8	4.1	2.7
	5BC-2	0.3	0.4	3.8	2.2	0.7	0.1	1.9	1.1	0.0	1.6	2.8	1.7
	5BD	0.3	0.2	4.3	2.6	1.0	0.9	2.5	1.6	0.2	1.6	3.3	2.0
	5BE	0.8	1.0	4.3	3.9	1.3	0.1	1.1	0.7	0.4	1.9	6.0	3.2
	5CA	0.1	0.0	3.9	2.3	0.4	0.2	2.4	1.6	0.3	1.8	1.8	1.2
	5CB	0.1	0.1	4.0	2.4	0.5	0.2	2.1	1.2	0.3	1.6	2.3	1.2
	5CC	0.1	0.2	4.0	2.5	0.9	0.4	1.8	1.0	0.2	1.8	2.3	1.3
	5DA	1.3	0.6	6.3	4.0	0.8	0.0	0.5	0.2	0.7	1.3	10.3	4.4
	5DB	0.9	0.7	4.6	2.9	0.5	0.1	1.1	0.6	0.5	1.5	5.7	2.3
	5DC	0.1	0.1	3.9	1.7	0.4	0.1	2.2	1.1	0.1	1.5	2.8	1.6
	5DD	0.5	0.1	4.2	2.2	0.2	0.1	1.9	1.1	0.3	1.3	3.4	1.7
	5EA	0.0	0.0	1.1	1.6	0.5	0.6	0.1	0.3	0.0	1.1	2.9	1.2
	5EB	0.0	0.0	1.4	2.1	0.7	0.5	0.2	0.3	0.0	1.3	3.2	1.2
	5EC	0.2	0.1	2.4	3.1	0.6	0.3	0.5	0.4	0.1	1.0	4.7	1.5
	5ED	0.8	0.1	4.4	3.8	0.6	0.1	0.2	0.1	0.2	0.8	11.4	4.0
	5FA	0.2	0.0	2.1	2.6	0.5	0.2	0.1	0.1	0.1	0.6	7.3	2.8
	5FB	0.0	0.0	1.0	1.6	0.3	0.3	0.1	0.1	0.0	0.6	4.1	1.6
	5G	0.0	0.0	1.4	1.6	0.5	0.6	0.1	0.2	0.0	1.6	2.5	0.8
	5HA	0.0	0.0	1.6	1.3	0.2	0.3	0.1	0.1	0.0	1.9	2.2	0.6
	5HB	0.0	0.0	1.6	1.7	0.4	0.2	0.1	0.1	0.0	1.8	2.4	0.5
	5J	0.1	0.1	2.3	1.9	0.6	0.3	0.3	0.2	0.1	0.8	2.6	1.1

Monthly Rainfall by Sub-basin

Year 2040 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.6	0.6	2.1	4.8	6.4	3.3	3.3	4.1	3.4	6.0	5.0	1.7
	1AB	1.5	0.3	1.6	4.7	6.2	3.5	3.1	4.5	3.4	6.1	3.6	1.4
	1AC	1.9	0.4	2.0	5.6	6.4	3.7	3.2	3.8	3.4	5.9	3.8	1.8
	1AD	1.8	0.8	2.9	5.3	6.4	3.0	3.7	3.6	3.6	5.9	6.5	2.6
	1AE	1.5	1.1	3.2	4.3	6.0	2.6	3.4	4.1	3.4	6.4	8.9	3.7
	1AF	1.9	0.8	2.8	5.3	6.2	3.0	3.7	3.5	3.5	5.8	5.9	2.9
	1AG	1.7	0.9	2.7	5.2	6.3	2.8	4.0	3.6	3.7	5.5	5.9	3.3
	1AH	1.3	1.1	3.1	4.5	5.5	2.3	3.7	3.7	3.6	5.7	8.4	4.0
	1BA	0.8	0.0	0.4	1.5	5.2	4.1	3.8	4.1	2.6	5.5	2.7	1.1
	1BB	0.8	0.0	0.5	2.8	6.4	4.3	4.2	5.3	3.5	6.3	3.1	0.9
	1BC	0.6	0.0	0.8	3.6	7.2	3.9	4.5	6.6	4.3	6.8	3.2	0.8
	1BD	0.4	0.2	0.6	2.8	6.0	3.6	3.8	5.3	3.2	5.4	2.2	1.1
	1BE	0.4	0.1	0.8	3.6	6.3	3.3	3.8	6.2	3.8	6.0	2.6	1.0
	1BG	0.4	0.2	0.8	3.8	6.7	3.7	3.4	6.1	3.7	6.3	2.6	1.3
	1BH	0.7	0.3	1.0	4.1	6.8	3.9	3.3	5.7	3.6	6.2	2.8	1.4
	1CA	0.3	0.2	0.5	1.8	5.5	3.3	4.0	4.8	2.8	4.8	1.6	1.1
	1CB	0.2	0.3	0.6	1.9	5.6	3.2	4.2	5.1	3.1	4.8	1.5	1.1
	1CC	0.2	0.5	0.5	1.5	6.0	3.6	4.9	4.7	3.5	5.3	1.6	1.4
	1CD	0.5	0.8	1.2	3.6	7.4	4.3	4.7	5.7	4.1	5.4	2.7	1.7
	1CE	0.5	0.7	1.2	4.3	7.7	4.5	4.0	6.1	3.9	5.8	3.0	1.9
	1DA	1.1	0.8	2.0	5.6	8.0	4.5	4.1	5.1	4.0	5.9	3.7	2.5
	1DB	1.3	0.3	1.5	5.0	6.7	3.8	3.4	4.7	3.6	6.0	3.1	1.6
	1DC	1.7	0.6	2.1	5.6	6.8	3.8	3.8	4.1	3.7	5.7	3.7	2.5
	1DD	1.9	0.7	2.4	5.6	6.5	3.3	4.0	3.6	3.7	5.5	4.4	2.8
	1EA	1.0	1.2	2.1	5.1	8.5	4.9	4.8	5.5	4.5	6.0	4.1	3.6
	1EB	1.3	1.1	2.3	5.0	7.5	4.0	4.4	5.0	4.2	5.7	3.9	4.5
	1EC	1.3	1.0	2.5	5.9	8.1	4.3	4.5	4.8	4.2	5.9	4.2	3.5
	1ED	1.3	1.1	2.6	5.3	6.4	3.1	4.7	4.1	4.2	5.3	5.3	4.0
	1EE	0.9	1.1	2.8	4.9	5.1	2.3	4.7	3.6	4.2	4.9	7.5	4.4
	1EF	1.0	1.0	2.9	4.7	4.8	2.1	4.0	3.3	3.8	5.0	7.9	4.2
	1EG	0.7	1.1	2.7	4.8	4.9	2.5	4.7	3.6	4.3	4.5	6.8	4.9
	1FA	0.3	0.8	0.6	1.6	6.7	4.3	5.4	4.7	3.8	6.0	2.0	1.5
	1FB	0.7	1.2	1.4	3.3	7.8	4.8	5.6	5.5	4.5	6.0	3.2	2.1
	1FC	0.8	1.4	1.3	3.0	8.0	5.2	6.0	5.3	4.6	6.4	3.5	2.3
	1FD	0.7	1.4	1.1	2.3	7.8	5.0	6.3	4.8	4.2	6.7	3.2	1.8
	1FE	1.3	1.3	2.4	4.5	7.2	4.4	4.8	4.7	4.5	5.7	4.6	4.3
	1FF	1.4	1.0	2.9	4.7	6.0	3.4	3.9	3.6	4.2	4.6	5.3	5.2
	1FG	0.8	0.9	2.7	4.6	4.0	2.1	3.5	2.9	3.9	4.4	7.4	4.6
LVSCA	1GA	0.5	0.9	1.2	3.1	6.1	4.0	5.8	4.5	3.1	6.5	3.2	1.9
	1GB	1.1	1.5	1.9	3.5	6.2	4.1	5.8	4.2	3.4	6.8	4.2	2.2
	1GC	0.7	0.6	1.6	4.3	4.3	3.5	5.0	4.7	2.7	5.8	4.6	3.3
	1GD	1.2	1.0	3.0	5.7	5.3	2.8	5.1	3.7	2.6	6.2	5.4	3.4
	1GE	1.3	0.9	3.7	6.2	5.7	3.1	4.7	3.9	3.1	5.8	5.6	4.7
	1GF	1.4	1.1	4.5	6.3	5.7	3.1	3.9	3.5	3.2	4.8	6.2	5.2
	1GG	0.7	0.8	1.7	4.7	5.5	3.5	5.6	4.4	2.7	6.4	4.4	2.9
	1HA1	1.7	1.0	3.3	4.7	5.9	3.7	3.9	3.4	3.9	5.0	5.1	4.7
	1HA2	1.6	0.9	3.7	5.2	5.4	3.1	3.9	3.0	3.3	5.3	5.2	4.2
	1HB1	1.0	0.8	2.9	4.8	4.3	2.3	3.2	2.6	3.8	3.9	6.5	5.0
	1HB2	1.8	0.6	3.5	5.0	5.3	2.9	2.9	2.5	3.6	4.1	5.4	5.6
	1HC	0.7	0.9	2.8	4.7	3.8	2.2	2.7	2.3	3.7	3.8	6.7	4.7
	1HD	1.2	1.7	4.6	6.8	6.8	4.0	3.6	3.9	4.3	4.0	8.0	5.8
	1HE	1.1	1.8	4.4	6.7	7.1	4.3	3.1	3.5	4.8	3.7	7.8	5.6
	1HF	0.9	1.2	3.8	5.2	4.8	3.3	1.6	2.3	3.5	2.9	5.3	4.9
	1HG	0.9	1.1	3.6	4.8	4.2	3.0	1.7	1.9	3.3	2.9	5.4	4.7
	1JA	1.1	1.0	2.4	5.4	4.0	3.6	4.5	4.8	2.7	4.7	6.8	4.7
	1JB	1.2	1.6	3.4	6.5	5.1	4.2	4.9	5.1	3.4	4.7	8.2	5.9
	1JC	1.2	1.1	2.8	5.8	5.6	4.2	5.1	5.0	3.7	5.5	6.3	5.2
	1JD	1.2	1.5	3.8	6.4	6.0	4.3	5.0	5.1	3.7	5.1	7.3	5.7
	1JE	1.4	2.0	4.0	7.0	4.4	3.8	4.0	4.5	3.0	3.6	10.4	5.8
	1JF	1.2	1.8	3.7	6.2	4.0	3.7	4.3	5.0	2.5	3.9	9.2	5.5
	1JG1	1.1	1.8	4.7	6.8	6.2	4.1	4.4	4.9	3.6	4.5	8.2	5.8
	1JG2	1.4	1.6	4.8	6.8	6.5	3.5	3.6	3.6	3.8	4.1	7.5	5.5
	1KA	1.2	2.0	4.6	6.9	7.6	4.6	3.1	3.3	4.7	3.5	7.9	5.6
	1KB	1.3	1.4	4.4	6.1	6.0	3.8	2.8	2.8	3.3	3.0	6.5	5.2
	1KC	1.5	1.5	4.7	6.5	6.0	3.9	3.4	3.2	3.0	3.1	7.8	5.3
	1LA1	1.4	1.1	2.5	5.5	2.8	3.0	3.6	4.0	2.3	3.7	8.2	4.9
	1LA2	1.5	1.8	4.5	7.2	5.2	3.7	3.7	3.8	2.8	3.2	9.6	5.3
	1LA3	1.0	0.7	2.9	3.6	2.7	1.2	1.3	1.3	1.7	1.4	6.5	3.7
	1LB1	1.2	1.1	2.3	4.9	2.1	2.4	2.9	3.4	1.8	3.1	7.9	4.4
	1LB2	1.2	1.0	3.1	4.3	3.2	1.4	1.8	2.0	2.1	1.7	7.5	4.0

Monthly Rainfall by Sub-basin

Year 2040 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.2	0.0	0.1	0.3	0.1	0.1	0.1	0.0	0.1	0.9	0.5	0.9
	2AB	0.0	0.0	0.0	0.4	0.2	0.1	0.2	0.0	0.1	1.3	0.3	1.0
	2BA	0.8	0.0	0.6	3.4	7.2	4.1	4.4	6.2	4.1	6.8	3.4	0.7
	2BB	0.5	0.0	0.4	2.2	4.8	2.7	2.8	3.7	2.6	4.8	2.4	0.9
	2BC	0.4	0.0	0.6	2.8	5.3	2.8	3.2	4.7	3.1	5.3	2.5	0.9
	2BD	0.1	0.0	0.0	0.8	0.9	0.5	0.5	0.4	0.3	2.1	0.9	0.9
	2CA	0.0	0.0	0.0	0.6	0.4	0.2	0.3	0.1	0.1	1.8	0.6	1.1
	2CB	0.3	0.1	0.4	1.0	3.7	3.3	4.1	5.3	1.9	4.7	2.7	1.6
	2CC	0.6	0.0	0.3	1.1	2.3	1.6	1.5	1.9	1.0	3.0	1.8	1.1
	2D	1.1	0.0	0.6	0.4	1.5	1.2	1.7	2.8	0.7	1.7	2.8	1.2
	2EA	0.1	0.1	0.1	0.9	1.8	2.5	3.1	4.5	1.4	2.9	4.2	2.2
	2EB	0.3	0.1	0.1	0.7	2.0	2.5	2.8	4.7	1.4	2.6	3.8	2.4
	2EC	0.1	0.0	0.0	1.2	1.4	2.2	3.1	4.5	1.1	3.4	4.3	1.9
	2ED	0.2	0.2	0.4	1.4	3.5	3.3	4.4	4.6	2.4	5.2	2.7	2.4
	2EE	0.3	0.1	0.3	0.8	2.4	2.3	3.9	5.2	1.3	3.5	3.8	3.0
	2EF	0.1	0.1	0.3	1.1	1.9	2.5	3.6	4.5	1.5	3.9	4.0	2.9
	2EG1	0.1	0.0	0.2	1.8	1.5	2.5	3.5	4.8	1.5	4.4	3.8	2.0
	2EG2	0.3	0.1	0.2	0.9	1.9	2.3	3.3	5.1	1.3	3.1	4.1	2.7
	2EH	0.6	0.1	0.3	0.7	2.8	2.8	3.9	6.9	1.2	3.7	3.5	1.8
	2EJ	1.0	0.0	0.2	0.4	1.8	1.4	2.0	4.9	0.8	1.4	3.1	1.2
	2EK	0.8	0.1	0.2	0.5	2.0	2.0	2.2	5.1	1.1	2.0	3.2	1.9
	2FA	0.1	0.0	0.2	2.1	1.3	2.3	3.2	2.9	1.5	2.6	3.8	1.6
	2FB	0.1	0.0	0.0	1.3	1.5	2.1	3.3	4.4	1.3	3.0	4.3	1.6
	2FC	0.1	0.0	0.1	1.9	1.2	2.1	3.0	3.8	1.4	2.9	4.0	1.9
	2GA	0.2	0.1	0.3	1.8	1.2	2.0	3.0	2.7	1.5	2.7	3.5	1.5
	2GB	0.2	0.1	0.3	1.8	1.6	2.2	3.2	2.8	1.8	2.7	3.7	1.6
	2GC	0.3	0.3	0.7	2.9	2.4	1.7	2.6	1.8	2.5	2.8	4.6	2.7
	2GD	0.4	0.2	0.8	2.6	1.6	1.5	2.3	1.9	1.6	2.6	4.2	2.3
	2H-1	0.3	0.2	1.5	2.6	1.8	0.7	0.6	0.5	0.9	1.2	5.0	3.1
	2H-2	0.2	0.0	1.3	2.7	1.6	0.6	0.2	0.2	0.6	0.8	4.9	3.0
	2H-3	0.2	0.0	1.0	2.1	1.1	0.4	0.1	0.2	0.4	0.8	4.6	3.1
	2J	0.0	0.0	0.0	0.5	0.4	0.2	0.3	0.1	0.1	1.4	0.4	0.9
	2KA	0.7	0.6	1.9	3.0	1.0	1.0	1.3	1.6	1.1	1.7	5.6	3.1
	2KB	0.5	0.4	2.1	2.0	1.4	0.3	0.2	0.2	0.8	0.8	4.8	2.9
	2KC	0.4	0.3	1.8	2.0	1.4	0.3	0.1	0.2	0.7	0.6	4.5	3.0
ACA	3AA	0.2	0.0	1.2	3.2	2.1	0.8	0.3	0.2	0.8	0.8	5.5	3.1
	3AB	0.2	0.0	1.0	2.5	0.9	0.3	0.1	0.2	0.3	0.9	4.7	3.0
	3AC	0.4	0.0	1.3	3.3	1.0	0.4	0.3	0.1	0.5	0.6	5.8	3.3
	3BA	0.2	0.0	1.4	3.8	2.4	0.9	0.5	0.2	1.0	0.7	6.3	3.3
	3BB	0.3	0.1	1.6	4.1	2.4	0.8	0.8	0.3	1.1	0.7	6.8	3.4
	3BC	0.4	0.1	1.6	4.4	2.9	1.0	1.1	0.5	1.4	1.1	7.2	3.7
	3BD	0.4	0.1	1.6	4.2	2.5	0.9	1.1	0.4	1.2	1.0	6.9	3.6
	3CB	0.4	0.1	1.4	4.0	2.2	0.7	0.9	0.4	1.1	0.9	6.7	3.5
	3DA	0.6	0.0	1.2	3.7	0.6	0.2	0.2	0.1	0.4	0.3	5.9	3.8
	3DB	0.5	0.0	0.7	3.5	0.4	0.2	0.2	0.2	0.4	0.3	6.1	3.4
	3EA	0.6	0.0	1.4	3.4	0.6	0.2	0.1	0.2	0.3	0.7	6.1	3.5
	3EB	0.5	0.0	1.1	3.5	0.5	0.2	0.2	0.2	0.4	0.4	6.0	3.4
	3EC	0.4	0.0	0.8	2.9	0.4	0.2	0.2	0.2	0.4	0.4	5.9	3.3
	3ED	0.4	0.0	0.5	2.9	0.4	0.2	0.2	0.2	0.4	0.1	6.1	3.3
	3FA	0.2	0.0	0.5	2.1	0.3	0.1	0.1	0.1	0.2	0.3	5.2	3.9
	3FB	0.2	0.0	0.5	2.1	0.4	0.3	0.1	0.1	0.4	0.2	4.5	4.3
	3G	0.2	0.0	1.4	2.0	0.8	0.5	0.1	0.2	0.3	0.3	2.7	2.7
	3HA	0.1	0.0	1.4	0.9	1.1	0.9	0.2	0.5	0.8	0.8	3.9	3.0
	3HB	0.1	0.0	2.3	0.8	2.9	2.4	0.7	0.9	1.2	2.0	3.4	3.9
	3HC	0.1	0.0	2.8	0.9	6.8	4.8	1.5	1.2	1.7	3.7	2.3	2.9
	3HD1	0.0	0.0	3.2	1.0	8.0	6.2	1.8	1.3	1.8	3.8	2.6	2.8
	3HD2	0.1	0.0	3.0	1.2	9.5	5.5	1.8	1.2	1.6	4.1	2.0	2.6
	3J	0.1	0.0	2.9	2.0	1.7	1.0	0.3	0.5	0.5	0.3	3.2	2.9
	3K	0.4	0.1	1.9	3.8	9.4	7.1	2.5	2.0	1.4	2.7	3.8	4.6
	3LA	0.1	0.0	2.6	1.4	3.7	2.8	0.9	1.0	1.2	2.0	3.9	4.6
	3LB	0.1	0.0	3.2	1.6	8.7	6.1	1.9	1.4	1.8	3.8	2.8	3.7
	3MA-1	0.1	0.1	2.9	1.3	2.6	2.2	0.5	1.0	1.0	0.8	4.9	4.0
	3MA-2	0.4	0.1	2.8	2.0	5.2	4.4	1.4	1.5	1.2	1.8	4.4	4.8
	3MB	0.4	0.0	2.0	3.3	8.2	6.0	2.2	1.8	1.4	2.7	3.3	4.5
	3MC	0.6	0.0	2.1	3.4	9.3	7.4	2.5	2.1	1.5	2.9	3.6	5.3
	3MD1	0.2	0.0	1.5	5.1	10.8	6.9	2.7	1.9	1.5	2.8	4.0	3.9
	3MD2	0.3	0.0	1.2	4.9	11.5	7.5	2.6	2.1	1.3	2.6	3.8	3.6
	3N	0.3	0.0	0.8	1.9	0.4	0.1	0.0	0.1	0.1	0.3	3.7	3.2

Monthly Rainfall by Sub-basin

Year 2040 (Unit: mm/day)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.7	0.4	0.8	3.0	2.6	0.7	0.7	0.6	0.7	1.8	4.8	3.1
	4AB	1.0	0.5	0.9	2.8	2.8	0.9	1.1	0.8	1.1	1.9	4.4	3.0
	4AC	0.8	0.6	1.1	3.2	3.2	1.0	1.3	0.9	1.5	2.0	5.2	3.4
	4AD	0.8	0.5	1.1	3.7	3.7	1.2	1.5	0.9	1.8	2.2	5.9	3.9
	4BA	0.9	0.3	0.8	3.1	2.7	0.6	0.8	0.5	1.0	1.2	5.8	2.7
	4BB	1.6	0.4	0.7	3.0	2.6	0.7	0.6	0.5	0.8	1.4	5.0	3.0
	4BC	0.9	0.2	0.6	2.8	1.9	0.5	0.7	0.4	0.9	1.0	5.9	2.3
	4BD	0.6	0.4	1.1	4.0	3.6	1.1	1.5	0.8	1.8	1.8	7.0	3.8
	4BE	0.4	0.2	1.1	4.1	3.1	0.8	1.2	0.6	1.5	1.4	7.5	3.5
	4BF	0.2	0.0	0.9	3.3	1.5	0.3	0.6	0.2	0.9	0.6	6.5	2.6
	4BG	0.1	0.0	0.8	3.1	0.8	0.1	0.3	0.1	0.8	0.4	6.6	2.8
	4CA	0.5	0.3	1.4	4.8	3.8	1.4	1.9	1.0	2.1	2.1	7.4	4.5
	4CB	0.5	0.2	1.5	4.8	3.6	1.1	1.5	0.7	1.7	1.6	7.8	4.4
	4CC	0.3	0.0	1.0	3.4	0.8	0.2	0.3	0.1	0.6	0.4	6.1	3.4
	4DA	0.6	0.1	0.6	2.9	1.5	0.4	0.6	0.4	1.0	1.1	6.7	2.6
	4DB	0.8	0.1	0.6	3.1	1.5	0.6	0.7	0.6	1.1	1.8	8.5	3.1
	4DC	0.8	0.1	0.6	3.1	1.6	0.6	0.7	0.7	1.2	2.3	9.9	3.5
	4DD	0.1	0.0	0.4	3.0	0.7	0.3	0.4	0.2	0.8	0.8	7.6	3.2
	4DE	0.2	0.0	0.6	3.4	0.5	0.1	0.1	0.1	0.6	0.3	6.5	3.6
	4EA	1.0	0.1	0.4	4.0	1.4	0.4	0.5	0.7	0.9	3.1	15.0	5.4
	4EB	1.1	0.1	0.5	3.7	1.8	0.6	0.7	0.8	1.2	3.5	14.9	5.1
	4EC	0.6	0.0	0.4	3.2	1.2	0.5	0.6	0.5	1.0	2.1	11.1	4.2
	4ED	0.4	0.0	0.3	3.5	0.4	0.1	0.2	0.1	0.5	0.5	7.2	3.9
	4FA	0.8	0.1	0.4	3.9	0.9	0.2	0.3	0.5	0.6	2.1	13.4	5.3
	4FB	0.6	0.1	0.2	3.0	0.7	0.1	0.2	0.2	0.4	1.2	13.3	5.2
	4GA	0.4	0.0	0.2	2.1	0.4	0.1	0.1	0.1	0.2	0.7	12.1	4.7
	4GB	0.4	0.0	0.2	2.0	0.3	0.1	0.1	0.1	0.3	0.5	9.1	3.7
	4GC	0.3	0.0	0.5	1.5	0.1	0.1	0.1	0.0	0.4	0.7	4.1	1.9
	4GD	0.4	0.0	0.5	2.0	0.7	0.3	0.2	0.1	0.5	1.0	3.7	2.4
	4GE	0.5	0.0	0.4	2.3	0.7	0.4	0.2	0.1	0.5	0.9	4.8	3.1
	4GF	0.4	0.0	0.5	1.8	2.2	0.9	0.5	0.2	0.7	1.5	3.9	3.2
	4GG	0.3	0.0	1.4	1.9	8.7	3.4	1.6	0.8	1.3	3.7	2.8	2.4
	4HA	0.3	0.0	0.3	2.5	0.3	0.3	0.1	0.1	0.3	0.1	6.2	4.2
	4HB	0.3	0.0	0.6	1.6	2.1	1.2	0.5	0.2	0.7	1.3	4.5	3.6
	4HC	0.1	0.0	1.4	0.9	1.9	1.7	0.4	0.6	0.9	1.5	3.5	3.3
	4JA	0.3	0.0	0.5	1.2	1.9	0.7	0.5	0.2	0.7	1.6	2.0	1.8
	4JB	0.3	0.0	0.6	1.6	7.6	2.3	1.4	0.5	1.0	3.7	2.2	2.7
	4KA	0.3	0.0	0.6	1.4	5.7	1.8	1.2	0.4	1.0	3.1	2.1	2.4
	4KB	0.3	0.0	0.7	1.6	6.3	1.9	1.2	0.4	1.0	3.2	2.0	2.5
ENNCA	5AA	0.1	0.1	0.2	0.8	1.7	2.3	2.3	3.6	1.3	2.1	2.8	1.5
	5AB	0.1	0.1	0.2	0.7	1.3	1.7	1.8	2.9	1.1	1.8	2.6	1.3
	5AC	0.2	0.0	0.2	0.4	0.9	1.0	1.0	3.2	0.4	1.0	2.7	1.0
	5AD	0.2	0.0	0.3	0.6	0.7	0.7	0.8	2.3	0.3	1.2	2.5	1.0
	5BA	1.1	0.4	0.7	2.3	2.1	0.6	0.9	0.8	0.8	1.8	3.3	2.4
	5BB	0.6	0.4	0.6	1.8	1.8	0.8	1.2	1.1	1.0	1.9	3.2	2.0
	5BC-1	0.8	0.2	0.5	1.8	1.3	0.6	1.0	1.2	0.5	1.9	3.0	1.6
	5BC-2	0.3	0.0	0.2	0.8	0.6	0.5	0.8	1.9	0.1	1.3	2.6	0.8
	5BD	0.2	0.1	0.3	0.8	1.0	1.1	1.3	2.1	0.6	1.6	2.4	1.2
	5BE	1.2	0.2	0.5	3.5	0.8	0.3	0.7	1.1	0.3	2.5	4.7	2.1
	5CA	0.3	0.0	0.2	0.3	1.1	0.8	1.6	3.5	0.6	0.8	3.5	1.0
	5CB	0.6	0.1	0.5	0.4	0.6	0.5	1.2	2.4	0.4	0.6	3.5	1.2
	5CC	1.0	0.1	0.8	0.2	0.6	0.4	1.1	1.9	0.4	0.7	3.2	1.3
	5DA	1.5	0.2	0.5	4.6	0.4	0.1	0.2	0.6	0.3	2.1	7.9	3.5
	5DB	1.2	0.1	0.4	3.4	0.4	0.3	0.5	1.2	0.2	1.9	5.1	2.0
	5DC	0.1	0.1	0.1	0.5	0.5	0.6	0.8	2.8	0.2	0.7	3.4	1.0
	5DD	0.5	0.1	0.2	1.2	0.5	0.5	0.9	2.3	0.3	0.7	4.1	1.4
	5EA	0.1	0.0	0.0	0.7	0.6	0.1	0.1	0.2	0.9	0.8	1.2	0.5
	5EB	0.3	0.0	0.0	0.8	0.7	0.1	0.1	0.4	0.7	0.9	1.3	0.7
	5EC	0.6	0.0	0.3	0.7	0.3	0.2	0.2	0.4	0.4	0.6	2.5	1.2
	5ED	0.5	0.0	0.2	1.5	0.2	0.1	0.0	0.1	0.4	0.6	7.9	3.2
	5FA	0.2	0.0	0.2	0.9	0.1	0.1	0.1	0.0	0.5	0.6	4.6	2.1
	5FB	0.1	0.0	0.1	0.5	0.1	0.1	0.0	0.0	0.8	0.4	1.9	1.0
	5G	0.1	0.0	0.0	0.9	1.4	0.2	0.1	0.3	0.7	1.7	1.4	0.4
	5HA	0.0	0.0	0.0	0.7	2.0	0.2	0.1	0.1	0.4	2.5	1.5	0.3
	5HB	0.1	0.0	0.0	0.9	1.8	0.1	0.1	0.3	0.6	2.1	1.5	0.4
	5J	0.5	0.0	0.3	0.4	0.3	0.1	0.2	0.2	0.3	0.6	1.2	0.7

Monthly Temperature by Sub-basin

Year 1991 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.3	21.7	22.0	20.9	20.7	20.2	18.9	19.7	20.2	20.0	20.2	20.2
	1AB	17.4	18.7	19.0	18.0	17.8	17.3	16.0	16.7	17.2	17.0	17.2	17.2
	1AC	20.8	22.1	22.4	21.4	21.2	20.7	19.4	20.2	20.6	20.4	20.6	20.6
	1AD	22.4	23.7	24.0	23.0	22.7	22.2	21.0	21.8	22.2	22.0	22.3	22.3
	1AE	23.1	24.4	24.7	23.6	23.4	22.9	21.6	22.5	22.9	22.7	23.0	23.0
	1AF	22.4	23.7	24.0	22.9	22.7	22.2	21.0	21.7	22.2	21.9	22.3	22.2
	1AG	22.6	23.8	24.1	23.0	22.8	22.3	21.1	21.9	22.3	22.1	22.4	22.4
	1AH	23.0	24.2	24.5	23.4	23.2	22.7	21.5	22.3	22.8	22.5	22.8	22.8
	1BA	16.0	17.4	17.7	16.6	16.5	15.9	14.7	15.3	15.8	15.7	15.8	15.8
	1BB	16.8	18.3	18.5	17.4	17.4	16.8	15.4	16.2	16.6	16.5	16.5	16.5
	1BC	17.8	19.3	19.5	18.4	18.4	17.8	16.5	17.2	17.6	17.5	17.4	17.5
	1BD	18.4	19.8	20.0	19.0	18.9	18.3	17.0	17.7	18.1	18.0	18.1	18.1
	1BE	18.1	19.5	19.7	18.6	18.7	18.0	16.8	17.4	17.8	17.7	17.6	17.7
	1BG	18.1	19.5	19.7	18.6	18.6	18.0	16.8	17.4	17.7	17.7	17.6	17.7
	1BH	17.6	19.0	19.3	18.2	18.1	17.5	16.3	16.9	17.4	17.2	17.3	17.3
	1CA	17.3	18.4	18.7	17.6	17.4	16.9	15.9	16.3	16.8	16.7	16.8	17.0
	1CB	17.1	18.1	18.5	17.4	17.1	16.6	15.6	16.0	16.5	16.5	16.6	16.7
	1CC	16.3	17.3	17.7	16.6	16.3	15.7	14.7	15.2	15.8	15.7	15.9	15.9
	1CD	18.1	19.2	19.6	18.5	18.2	17.7	16.7	17.2	17.6	17.5	17.7	17.9
	1CE	19.4	20.6	20.9	19.9	19.7	19.2	17.9	18.6	19.1	18.9	19.1	19.1
	1DA	20.5	21.7	22.0	20.9	20.7	20.2	19.0	19.6	20.1	19.9	20.2	20.2
	1DB	17.8	19.1	19.4	18.4	18.2	17.7	16.4	17.1	17.6	17.4	17.6	17.6
	1DC	21.4	22.5	22.9	21.8	21.5	21.1	19.9	20.5	21.0	20.8	21.1	21.1
	1DD	21.8	23.0	23.4	22.3	22.0	21.6	20.4	21.1	21.5	21.3	21.6	21.6
	1EA	19.7	20.6	21.0	19.9	19.6	19.2	18.1	18.6	19.1	18.8	19.3	19.3
	1EB	21.2	22.1	22.5	21.5	21.1	20.8	19.7	20.1	20.6	20.3	20.9	20.9
	1EC	21.2	22.2	22.6	21.5	21.2	20.8	19.7	20.2	20.7	20.4	20.9	20.9
	1ED	22.2	23.3	23.6	22.5	22.2	21.8	20.7	21.3	21.8	21.5	21.9	22.0
	1EE	22.9	24.0	24.4	23.3	23.0	22.5	21.3	22.1	22.6	22.3	22.7	22.7
	1EF	23.0	24.3	24.6	23.5	23.3	22.8	21.5	22.4	22.9	22.6	22.9	22.9
	1EG	22.5	23.5	23.8	22.7	22.4	21.9	20.9	21.5	22.0	21.8	22.2	22.2
	1FA	16.0	17.0	17.4	16.2	16.0	15.4	14.4	14.9	15.5	15.4	15.6	15.6
	1FB	18.1	19.1	19.5	18.4	18.1	17.6	16.6	17.1	17.6	17.4	17.7	17.8
	1FC	18.5	19.5	19.8	18.7	18.4	17.9	16.9	17.5	18.0	17.8	18.1	18.2
	1FD	17.7	18.7	19.1	17.9	17.7	17.1	16.1	16.7	17.2	17.1	17.3	17.4
	1FE	20.5	21.4	21.8	20.7	20.3	19.9	18.9	19.5	19.9	19.7	20.1	20.2
	1FF	21.2	22.1	22.5	21.3	21.0	20.5	19.6	20.3	20.8	20.5	20.9	20.9
	1FG	22.8	23.8	24.2	23.0	22.7	22.2	21.2	21.9	22.4	22.2	22.5	22.6
LVSCA	1GA	16.4	17.4	17.8	16.6	16.4	15.7	14.8	15.4	15.9	15.8	16.0	16.1
	1GB	19.6	20.6	21.0	19.8	19.5	18.9	18.0	18.7	19.2	19.0	19.3	19.3
	1GC	16.6	17.6	18.0	16.9	16.6	15.9	15.0	15.6	16.1	16.1	16.3	16.3
	1GD	21.4	22.3	22.7	21.5	21.2	20.7	19.7	20.4	21.0	20.8	21.1	21.1
	1GE	21.2	22.1	22.5	21.3	21.0	20.5	19.5	20.3	20.8	20.6	20.9	20.9
	1GF	22.4	23.3	23.7	22.4	22.1	21.6	20.7	21.5	22.0	21.7	22.1	22.1
	1GG	16.9	17.9	18.3	17.1	16.9	16.2	15.3	15.9	16.4	16.4	16.5	16.6
	1HA1	21.2	22.1	22.5	21.2	20.9	20.4	19.5	20.3	20.8	20.5	20.9	20.9
	1HA2	23.5	24.4	24.8	23.5	23.2	22.7	21.9	22.7	23.2	22.8	23.2	23.3
	1HB1	23.1	24.0	24.3	23.1	22.8	22.3	21.4	22.2	22.6	22.4	22.7	22.8
	1HB2	22.8	23.7	24.0	22.7	22.4	21.9	21.1	22.0	22.5	22.1	22.5	22.5
	1HC	23.3	24.3	24.6	23.5	23.2	22.6	21.7	22.4	22.9	22.7	23.0	23.0
	1HD	21.8	22.8	23.1	21.9	21.6	21.1	20.2	20.9	21.4	21.2	21.5	21.6
	1HE	22.0	23.0	23.4	22.1	21.9	21.3	20.4	21.1	21.6	21.4	21.7	21.7
	1HF	22.7	23.6	24.0	22.8	22.5	21.9	21.0	21.6	22.2	22.1	22.4	22.4
	1HG	22.5	23.5	23.9	22.7	22.4	21.8	20.8	21.5	22.0	21.9	22.2	22.2
	1JA	16.2	17.2	17.6	16.5	16.2	15.5	14.5	15.2	15.8	15.8	15.9	15.9
	1JB	18.2	19.1	19.5	18.4	18.1	17.5	16.5	17.2	17.7	17.7	17.8	17.9
	1JC	17.1	18.1	18.5	17.3	17.1	16.4	15.5	16.1	16.7	16.6	16.8	16.8
	1JD	19.3	20.3	20.7	19.5	19.2	18.6	17.6	18.3	18.9	18.8	19.0	19.0
	1JE	18.5	19.5	19.9	18.7	18.4	17.8	16.8	17.4	18.0	18.0	18.2	18.2
	1JF	17.8	18.8	19.2	18.0	17.8	17.1	16.1	16.8	17.3	17.3	17.5	17.5
	1JG1	20.8	21.7	22.1	20.9	20.6	20.0	19.1	19.8	20.4	20.2	20.5	20.5
	1JG2	22.7	23.6	24.0	22.8	22.5	21.9	21.0	21.9	22.3	22.1	22.4	22.4
	1KA	21.2	22.1	22.5	21.3	21.0	20.4	19.5	20.1	20.7	20.6	20.9	20.9
	1KB	21.1	22.1	22.5	21.3	21.0	20.4	19.4	20.0	20.6	20.6	20.8	20.8
	1KC	20.2	21.2	21.7	20.5	20.2	19.5	18.5	19.1	19.7	19.8	20.0	19.9
	1LA1	16.6	17.6	18.0	16.9	16.6	15.9	14.9	15.5	16.1	16.2	16.3	16.3
	1LA2	19.8	20.8	21.2	20.1	19.8	19.1	18.1	18.6	19.2	19.4	19.5	19.5
	1LA3	18.5	19.2	19.9	18.9	18.4	17.6	16.7	16.7	17.7	18.4	18.2	18.2
	1LB1	16.8	17.7	18.2	17.1	16.8	16.1	15.1	15.5	16.2	16.5	16.5	16.5
	1LB2	18.7	19.5	20.1	19.0	18.6	17.8	17.0	17.1	17.9	18.5	18.4	18.4

Monthly Temperature by Sub-basin

Year 1991 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.4	28.7	28.5	28.0	27.5	26.7	24.3	25.9	26.9	27.1	26.9	26.8
	2AB	26.7	29.2	28.9	28.6	28.3	27.5	25.0	26.7	27.6	27.7	27.6	27.2
	2BA	18.3	19.9	20.1	19.2	19.1	18.5	17.0	17.9	18.4	18.2	18.3	18.2
	2BB	22.8	24.6	24.8	23.9	23.9	23.2	21.6	22.7	23.2	23.0	23.1	22.9
	2BC	21.1	22.9	23.0	22.1	22.1	21.4	19.9	20.9	21.3	21.2	21.2	21.1
	2BD	25.3	27.7	27.7	27.2	27.2	26.5	24.0	25.8	26.5	26.4	26.4	25.8
	2CA	26.8	29.5	29.3	29.1	29.0	28.3	25.5	27.6	28.3	28.2	28.2	27.5
	2CB	20.5	21.5	21.9	20.8	20.6	20.0	19.0	19.4	20.0	20.0	20.1	20.2
	2CC	25.0	27.0	27.1	26.4	26.3	25.6	23.6	25.0	25.6	25.5	25.5	25.2
	2D	23.7	25.2	25.4	24.6	24.4	23.7	22.2	23.0	23.7	23.8	23.7	23.7
	2EA	19.1	20.1	20.5	19.5	19.2	18.4	17.4	17.9	18.6	18.9	18.7	18.8
	2EB	18.8	19.7	20.2	19.2	18.9	18.0	17.1	17.5	18.2	18.5	18.4	18.4
	2EC	18.0	19.0	19.4	18.4	18.1	17.3	16.3	16.8	17.5	17.7	17.6	17.7
	2ED	15.9	16.8	17.2	16.2	15.9	15.2	14.2	14.8	15.3	15.4	15.5	15.5
	2EE	21.2	22.2	22.6	21.5	21.3	20.5	19.6	20.0	20.6	20.8	20.8	20.8
	2EF	18.5	19.4	19.8	18.8	18.5	17.8	16.8	17.3	17.9	18.0	18.1	18.1
	2EG1	14.9	15.8	16.2	15.2	14.9	14.1	13.2	13.7	14.3	14.5	14.5	14.5
	2EG2	20.9	21.9	22.3	21.3	21.0	20.2	19.3	19.7	20.4	20.6	20.5	20.5
	2EH	22.1	23.1	23.4	22.4	22.1	21.4	20.5	20.9	21.5	21.6	21.6	21.7
	2EJ	20.4	21.4	21.8	20.8	20.6	19.8	18.9	19.2	19.8	20.1	20.0	20.1
	2EK	18.7	19.6	20.0	19.0	18.8	17.9	17.0	17.4	18.1	18.4	18.2	18.3
	2FA	17.1	17.7	18.3	17.4	16.9	16.0	15.3	15.1	16.1	17.0	16.7	16.7
	2FB	17.6	18.5	19.0	18.0	17.7	16.8	15.9	16.3	17.0	17.3	17.2	17.2
	2FC	16.4	17.1	17.7	16.7	16.3	15.4	14.7	14.7	15.6	16.3	16.0	16.0
	2GA	16.5	17.1	17.8	16.9	16.4	15.4	14.8	14.5	15.5	16.5	16.1	16.1
	2GB	14.7	15.2	15.9	15.0	14.5	13.5	12.9	12.5	13.6	14.7	14.2	14.2
	2GC	13.7	14.2	14.9	14.1	13.6	12.5	11.9	11.5	12.6	13.8	13.3	13.2
	2GD	16.1	16.6	17.3	16.4	16.0	14.9	14.2	13.9	15.0	16.1	15.7	15.6
	2H-1	21.0	21.6	22.4	21.5	20.9	19.8	18.9	18.7	19.9	21.2	20.7	20.6
	2H-2	21.5	22.1	22.9	22.0	21.4	20.3	19.2	19.0	20.3	21.8	21.3	21.0
	2H-3	20.9	21.6	22.4	21.5	20.8	19.6	18.5	18.2	19.5	21.4	20.8	20.4
	2J	26.1	28.3	28.2	27.7	27.4	26.7	24.4	26.0	26.8	26.8	26.7	26.4
	2KA	17.1	17.8	18.4	17.4	17.0	16.1	15.3	15.2	16.2	17.0	16.8	16.7
	2KB	19.6	20.2	20.9	20.0	19.5	18.5	17.7	17.5	18.6	19.7	19.3	19.2
	2KC	22.7	23.2	24.0	23.0	22.5	21.5	20.5	20.4	21.6	22.7	22.3	22.2
ACA	3AA	18.7	19.4	20.2	19.4	18.8	17.6	16.3	16.2	17.5	19.3	18.6	18.3
	3AB	19.0	19.8	20.7	19.9	19.2	18.0	16.6	16.3	17.8	19.8	19.1	18.7
	3AC	19.6	20.5	21.4	20.5	19.9	18.7	17.3	17.0	18.4	20.5	19.7	19.3
	3BA	18.6	19.3	20.1	19.3	18.7	17.6	16.4	16.2	17.5	19.1	18.4	18.2
	3BB	18.7	19.4	20.2	19.3	18.8	17.6	16.5	16.3	17.6	19.2	18.5	18.3
	3BC	17.3	18.0	18.8	17.9	17.4	16.3	15.3	15.0	16.3	17.8	17.1	17.0
	3BD	18.2	18.9	19.7	18.8	18.3	17.2	16.2	15.9	17.1	18.7	18.0	17.8
	3CB	19.1	19.7	20.5	19.7	19.2	18.0	16.9	16.6	17.9	19.6	18.8	18.7
	3DA	21.1	21.8	22.7	21.9	21.2	20.0	18.7	18.4	19.8	21.8	21.1	20.7
	3DB	22.4	23.0	23.8	23.1	22.3	21.1	19.8	19.5	20.9	23.0	22.2	21.8
	3EA	19.2	20.2	21.2	20.3	19.7	18.4	16.9	16.6	18.1	20.3	19.5	19.0
	3EB	20.5	21.3	22.3	21.4	20.8	19.5	18.0	17.8	19.2	21.3	20.6	20.1
	3EC	20.3	21.1	22.1	21.2	20.5	19.3	17.8	17.6	19.0	21.1	20.3	19.9
	3ED	22.8	23.4	24.2	23.6	22.7	21.4	20.2	19.8	21.2	23.3	22.5	22.0
	3FA	21.8	22.3	23.2	22.5	21.5	20.3	19.2	18.8	20.2	22.2	21.4	21.0
	3FB	24.9	25.0	25.7	25.2	23.8	22.6	21.8	21.1	22.4	24.5	24.1	23.5
	3G	24.0	24.0	24.6	24.2	22.6	21.4	20.7	20.0	21.3	23.4	23.1	22.5
	3HA	27.0	27.0	27.4	27.0	25.1	24.0	23.3	22.6	23.9	26.0	26.1	25.3
	3HB	28.5	28.5	29.1	28.8	27.0	25.9	25.0	24.5	25.7	27.8	27.3	26.8
	3HC	28.9	28.9	29.6	29.5	27.6	26.6	25.7	25.3	26.4	28.4	27.7	27.4
	3HD1	28.9	29.0	29.6	29.5	27.6	26.7	25.7	25.3	26.4	28.4	27.6	27.4
	3HD2	29.2	29.2	29.9	29.9	28.0	27.1	26.1	25.7	26.8	28.7	28.1	27.8
	3J	24.7	24.7	25.2	24.9	23.2	22.0	21.3	20.6	21.9	24.0	23.7	23.1
	3K	29.0	29.0	29.6	29.3	27.5	26.5	25.7	25.1	26.3	28.3	27.0	26.9
	3LA	28.0	27.9	28.4	28.1	26.3	25.2	24.4	23.8	25.0	27.1	26.6	26.1
	3LB	29.1	29.1	29.8	29.7	27.8	26.8	25.9	25.5	26.6	28.6	27.6	27.5
	3MA-1	25.8	25.8	26.2	25.9	24.0	22.9	22.2	21.6	22.8	24.9	24.6	24.0
	3MA-2	27.7	27.7	28.2	27.9	26.1	25.0	24.2	23.6	24.8	26.9	26.1	25.7
	3MB	28.6	28.7	29.2	28.9	27.1	26.1	25.2	24.7	25.9	27.9	26.5	26.5
	3MC	28.5	28.5	29.1	28.8	27.0	26.0	25.1	24.6	25.8	27.9	26.3	26.3
	3MD1	29.1	29.1	29.7	29.5	27.7	26.6	25.7	25.3	26.4	28.5	26.7	26.9
	3MD2	29.5	29.5	30.1	29.9	28.1	27.0	26.1	25.6	26.8	28.9	26.8	27.1
	3N	21.3	21.8	22.6	21.8	20.9	19.7	18.6	18.3	19.6	21.5	20.8	20.4

Monthly Temperature by Sub-basin

Year 1991 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.7	16.1	16.8	16.1	15.6	14.3	13.9	13.2	14.4	16.0	15.1	15.1
	4AB	16.3	16.7	17.4	16.6	16.1	15.0	14.4	13.9	15.1	16.5	15.7	15.7
	4AC	15.9	16.3	17.0	16.3	15.8	14.6	14.0	13.5	14.7	16.1	15.4	15.4
	4AD	16.1	16.6	17.3	16.5	16.0	14.8	14.2	13.7	14.9	16.4	15.6	15.6
	4BA	20.3	20.8	21.5	20.8	20.3	19.0	18.4	17.8	19.1	20.7	19.8	19.8
	4BB	17.5	17.9	18.6	18.0	17.4	16.1	15.6	14.9	16.2	17.9	16.9	16.9
	4BC	20.4	20.8	21.5	20.9	20.4	19.0	18.5	17.8	19.1	20.8	19.8	19.8
	4BD	18.1	18.6	19.4	18.6	18.1	16.9	16.2	15.7	17.0	18.5	17.7	17.6
	4BE	19.4	19.9	20.6	19.9	19.4	18.1	17.4	16.9	18.2	19.8	18.9	18.9
	4BF	21.1	21.7	22.5	21.7	21.2	19.9	19.1	18.7	20.0	21.6	20.8	20.7
	4BG	22.4	22.8	23.6	22.9	22.3	21.0	20.0	19.6	21.0	22.9	22.0	21.8
	4CA	15.7	16.3	17.1	16.3	15.8	14.6	13.8	13.4	14.6	16.1	15.4	15.3
	4CB	17.7	18.3	19.1	18.3	17.8	16.6	15.8	15.3	16.6	18.1	17.4	17.3
	4CC	21.3	21.9	22.7	22.0	21.4	20.1	19.0	18.7	20.0	21.9	21.1	20.8
	4DA	20.0	20.4	21.1	20.5	20.0	18.6	18.0	17.3	18.7	20.5	19.4	19.4
	4DB	18.3	18.6	19.3	18.7	18.2	16.8	16.3	15.5	16.9	18.7	17.6	17.6
	4DC	17.7	18.0	18.7	18.2	17.6	16.2	15.8	15.0	16.4	18.2	17.0	17.0
	4DD	22.7	23.1	23.8	23.2	22.6	21.2	20.4	19.9	21.3	23.2	22.1	22.0
	4DE	22.6	23.2	23.9	23.3	22.6	21.3	20.2	19.9	21.3	23.2	22.3	22.1
	4EA	21.0	21.3	22.0	21.3	20.8	19.5	18.9	18.2	19.5	21.3	20.2	20.3
	4EB	19.6	19.9	20.6	20.0	19.5	18.1	17.6	16.9	18.2	20.0	18.9	19.0
	4EC	22.6	22.9	23.6	23.0	22.4	21.0	20.4	19.8	21.1	23.0	21.9	21.9
	4ED	23.5	23.9	24.6	24.1	23.3	21.9	20.9	20.5	21.9	23.9	23.0	22.8
	4FA	21.9	22.3	22.9	22.3	21.7	20.4	19.8	19.1	20.4	22.2	21.2	21.3
	4FB	25.3	25.9	26.6	25.9	25.2	23.9	22.7	22.5	23.8	25.7	24.8	24.8
	4GA	26.5	27.1	27.6	27.1	26.2	24.8	23.5	23.4	24.8	26.8	25.9	26.0
	4GB	27.3	27.8	28.5	28.1	27.0	25.7	24.4	24.3	25.6	27.6	26.9	26.8
	4GC	28.3	28.7	29.3	29.0	27.8	26.7	25.4	25.2	26.5	28.4	27.8	27.7
	4GD	27.7	28.0	28.7	28.4	27.1	26.0	24.7	24.5	25.8	27.7	27.2	27.0
	4GE	27.1	27.2	28.0	27.7	26.3	25.2	24.1	23.7	25.0	27.0	26.6	26.1
	4GF	27.3	27.5	28.2	28.0	26.4	25.4	24.3	23.9	25.1	27.1	26.7	26.2
	4GG	28.8	28.8	29.5	29.6	27.6	26.8	25.7	25.4	26.4	28.3	27.9	27.6
	4HA	24.4	24.6	25.4	24.9	23.7	22.5	21.5	21.0	22.4	24.4	23.8	23.3
	4HB	27.5	27.6	28.3	28.1	26.5	25.4	24.4	24.0	25.2	27.2	26.7	26.2
	4HC	27.9	28.0	28.6	28.3	26.6	25.5	24.6	24.1	25.3	27.3	26.9	26.4
	4JA	28.6	29.1	29.6	29.4	27.9	26.9	25.6	25.5	26.7	28.5	28.1	28.0
	4JB	28.8	29.1	29.7	29.9	27.8	27.0	25.9	25.7	26.7	28.5	28.2	28.0
	4KA	28.7	29.0	29.6	29.7	27.8	26.9	25.8	25.6	26.6	28.4	28.2	27.9
	4KB	28.6	28.8	29.4	29.6	27.6	26.8	25.7	25.5	26.5	28.3	28.1	27.8
ENNCA	5AA	16.5	17.3	17.8	16.8	16.5	15.6	14.7	14.9	15.7	16.3	16.0	16.0
	5AB	16.7	17.2	17.8	17.0	16.6	15.5	15.0	14.6	15.6	16.6	16.1	16.2
	5AC	18.7	19.5	20.0	19.1	18.8	17.8	17.0	17.2	18.0	18.5	18.2	18.3
	5AD	18.8	19.2	19.8	19.0	18.6	17.5	17.0	16.4	17.4	18.6	17.9	18.1
	5BA	17.3	17.7	18.4	17.6	17.1	16.0	15.5	14.9	16.1	17.5	16.7	16.7
	5BB	15.4	15.9	16.6	15.8	15.3	14.2	13.6	13.1	14.3	15.5	14.9	14.9
	5BC-1	17.0	17.4	18.1	17.3	16.9	15.7	15.3	14.6	15.7	17.1	16.4	16.4
	5BC-2	19.4	19.8	20.4	19.6	19.2	18.1	17.7	16.9	18.0	19.2	18.5	18.7
	5BD	17.7	18.1	18.7	17.9	17.5	16.4	16.0	15.3	16.4	17.6	17.0	17.1
	5BE	16.0	16.3	17.0	16.3	15.8	14.6	14.2	13.4	14.6	16.0	15.2	15.3
	5CA	18.3	19.3	19.7	18.8	18.5	17.7	16.9	17.0	17.8	18.2	17.9	18.1
	5CB	21.4	22.6	22.9	22.2	22.0	21.0	19.9	20.1	21.0	21.6	21.2	21.2
	5CC	21.3	22.6	22.8	22.2	22.0	21.1	19.7	20.2	21.0	21.5	21.1	21.2
	5DA	20.9	21.2	21.9	21.1	20.7	19.5	19.0	18.3	19.4	20.8	20.0	20.2
	5DB	19.6	19.9	20.6	19.8	19.4	18.3	17.9	17.1	18.2	19.5	18.7	18.9
	5DC	19.5	20.1	20.7	19.8	19.5	18.5	17.8	17.5	18.4	19.3	18.8	18.9
	5DD	22.6	23.0	23.6	22.8	22.4	21.4	20.9	20.1	21.2	22.3	21.7	21.9
	5EA	28.0	29.3	29.2	28.6	27.3	26.0	24.6	24.9	26.2	27.8	27.4	27.9
	5EB	27.5	29.0	28.7	28.0	26.7	25.4	24.0	24.4	25.9	27.3	26.8	27.5
	5EC	26.6	28.2	28.1	27.4	26.5	25.2	23.8	24.2	25.6	26.9	26.3	26.7
	5ED	26.7	27.6	27.9	27.2	26.3	24.9	23.8	23.6	25.0	26.8	26.0	26.4
	5FA	28.3	29.1	29.5	29.0	27.8	26.5	25.1	25.2	26.5	28.4	27.8	28.0
	5FB	28.9	29.9	30.0	29.6	28.2	26.9	25.7	25.8	27.0	28.8	28.3	28.7
	5G	26.7	28.2	28.0	27.3	26.0	24.7	23.2	23.7	25.1	26.6	26.1	26.7
	5HA	27.5	29.1	28.9	28.3	27.0	25.7	24.2	24.7	26.1	27.6	27.1	27.7
	5HB	26.4	28.2	27.9	27.1	26.0	24.7	22.9	23.7	25.2	26.5	26.0	26.5
	5J	26.2	28.2	27.9	27.3	26.5	25.4	23.5	24.6	25.8	26.6	26.2	26.5

Monthly Temperature by Sub-basin

Year 1992 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.5	21.3	22.5	21.1	20.2	19.8	18.9	19.3	19.4	19.8	19.8	20.2
	1AB	18.5	18.4	19.5	18.1	17.2	16.8	15.9	16.3	16.4	16.8	16.8	17.2
	1AC	22.0	21.8	23.0	21.6	20.7	20.3	19.4	19.8	19.9	20.3	20.2	20.6
	1AD	23.6	23.4	24.6	23.1	22.2	21.9	20.9	21.4	21.4	21.9	21.8	22.2
	1AE	24.2	24.1	25.2	23.8	22.9	22.5	21.6	22.1	22.1	22.5	22.5	22.9
	1AF	23.6	23.4	24.6	23.1	22.2	21.8	20.9	21.4	21.4	21.9	21.8	22.2
	1AG	23.8	23.5	24.7	23.3	22.4	22.0	21.1	21.5	21.6	22.0	22.0	22.4
	1AH	24.1	23.9	25.1	23.6	22.7	22.3	21.4	21.9	22.0	22.4	22.4	22.8
	1BA	17.0	17.0	18.0	16.8	15.8	15.6	14.6	15.0	15.0	15.5	15.4	15.9
	1BB	17.8	17.8	18.8	17.6	16.6	16.3	15.4	15.7	15.8	16.3	16.2	16.6
	1BC	18.9	18.8	19.8	18.6	17.6	17.3	16.4	16.8	16.8	17.3	17.2	17.6
	1BD	19.5	19.4	20.4	19.1	18.2	17.9	16.9	17.3	17.4	17.9	17.8	18.2
	1BE	19.2	19.1	20.2	18.9	17.9	17.6	16.7	17.1	17.1	17.6	17.5	17.9
	1BG	19.2	19.1	20.2	18.8	17.9	17.6	16.6	17.1	17.1	17.6	17.5	17.9
	1BH	18.8	18.6	19.7	18.4	17.5	17.1	16.2	16.6	16.7	17.1	17.0	17.5
	1CA	18.3	18.2	19.3	18.0	17.1	16.8	15.8	16.2	16.3	16.7	16.6	17.1
	1CB	18.1	18.0	19.1	17.8	16.9	16.6	15.6	16.0	16.1	16.5	16.4	16.9
	1CC	17.4	17.3	18.3	17.1	16.1	15.8	14.9	15.3	15.4	15.8	15.7	16.1
	1CD	19.3	19.1	20.2	18.9	18.0	17.6	16.7	17.1	17.2	17.6	17.5	17.9
	1CE	20.5	20.3	21.5	20.1	19.2	18.8	17.9	18.3	18.4	18.8	18.8	19.1
	1DA	21.6	21.4	22.6	21.2	20.3	19.9	18.9	19.4	19.5	19.8	19.9	20.2
	1DB	19.0	18.8	19.9	18.5	17.6	17.3	16.3	16.8	16.8	17.3	17.2	17.6
	1DC	22.5	22.3	23.5	22.0	21.2	20.8	19.8	20.3	20.3	20.7	20.7	21.1
	1DD	23.0	22.8	24.0	22.5	21.7	21.2	20.3	20.8	20.8	21.2	21.2	21.6
	1EA	20.8	20.6	21.8	20.3	19.5	19.0	18.1	18.5	18.6	19.0	19.0	19.4
	1EB	22.4	22.1	23.4	21.9	21.1	20.6	19.6	20.0	20.2	20.5	20.6	20.9
	1EC	22.3	22.1	23.4	21.8	21.0	20.5	19.6	20.0	20.1	20.5	20.5	20.9
	1ED	23.4	23.1	24.4	22.9	22.0	21.6	20.7	21.1	21.2	21.6	21.6	22.0
	1EE	24.0	23.8	25.0	23.5	22.6	22.2	21.3	21.8	21.9	22.3	22.2	22.6
	1EF	24.1	24.0	25.1	23.6	22.7	22.3	21.4	21.9	22.1	22.5	22.4	22.8
	1EG	23.6	23.4	24.6	23.0	22.2	21.7	20.8	21.3	21.5	21.9	21.9	22.2
	1FA	17.0	17.0	18.0	16.7	15.8	15.5	14.6	15.0	15.1	15.5	15.4	15.8
	1FB	19.3	19.1	20.2	18.8	17.9	17.6	16.7	17.1	17.2	17.6	17.5	17.9
	1FC	19.6	19.5	20.6	19.2	18.3	18.0	17.0	17.5	17.5	18.0	17.9	18.3
	1FD	18.8	18.7	19.8	18.4	17.5	17.2	16.3	16.7	16.8	17.2	17.1	17.6
	1FE	21.7	21.4	22.7	21.1	20.3	19.8	18.9	19.4	19.5	19.9	19.9	20.2
	1FF	22.4	22.1	23.4	21.8	20.9	20.4	19.6	20.1	20.2	20.6	20.6	21.0
	1FG	23.9	23.8	24.9	23.3	22.5	22.0	21.1	21.7	21.8	22.3	22.2	22.6
LVSCA	1GA	17.5	17.4	18.4	17.1	16.2	16.0	15.0	15.5	15.5	15.9	15.8	16.3
	1GB	20.7	20.6	21.7	20.3	19.4	19.1	18.2	18.7	18.7	19.1	19.0	19.5
	1GC	17.5	17.7	18.4	17.3	16.4	16.2	15.2	15.7	15.9	16.2	16.0	16.5
	1GD	22.4	22.3	23.3	21.9	21.1	20.8	19.9	20.4	20.6	20.9	20.7	21.2
	1GE	22.2	22.2	23.1	21.7	20.8	20.6	19.7	20.2	20.4	20.7	20.5	21.0
	1GF	23.4	23.3	24.3	22.8	21.9	21.6	20.7	21.3	21.4	21.8	21.7	22.1
	1GG	18.0	17.9	18.8	17.6	16.7	16.6	15.6	16.1	16.2	16.5	16.3	16.8
	1HA1	22.4	22.1	23.3	21.7	20.8	20.4	19.6	20.1	20.1	20.6	20.6	21.0
	1HA2	24.6	24.4	25.6	24.0	23.0	22.7	21.8	22.4	22.5	23.0	22.9	23.3
	1HB1	24.2	24.0	25.1	23.5	22.6	22.2	21.4	21.9	22.0	22.5	22.4	22.9
	1HB2	24.0	23.6	24.9	23.2	22.2	21.8	21.1	21.6	21.7	22.2	22.2	22.6
	1HC	24.4	24.3	25.4	23.8	22.9	22.5	21.6	22.2	22.3	22.8	22.7	23.1
	1HD	22.8	22.8	23.8	22.3	21.4	21.0	20.1	20.7	20.9	21.3	21.1	21.6
	1HE	23.0	23.0	24.0	22.5	21.6	21.2	20.3	20.9	21.1	21.5	21.3	21.8
	1HF	23.6	23.6	24.6	23.2	22.3	21.9	21.0	21.5	21.7	22.1	22.0	22.4
	1HG	23.5	23.5	24.5	23.0	22.1	21.7	20.8	21.3	21.6	22.0	21.9	22.3
	1JA	17.0	17.3	17.9	16.8	15.9	15.7	14.7	15.2	15.5	15.8	15.5	16.1
	1JB	19.2	19.3	20.0	18.8	18.0	17.8	16.8	17.4	17.6	17.8	17.5	18.1
	1JC	18.1	18.2	19.0	17.8	16.9	16.8	15.8	16.4	16.6	16.8	16.5	17.0
	1JD	20.3	20.3	21.2	19.9	19.0	18.9	17.9	18.5	18.7	18.9	18.7	19.2
	1JE	19.3	19.6	20.3	19.0	18.1	17.8	16.8	17.3	17.6	18.0	17.8	18.2
	1JF	18.6	18.9	19.6	18.4	17.5	17.2	16.2	16.7	17.0	17.4	17.1	17.6
	1JG1	21.7	21.7	22.6	21.2	20.4	20.1	19.1	19.7	19.9	20.3	20.1	20.5
	1JG2	23.7	23.6	24.7	23.1	22.2	21.9	21.0	21.6	21.7	22.1	22.0	22.5
	1KA	22.1	22.1	23.1	21.6	20.7	20.4	19.4	20.0	20.2	20.6	20.5	20.9
	1KB	22.0	22.1	23.0	21.6	20.7	20.3	19.4	19.9	20.2	20.6	20.4	20.9
	1KC	21.0	21.3	22.0	20.7	19.8	19.4	18.4	18.9	19.3	19.7	19.5	20.0
	1LA1	17.2	17.7	18.1	17.1	16.1	15.9	14.8	15.2	15.6	16.1	15.8	16.3
	1LA2	20.4	20.9	21.4	20.2	19.3	18.9	17.9	18.3	18.8	19.2	19.0	19.5
	1LA3	18.2	19.6	19.8	18.9	17.6	16.9	15.7	15.6	17.0	17.9	17.4	17.8
	1LB1	17.1	17.9	18.2	17.3	16.2	15.9	14.8	15.2	15.7	16.2	15.9	16.4
	1LB2	18.6	19.9	19.9	19.0	17.8	17.3	16.1	16.3	17.4	18.0	17.6	18.0

Monthly Temperature by Sub-basin

Year 1992 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.9	28.0	28.2	27.4	26.9	26.3	25.0	24.9	25.9	26.7	25.8	25.9
	2AB	27.7	28.7	29.0	28.2	28.0	27.4	26.1	26.2	27.0	27.7	26.8	26.9
	2BA	19.5	19.6	20.6	19.4	18.6	18.3	17.3	17.7	17.8	18.3	18.1	18.5
	2BB	24.0	24.3	25.2	24.2	23.6	23.2	22.2	22.4	22.6	23.2	22.9	23.2
	2BC	22.6	22.8	23.7	22.5	22.0	21.6	20.6	21.0	21.2	21.6	21.4	21.7
	2BD	26.5	27.3	27.9	27.2	27.1	26.6	25.4	25.6	26.1	26.7	26.0	26.2
	2CA	27.8	28.7	29.2	28.7	28.7	28.2	27.0	27.0	27.7	28.3	27.5	27.6
	2CB	21.4	21.4	22.4	21.3	20.2	20.0	19.1	19.4	19.5	20.0	19.8	20.3
	2CC	25.6	26.2	26.8	26.1	25.6	25.2	24.0	24.1	24.6	25.2	24.7	24.9
	2D	23.4	24.0	24.7	24.3	23.3	22.9	21.7	21.6	22.4	23.2	22.5	22.7
	2EA	18.7	19.5	19.9	19.8	18.4	18.2	17.0	16.9	17.4	18.3	17.8	18.3
	2EB	18.4	19.1	19.6	19.4	18.1	17.9	16.7	16.6	17.0	17.9	17.5	18.0
	2EC	17.8	18.7	18.9	18.6	17.3	17.1	15.9	15.9	16.5	17.2	16.8	17.3
	2ED	16.8	16.8	17.7	16.6	15.6	15.5	14.5	14.8	14.9	15.4	15.2	15.7
	2EE	21.8	22.0	22.8	21.9	20.8	20.7	19.6	19.9	20.0	20.6	20.4	20.9
	2EF	19.2	19.3	20.2	19.2	18.1	18.0	17.0	17.3	17.4	17.9	17.7	18.2
	2EG1	15.3	15.8	16.3	15.5	14.4	14.2	13.1	13.5	13.8	14.3	14.0	14.6
	2EG2	20.9	21.5	22.1	21.6	20.3	20.1	19.0	19.0	19.4	20.2	19.8	20.3
	2EH	22.7	22.9	23.7	22.8	21.7	21.5	20.5	20.8	20.9	21.5	21.3	21.7
	2EJ	19.8	20.5	21.2	21.0	19.6	19.3	18.1	17.9	18.7	19.7	19.1	19.3
	2EK	18.2	18.8	19.5	19.3	17.9	17.7	16.5	16.4	17.0	17.9	17.3	17.7
	2FA	16.4	17.5	17.9	17.6	16.2	15.8	14.5	14.3	15.3	16.3	15.7	16.2
	2FB	17.2	18.0	18.4	18.2	16.9	16.6	15.4	15.4	15.9	16.8	16.3	16.8
	2FC	16.0	16.9	17.3	16.9	15.7	15.3	14.1	14.1	14.8	15.7	15.2	15.6
	2GA	15.8	16.9	17.3	17.1	15.6	15.1	13.8	13.6	14.6	15.7	15.2	15.5
	2GB	13.9	15.0	15.5	15.3	13.8	13.3	12.0	11.7	12.8	13.9	13.3	13.7
	2GC	13.0	14.1	14.8	14.5	12.9	12.2	11.0	10.4	11.9	13.2	12.5	12.8
	2GD	15.4	16.8	17.2	16.6	15.1	14.3	13.0	12.7	14.3	15.5	14.9	15.1
	2H-1	20.6	22.1	22.6	21.7	20.1	19.2	18.0	17.5	19.4	20.7	20.1	20.2
	2H-2	21.2	22.7	23.3	22.4	20.7	19.9	18.6	18.0	20.0	21.4	20.8	20.8
	2H-3	20.6	22.1	22.8	21.9	20.1	19.3	18.0	17.5	19.5	20.9	20.3	20.3
	2J	27.0	27.8	28.3	27.4	27.1	26.5	25.3	25.4	26.1	26.8	26.1	26.1
	2KA	16.5	18.1	18.0	17.3	16.0	15.4	14.2	14.2	15.5	16.2	15.8	16.2
	2KB	19.0	20.6	20.8	20.0	18.5	17.7	16.4	16.2	17.9	19.0	18.5	18.7
	2KC	22.1	23.6	24.0	23.2	21.6	20.8	19.5	19.2	20.9	22.1	21.6	21.8
ACA	3AA	18.7	20.2	20.8	19.9	18.2	17.4	16.1	15.5	17.5	18.9	18.3	18.3
	3AB	19.0	20.6	21.3	20.4	18.6	17.7	16.4	16.0	17.9	19.4	18.8	18.7
	3AC	19.7	21.3	22.0	21.0	19.3	18.4	17.1	16.6	18.6	20.1	19.5	19.4
	3BA	18.5	20.0	20.6	19.7	18.0	17.1	15.8	15.3	17.3	18.7	18.1	18.1
	3BB	18.6	20.0	20.7	19.7	18.1	17.2	15.9	15.4	17.4	18.8	18.2	18.2
	3BC	17.1	18.6	19.3	18.3	16.6	15.8	14.5	14.0	15.9	17.3	16.7	16.7
	3BD	18.1	19.5	20.2	19.3	17.6	16.8	15.5	14.9	16.9	18.3	17.7	17.7
	3CB	18.9	20.4	21.0	20.1	18.5	17.6	16.3	15.7	17.7	19.1	18.5	18.5
	3DA	21.0	22.6	23.3	22.4	20.6	19.7	18.4	17.9	19.9	21.4	20.8	20.7
	3DB	22.1	23.9	24.6	23.6	21.8	20.8	19.5	19.1	21.1	22.6	22.0	21.7
	3EA	19.3	21.0	21.8	20.9	19.0	17.9	16.7	16.4	18.3	19.8	19.3	19.1
	3EB	20.4	22.1	22.9	21.9	20.1	19.0	17.7	17.4	19.3	20.9	20.3	20.1
	3EC	20.1	22.0	22.7	21.7	19.9	18.8	17.5	17.2	19.1	20.7	20.1	19.9
	3ED	22.4	24.4	25.0	24.0	22.2	21.1	19.8	19.6	21.4	23.0	22.3	22.1
	3FA	21.3	23.2	23.8	22.8	21.0	20.0	18.7	18.4	20.3	21.8	21.2	20.9
	3FB	23.9	25.9	26.1	25.4	23.6	22.5	21.2	21.0	22.6	24.1	23.8	23.5
	3G	22.9	24.6	24.8	24.2	22.3	21.3	20.0	19.7	21.3	22.7	22.6	22.4
	3HA	25.6	26.9	27.0	26.7	24.7	23.9	22.6	22.2	23.5	24.8	25.3	25.2
	3HB	26.5	27.4	27.6	27.5	25.6	24.9	23.6	23.3	24.5	25.5	26.3	26.4
	3HC	26.7	27.4	27.7	27.6	25.8	25.2	23.9	23.8	24.7	25.5	26.6	26.8
	3HD1	26.6	27.3	27.6	27.5	25.7	25.1	23.8	23.7	24.7	25.4	26.6	26.8
	3HD2	27.1	27.8	28.2	28.1	26.4	25.7	24.5	24.4	25.3	26.1	27.0	27.2
	3J	23.3	24.6	24.7	24.4	22.5	21.5	20.2	19.9	21.2	22.5	22.9	22.9
	3K	26.7	27.4	27.5	27.5	25.6	24.7	23.4	23.1	24.2	25.2	26.3	26.5
	3LA	25.9	26.7	26.9	26.8	24.9	24.1	22.8	22.5	23.6	24.7	25.7	25.8
	3LB	26.7	27.4	27.8	27.7	25.9	25.2	24.0	23.8	24.8	25.6	26.7	26.9
	3MA-1	24.1	25.2	25.2	25.0	23.1	22.2	20.9	20.6	21.8	23.0	23.7	23.7
	3MA-2	25.5	26.4	26.5	26.4	24.5	23.6	22.3	22.0	23.2	24.2	25.2	25.3
	3MB	26.2	27.0	27.0	27.0	25.1	24.2	22.9	22.6	23.7	24.7	25.8	26.0
	3MC	26.1	26.9	26.9	26.9	25.0	24.0	22.7	22.5	23.6	24.6	25.7	25.9
	3MD1	26.4	27.1	27.2	27.3	25.4	24.4	23.1	22.9	24.0	24.8	26.1	26.4
	3MD2	26.9	27.5	27.6	27.6	25.6	24.6	23.3	23.1	24.1	25.1	26.5	26.7
	3N	20.6	22.5	23.0	22.1	20.3	19.3	18.0	17.7	19.6	21.1	20.5	20.3

Monthly Temperature by Sub-basin

Year 1992 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.5	15.6	16.7	16.5	14.9	14.1	12.9	12.2	14.1	15.4	14.5	14.3
	4AB	15.2	16.3	17.2	17.1	15.5	14.7	13.5	12.8	14.5	15.9	15.1	15.0
	4AC	14.9	16.1	16.9	16.8	15.3	14.3	13.1	12.4	14.2	15.7	14.8	14.7
	4AD	15.2	16.5	17.3	17.1	15.5	14.5	13.3	12.6	14.4	15.9	15.0	15.0
	4BA	19.4	20.7	21.6	21.3	19.7	18.7	17.4	16.7	18.8	20.2	19.4	19.1
	4BB	16.4	17.6	18.7	18.4	16.7	15.8	14.6	13.9	15.9	17.3	16.4	16.1
	4BC	19.4	20.8	21.8	21.4	19.7	18.7	17.5	16.7	18.9	20.3	19.4	19.0
	4BD	17.5	18.8	19.5	19.1	17.6	16.6	15.2	14.5	16.6	18.0	17.2	17.1
	4BE	18.8	20.2	20.9	20.4	18.8	17.8	16.5	15.8	17.9	19.3	18.5	18.4
	4BF	20.7	22.2	23.0	22.3	20.6	19.7	18.4	17.7	19.8	21.3	20.5	20.3
	4BG	21.8	23.3	24.1	23.5	21.8	20.8	19.5	18.8	21.0	22.4	21.6	21.3
	4CA	15.3	16.7	17.4	16.7	15.1	14.2	12.9	12.3	14.2	15.6	15.0	15.0
	4CB	17.3	18.7	19.5	18.7	17.1	16.2	14.9	14.3	16.3	17.7	17.0	17.0
	4CC	21.0	22.6	23.3	22.5	20.7	19.8	18.5	17.9	20.0	21.4	20.8	20.5
	4DA	19.0	20.3	21.5	21.0	19.2	18.3	17.1	16.4	18.6	19.9	19.0	18.6
	4DB	17.1	18.4	19.6	19.2	17.4	16.6	15.3	14.6	16.8	18.0	17.2	16.7
	4DC	16.5	17.8	19.1	18.7	16.8	16.0	14.8	14.0	16.2	17.4	16.6	16.1
	4DD	21.6	22.9	24.1	23.7	21.8	20.8	19.7	19.0	21.2	22.5	21.7	21.2
	4DE	22.1	23.6	24.5	23.8	22.0	21.0	19.7	19.1	21.2	22.6	21.9	21.6
	4EA	19.3	20.3	21.6	21.3	19.6	18.9	17.8	17.2	19.2	20.4	19.4	19.0
	4EB	18.2	19.3	20.6	20.2	18.4	17.7	16.6	15.9	18.0	19.2	18.3	17.8
	4EC	21.3	22.6	23.8	23.4	21.5	20.6	19.5	18.8	21.0	22.3	21.4	20.9
	4ED	22.5	23.9	24.9	24.4	22.5	21.6	20.4	19.8	21.9	23.3	22.5	22.1
	4FA	20.1	21.1	22.3	22.1	20.4	19.7	18.7	18.1	20.1	21.3	20.2	19.8
	4FB	24.0	25.0	26.2	26.0	24.4	23.5	22.3	21.9	23.7	24.9	24.0	23.5
	4GA	25.5	26.5	27.5	27.3	25.8	24.8	23.5	23.4	25.0	26.2	25.4	24.9
	4GB	27.1	28.0	28.9	28.6	27.2	26.0	24.5	24.9	26.1	27.3	26.6	26.1
	4GC	28.8	29.7	30.4	30.1	28.8	27.4	25.6	27.0	27.3	28.4	28.1	27.5
	4GD	27.6	28.6	29.4	29.0	27.7	26.4	24.8	25.7	26.3	27.5	27.2	26.7
	4GE	26.5	27.8	28.6	28.1	26.5	25.4	24.0	24.4	25.5	26.7	26.4	25.9
	4GF	26.6	27.8	28.4	27.9	26.3	25.3	23.9	24.2	25.2	26.3	26.5	26.2
	4GG	27.0	27.7	28.3	28.1	26.5	25.8	24.7	24.6	25.4	26.2	27.1	27.2
	4HA	23.7	25.6	26.0	25.2	23.4	22.4	21.1	20.8	22.6	24.0	23.6	23.3
	4HB	26.5	27.8	28.2	27.7	26.0	25.1	23.8	23.7	25.0	26.1	26.5	26.3
	4HC	26.3	27.5	27.8	27.5	25.6	24.9	23.6	23.4	24.6	25.6	26.2	26.2
	4JA	28.7	29.5	30.2	29.8	28.5	27.3	25.8	26.7	27.1	28.1	28.0	27.6
	4JB	27.8	28.5	29.2	28.9	27.6	26.6	25.4	25.8	26.3	27.2	27.8	27.7
	4KA	28.1	28.8	29.5	29.1	27.8	26.8	25.5	26.1	26.5	27.4	27.9	27.7
	4KB	27.9	28.6	29.3	28.9	27.6	26.7	25.4	25.9	26.3	27.3	27.8	27.6
ENNCA	5AA	15.9	16.6	17.2	17.1	15.7	15.5	14.2	13.9	14.5	15.6	15.0	15.4
	5AB	15.9	16.8	17.4	17.4	15.8	15.4	14.2	13.8	14.8	15.9	15.3	15.5
	5AC	17.8	18.6	19.3	19.2	17.8	17.4	16.0	15.6	16.8	17.9	17.2	17.2
	5AD	17.6	18.6	19.4	19.3	17.7	17.2	16.1	15.5	16.8	18.0	17.3	17.3
	5BA	16.1	17.2	18.1	18.1	16.4	15.7	14.5	13.8	15.5	16.9	16.0	15.9
	5BB	14.4	15.4	16.3	16.2	14.6	13.9	12.7	12.1	13.6	14.9	14.1	14.1
	5BC-1	15.9	16.9	17.8	17.7	16.0	15.4	14.2	13.6	15.2	16.5	15.6	15.6
	5BC-2	18.2	19.1	20.1	20.0	18.3	17.7	16.6	16.0	17.5	18.8	17.9	17.8
	5BD	16.6	17.6	18.4	18.3	16.7	16.2	15.0	14.5	15.8	17.0	16.3	16.3
	5BE	14.6	15.6	16.6	16.5	14.8	14.2	13.1	12.5	14.2	15.4	14.5	14.3
	5CA	17.2	18.0	18.8	18.7	17.2	16.8	15.4	14.9	16.3	17.5	16.7	16.6
	5CB	19.9	20.8	21.6	21.5	20.0	19.4	18.3	17.8	19.2	20.3	19.4	19.4
	5CC	19.9	20.8	21.4	21.2	20.0	19.5	18.3	17.9	19.1	20.1	19.3	19.3
	5DA	19.2	20.1	21.3	21.2	19.5	18.9	17.8	17.2	19.0	20.2	19.2	18.9
	5DB	18.1	19.1	20.2	20.0	18.4	17.7	16.7	16.1	17.7	18.9	18.0	17.8
	5DC	18.4	19.2	20.1	20.0	18.4	17.9	16.7	16.1	17.6	18.8	18.0	17.9
	5DD	21.1	22.0	23.1	22.9	21.3	20.7	19.6	19.0	20.6	21.8	20.9	20.8
	5EA	28.7	29.7	29.7	28.8	27.6	26.6	25.2	25.0	26.3	27.1	26.5	26.2
	5EB	27.8	28.9	28.8	27.7	26.5	25.6	24.3	24.1	25.4	26.3	25.6	25.4
	5EC	25.7	26.6	27.0	26.3	25.1	24.4	23.0	22.7	24.1	25.1	24.2	24.1
	5ED	25.8	26.7	27.4	27.0	25.7	24.9	23.5	23.3	24.7	25.8	25.0	24.6
	5FA	28.3	29.2	29.9	29.5	28.2	27.0	25.6	26.1	26.9	28.0	27.5	27.0
	5FB	29.1	29.9	30.4	29.9	28.7	27.6	26.1	26.6	27.4	28.3	27.8	27.4
	5G	27.5	28.5	28.6	27.6	26.4	25.5	24.1	23.5	25.1	26.0	25.2	25.1
	5HA	28.6	29.7	30.2	29.6	28.5	27.6	26.1	24.6	27.1	27.8	27.0	27.0
	5HB	27.2	28.3	28.6	27.7	26.5	25.6	24.2	23.2	25.2	26.0	25.2	25.2
	5J	26.1	27.1	27.2	26.4	25.6	24.9	23.6	23.4	24.5	25.4	24.6	24.5

Monthly Temperature by Sub-basin

Year 1993 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.2	20.5	20.9	21.2	20.3	19.7	19.6	19.5	20.3	21.0	21.0	21.4
	1AB	17.3	17.5	17.9	18.3	17.4	16.7	16.7	16.5	17.3	18.0	18.0	18.4
	1AC	20.7	21.0	21.3	21.7	20.8	20.2	20.1	20.0	20.8	21.4	21.4	21.9
	1AD	22.3	22.6	22.9	23.3	22.4	21.7	21.7	21.6	22.4	23.0	23.0	23.5
	1AE	22.9	23.2	23.6	24.0	23.0	22.4	22.4	22.2	23.1	23.7	23.7	24.1
	1AF	22.3	22.5	22.9	23.3	22.4	21.7	21.7	21.5	22.3	23.0	23.0	23.5
	1AG	22.4	22.7	23.0	23.4	22.5	21.9	21.8	21.7	22.5	23.2	23.1	23.6
	1AH	22.7	23.1	23.4	23.8	22.9	22.3	22.2	22.1	22.9	23.6	23.6	24.0
	1BA	15.7	15.9	16.2	16.6	16.0	15.3	15.1	14.9	15.6	16.3	16.5	16.7
	1BB	16.4	16.6	17.0	17.3	16.6	16.0	15.8	15.6	16.3	17.0	17.3	17.5
	1BC	17.5	17.7	18.0	18.4	17.7	17.0	16.8	16.6	17.4	18.1	18.3	18.5
	1BD	18.1	18.5	18.8	19.2	18.5	17.8	17.7	17.6	18.3	19.0	18.9	19.3
	1BE	17.9	18.2	18.6	18.9	18.2	17.5	17.4	17.3	18.1	18.7	18.7	19.1
	1BG	18.0	18.3	18.6	19.0	18.1	17.5	17.4	17.3	18.1	18.7	18.7	19.2
	1BH	17.5	17.8	18.2	18.5	17.6	17.0	16.9	16.8	17.6	18.3	18.2	18.7
	1CA	16.9	17.4	17.7	18.1	17.4	16.7	16.6	16.5	17.2	17.8	17.8	18.2
	1CB	16.8	17.1	17.4	17.8	17.1	16.5	16.3	16.2	16.9	17.5	17.5	17.9
	1CC	16.0	16.3	16.7	17.0	16.4	15.7	15.6	15.5	16.2	16.7	16.8	17.1
	1CD	18.0	18.3	18.6	19.0	18.1	17.5	17.4	17.3	18.0	18.7	18.7	19.1
	1CE	19.3	19.5	19.9	20.2	19.3	18.7	18.6	18.5	19.2	19.9	19.9	20.4
	1DA	20.4	20.6	20.9	21.3	20.4	19.8	19.7	19.5	20.2	20.9	20.9	21.5
	1DB	17.7	18.0	18.3	18.7	17.8	17.2	17.1	17.0	17.7	18.4	18.4	18.9
	1DC	21.3	21.5	21.8	22.2	21.3	20.6	20.5	20.4	21.1	21.8	21.8	22.3
	1DD	21.7	22.0	22.3	22.7	21.8	21.1	21.0	20.9	21.7	22.4	22.4	22.8
	1EA	19.7	19.8	20.1	20.5	19.5	18.9	18.8	18.6	19.3	20.0	20.0	20.6
	1EB	21.4	21.4	21.7	22.1	21.1	20.5	20.3	20.1	20.7	21.5	21.5	22.1
	1EC	21.2	21.3	21.6	22.0	21.1	20.4	20.3	20.1	20.8	21.5	21.5	22.1
	1ED	22.1	22.3	22.6	23.0	22.1	21.5	21.4	21.2	22.0	22.7	22.7	23.2
	1EE	22.6	22.9	23.2	23.7	22.7	22.1	22.1	21.9	22.8	23.5	23.4	23.9
	1EF	22.7	23.1	23.5	23.9	23.0	22.3	22.3	22.2	23.1	23.7	23.7	24.1
	1EG	22.2	22.5	22.8	23.3	22.3	21.7	21.7	21.5	22.4	23.1	23.0	23.5
	1FA	15.6	16.1	16.4	16.8	16.2	15.5	15.4	15.2	16.0	16.6	16.5	16.9
	1FB	18.0	18.3	18.6	19.0	18.1	17.5	17.4	17.3	18.0	18.7	18.7	19.1
	1FC	18.3	18.6	18.9	19.3	18.5	17.8	17.8	17.6	18.4	19.1	19.1	19.5
	1FD	17.5	17.8	18.2	18.5	17.7	17.1	17.0	16.9	17.7	18.3	18.3	18.7
	1FE	20.3	20.5	20.8	21.3	20.3	19.7	19.6	19.5	20.2	21.0	21.0	21.4
	1FF	20.8	21.1	21.3	21.9	21.0	20.3	20.4	20.1	21.1	21.8	21.8	22.2
	1FG	22.4	22.8	23.1	23.6	22.7	22.0	22.0	21.9	22.8	23.5	23.4	23.8
LVSCA	1GA	16.1	16.5	16.8	17.1	16.5	15.9	15.7	15.7	16.5	16.9	17.0	17.3
	1GB	19.3	19.7	20.0	20.4	19.5	18.9	18.9	18.8	19.6	20.2	20.2	20.6
	1GC	16.3	16.6	17.0	17.2	16.8	16.2	15.9	15.9	16.7	17.0	17.2	17.4
	1GD	21.0	21.4	21.8	22.0	21.2	20.6	20.6	20.6	21.4	21.9	22.0	22.3
	1GE	20.8	21.2	21.6	21.8	21.0	20.4	20.4	20.4	21.2	21.7	21.7	22.1
	1GF	21.8	22.3	22.6	22.9	22.1	21.5	21.5	21.4	22.4	22.9	22.9	23.2
	1GG	16.6	17.0	17.4	17.6	17.0	16.4	16.3	16.3	17.0	17.4	17.5	17.8
	1HA1	20.6	21.0	21.2	21.8	20.9	20.2	20.3	20.0	21.1	21.9	21.8	22.1
	1HA2	22.8	23.3	23.5	24.1	23.2	22.5	22.6	22.4	23.5	24.2	24.1	24.4
	1HB1	22.5	22.9	23.2	23.7	22.8	22.1	22.2	22.0	23.0	23.7	23.7	24.0
	1HB2	21.9	22.4	22.6	23.3	22.3	21.6	21.9	21.5	22.7	23.5	23.4	23.7
	1HC	22.8	23.3	23.6	24.1	23.2	22.5	22.6	22.4	23.4	24.0	23.9	24.3
	1HD	21.1	21.8	22.2	22.5	21.7	21.0	21.0	21.0	22.0	22.5	22.4	22.7
	1HE	21.3	22.1	22.5	22.8	22.0	21.3	21.2	21.3	22.3	22.8	22.6	23.0
	1HF	22.1	22.7	23.1	23.4	22.6	21.9	21.9	21.9	22.9	23.4	23.3	23.7
	1HG	21.9	22.6	22.9	23.3	22.5	21.8	21.8	21.7	22.7	23.3	23.2	23.5
	1JA	15.8	16.1	16.6	16.7	16.3	15.6	15.1	15.4	16.1	16.5	16.5	17.1
	1JB	18.0	18.3	18.7	18.8	18.3	17.7	17.5	17.6	18.4	18.6	18.8	19.1
	1JC	16.9	17.3	17.7	17.8	17.2	16.7	16.5	16.6	17.4	17.6	17.7	18.0
	1JD	19.0	19.4	19.8	19.9	19.2	18.7	18.5	18.6	19.4	19.7	19.8	20.2
	1JE	18.0	18.5	18.9	19.2	18.5	17.7	17.4	17.6	18.5	19.1	19.0	19.6
	1JF	17.3	17.7	18.1	18.4	17.8	17.1	16.7	16.9	17.8	18.2	18.2	18.8
	1JG1	20.2	20.8	21.1	21.4	20.6	20.0	19.9	20.0	20.9	21.4	21.3	21.7
	1JG2	22.0	22.6	22.9	23.3	22.5	21.8	21.8	21.8	22.8	23.4	23.2	23.6
	1KA	20.5	21.3	21.8	22.0	21.2	20.5	20.4	20.6	21.5	22.0	21.7	22.1
	1KB	20.5	21.2	21.6	21.9	21.2	20.5	20.3	20.4	21.4	21.9	21.7	22.1
	1KC	19.7	20.2	20.6	21.0	20.3	19.5	19.2	19.4	20.3	20.9	20.8	21.4
	1LA1	16.0	16.3	16.7	17.0	16.6	15.8	15.2	15.5	16.2	16.8	16.7	17.5
	1LA2	19.2	19.7	20.0	20.5	19.8	19.0	18.5	18.8	19.7	20.3	20.2	21.0
	1LA3	17.5	17.7	18.3	18.9	18.3	17.0	15.9	16.4	17.3	18.5	18.3	18.7
	1LB1	16.2	16.4	16.8	17.2	16.9	15.9	15.2	15.6	16.3	16.9	16.8	17.8
	1LB2	18.0	18.3	18.6	19.1	18.6	17.6	16.7	17.2	18.0	18.8	18.6	19.5

Monthly Temperature by Sub-basin

Year 1993 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	25.7	26.7	27.2	27.2	26.1	25.5	24.7	24.9	25.7	26.7	26.2	26.5
	2AB	26.6	27.4	28.0	28.3	27.0	26.7	25.9	26.1	26.9	27.9	27.1	27.5
	2BA	18.2	18.4	18.8	19.3	18.5	17.9	17.7	17.5	18.3	19.0	19.1	19.3
	2BB	22.9	23.0	23.6	24.1	23.3	22.8	22.4	22.2	23.0	23.9	23.7	23.8
	2BC	21.3	21.6	22.1	22.6	21.6	21.2	21.0	20.8	21.6	22.4	22.2	22.5
	2BD	25.5	26.0	26.7	27.4	26.1	26.0	25.4	25.3	26.2	27.2	26.4	26.5
	2CA	27.0	27.6	28.3	28.9	27.6	27.5	26.8	26.8	27.6	28.6	27.7	27.8
	2CB	20.1	20.2	20.6	20.8	20.5	19.8	19.3	19.3	19.8	20.4	20.5	20.7
	2CC	24.6	25.1	25.5	25.9	25.2	24.7	24.0	24.0	24.7	25.6	25.2	25.3
	2D	22.5	23.1	23.5	23.9	23.5	22.7	21.9	22.0	22.7	23.6	23.4	23.3
	2EA	18.4	18.5	19.0	19.3	19.3	18.4	17.7	17.7	18.4	19.1	19.1	19.0
	2EB	18.0	18.0	18.6	18.8	18.9	18.0	17.2	17.2	17.9	18.6	18.8	18.6
	2EC	17.4	17.6	18.1	18.3	18.4	17.5	16.9	16.9	17.6	18.1	18.1	18.2
	2ED	15.4	15.7	16.1	16.3	16.1	15.3	15.0	14.9	15.6	16.1	16.2	16.3
	2EE	20.7	20.8	21.3	21.4	21.3	20.5	20.0	20.0	20.5	21.1	21.2	21.3
	2EF	18.0	18.1	18.6	18.8	18.7	17.9	17.5	17.4	18.0	18.5	18.6	18.7
	2EG1	14.2	14.4	14.9	15.1	15.1	14.2	13.6	13.7	14.3	14.8	14.9	15.4
	2EG2	20.2	20.4	20.9	21.1	21.1	20.2	19.6	19.6	20.3	20.9	20.9	21.0
	2EH	21.5	21.7	22.1	22.3	22.1	21.4	20.9	20.8	21.4	21.9	22.1	22.2
	2EJ	19.3	19.5	20.1	20.4	20.4	19.4	18.5	18.7	19.4	20.3	20.2	20.0
	2EK	17.9	17.9	18.5	18.8	18.8	17.9	17.0	17.1	17.8	18.6	18.6	18.5
	2FA	16.3	16.5	17.0	17.4	17.5	16.4	15.5	15.7	16.4	17.2	17.0	17.0
	2FB	17.1	17.3	17.9	18.1	18.3	17.3	16.8	16.8	17.5	17.9	17.7	17.8
	2FC	15.8	16.0	16.5	16.8	16.9	15.9	15.2	15.3	16.0	16.6	16.4	16.6
	2GA	15.7	15.8	16.3	16.8	16.8	15.7	14.7	14.9	15.7	16.6	16.4	16.3
	2GB	13.8	13.8	14.5	14.9	14.9	13.8	12.7	13.0	13.7	14.8	14.6	14.3
	2GC	12.7	12.9	13.6	14.1	14.0	12.6	11.4	11.9	12.8	14.0	13.5	13.3
	2GD	15.0	15.2	15.8	16.4	16.1	14.7	13.5	14.0	14.9	16.1	15.7	15.7
	2H-1	19.8	19.9	20.9	21.5	20.9	19.1	17.7	18.5	19.5	21.1	20.7	20.6
	2H-2	20.3	20.5	21.6	22.2	21.5	19.7	18.2	19.1	20.2	21.8	21.3	21.1
	2H-3	19.8	19.9	21.0	21.7	21.0	19.2	17.6	18.6	19.6	21.3	20.8	20.5
	2J	25.9	26.8	27.1	27.5	26.2	25.8	25.2	25.3	26.1	27.1	26.4	26.8
	2KA	16.1	16.2	16.5	17.2	16.9	15.6	14.4	14.9	15.7	16.7	16.6	17.2
	2KB	18.3	18.4	19.0	19.8	19.3	17.6	16.1	16.9	17.8	19.3	19.0	19.2
	2KC	21.4	21.5	22.2	22.9	22.4	20.6	19.2	20.0	20.9	22.5	22.2	22.0
ACA	3AA	17.8	17.9	19.0	19.6	18.9	17.2	15.7	16.6	17.6	19.3	18.8	18.6
	3AB	18.3	18.3	19.4	20.2	19.5	17.7	16.0	17.0	18.0	19.8	19.3	19.0
	3AC	18.9	18.9	20.1	20.8	20.1	18.4	16.7	17.7	18.7	20.4	20.0	19.7
	3BA	17.6	17.8	18.9	19.5	18.8	17.0	15.6	16.4	17.5	19.1	18.6	18.4
	3BB	17.7	17.8	19.0	19.6	18.9	17.1	15.6	16.5	17.5	19.2	18.7	18.5
	3BC	16.3	16.4	17.5	18.1	17.5	15.7	14.2	15.1	16.1	17.8	17.3	17.0
	3BD	17.2	17.3	18.5	19.1	18.4	16.6	15.1	16.0	17.1	18.7	18.2	18.0
	3CB	18.1	18.2	19.3	19.9	19.2	17.5	16.0	16.9	17.9	19.6	19.0	18.8
	3DA	20.2	20.2	21.4	22.2	21.4	19.7	18.0	19.0	19.9	21.7	21.3	21.0
	3DB	21.4	21.3	22.7	23.4	22.7	21.0	19.1	20.1	21.0	22.9	22.6	22.2
	3EA	18.7	18.6	19.8	20.6	19.9	18.2	16.3	17.3	18.3	20.2	19.8	19.4
	3EB	19.7	19.7	20.9	21.7	21.0	19.3	17.4	18.4	19.3	21.2	20.9	20.5
	3EC	19.5	19.4	20.8	21.6	20.8	19.1	17.2	18.2	19.1	21.0	20.8	20.3
	3ED	21.8	21.7	23.1	23.9	23.2	21.4	19.6	20.5	21.4	23.2	23.1	22.6
	3FA	20.6	20.6	22.0	22.8	22.0	20.2	18.4	19.3	20.2	22.1	22.0	21.4
	3FB	23.1	23.2	24.8	25.5	24.7	22.8	21.1	21.6	22.5	24.3	24.9	24.1
	3G	22.1	22.1	23.7	24.2	23.4	21.6	19.9	20.4	21.2	23.0	23.7	23.0
	3HA	24.7	24.8	26.3	26.6	25.7	23.8	22.5	22.6	23.3	25.0	26.2	25.6
	3HB	26.1	26.3	27.4	27.5	26.4	24.8	23.7	24.0	24.4	25.7	26.9	26.8
	3HC	26.5	26.9	27.6	27.8	26.5	25.0	24.1	24.4	24.8	25.9	26.9	27.2
	3HD1	26.5	26.9	27.5	27.8	26.4	24.9	24.0	24.3	24.7	25.8	26.8	27.1
	3HD2	26.9	27.3	27.9	28.2	26.9	25.4	24.5	24.9	25.2	26.3	27.1	27.6
	3J	22.6	22.7	24.1	24.5	23.6	21.7	20.3	20.6	21.3	23.0	24.0	23.4
	3K	26.5	26.7	27.5	27.7	26.6	25.0	24.0	24.2	24.5	25.8	26.9	27.1
	3LA	25.4	25.7	26.7	26.9	25.8	24.2	23.1	23.3	23.7	25.1	26.3	26.2
	3LB	26.7	27.0	27.6	27.9	26.6	25.1	24.2	24.4	24.8	26.0	26.9	27.3
	3MA-1	23.4	23.5	24.9	25.1	24.1	22.3	21.1	21.3	21.8	23.4	24.6	24.2
	3MA-2	25.1	25.4	26.4	26.5	25.4	23.8	22.8	23.0	23.3	24.7	25.8	25.8
	3MB	26.0	26.3	27.1	27.3	26.1	24.5	23.5	23.7	24.1	25.3	26.4	26.6
	3MC	25.9	26.2	27.0	27.2	26.0	24.4	23.4	23.6	24.0	25.2	26.3	26.5
	3MD1	26.4	26.6	27.3	27.5	26.3	24.8	23.8	23.8	24.3	25.5	26.5	26.9
	3MD2	26.8	27.1	27.7	27.9	26.8	25.2	24.3	24.2	24.7	25.9	26.9	27.3
	3N	19.9	19.9	21.3	22.0	21.3	19.5	17.8	18.6	19.5	21.3	21.3	20.8

Monthly Temperature by Sub-basin

Year 1993 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.1	14.2	15.1	15.9	15.6	14.2	12.2	13.2	14.2	15.9	15.2	14.5
	4AB	14.9	15.0	15.8	16.5	16.4	15.0	13.1	14.0	15.0	16.6	15.9	15.4
	4AC	14.7	14.7	15.5	16.3	16.1	14.6	12.8	13.7	14.7	16.3	15.6	15.2
	4AD	14.8	14.9	15.8	16.5	16.3	14.7	12.9	13.8	14.8	16.5	15.7	15.3
	4BA	18.9	19.0	20.0	20.8	20.4	18.8	16.8	17.9	19.0	20.8	19.9	19.4
	4BB	15.9	16.0	17.0	17.8	17.4	15.9	14.0	15.0	16.1	17.8	17.1	16.3
	4BC	18.8	19.0	20.1	20.9	20.4	18.8	16.8	17.9	19.0	20.8	20.0	19.3
	4BD	16.8	16.9	17.9	18.7	18.3	16.6	14.7	15.7	16.8	18.6	17.8	17.4
	4BE	18.1	18.2	19.3	20.0	19.5	17.8	16.0	17.0	18.1	19.9	19.1	18.7
	4BF	20.0	20.1	21.2	21.9	21.3	19.6	17.9	18.9	20.0	21.7	21.0	20.5
	4BG	21.0	21.1	22.3	23.0	22.5	20.8	18.9	19.9	21.0	22.8	22.1	21.6
	4CA	14.7	14.8	15.8	16.4	15.8	14.1	12.6	13.4	14.5	16.2	15.6	15.3
	4CB	16.6	16.8	17.8	18.4	17.8	16.1	14.5	15.4	16.5	18.2	17.6	17.3
	4CC	20.2	20.2	21.4	22.1	21.5	19.8	18.0	19.0	20.0	21.8	21.3	20.9
	4DA	18.4	18.6	19.7	20.5	19.9	18.4	16.4	17.5	18.6	20.4	19.7	18.8
	4DB	16.5	16.7	17.9	18.6	18.0	16.5	14.6	15.6	16.7	18.5	17.8	16.9
	4DC	15.9	16.2	17.3	18.1	17.4	16.0	14.0	15.0	16.1	17.9	17.3	16.3
	4DD	20.9	21.2	22.3	23.1	22.5	21.0	19.0	20.1	21.2	23.0	22.3	21.4
	4DE	21.3	21.4	22.5	23.4	22.8	21.1	19.1	20.2	21.2	23.1	22.5	21.9
	4EA	18.6	19.0	20.0	20.8	20.1	18.8	17.2	18.1	19.1	20.8	20.2	19.2
	4EB	17.5	17.9	18.9	19.7	19.0	17.7	15.9	16.9	17.9	19.7	19.0	18.1
	4EC	20.6	20.9	22.1	22.9	22.2	20.7	18.8	19.8	20.9	22.7	22.0	21.1
	4ED	21.8	22.0	23.1	23.9	23.3	21.8	19.8	20.9	21.9	23.8	23.2	22.3
	4FA	19.4	19.9	20.8	21.6	21.0	19.7	18.1	19.0	20.0	21.6	21.1	20.0
	4FB	23.2	23.8	24.8	25.6	24.9	23.4	21.8	22.6	23.6	25.3	24.8	23.8
	4GA	24.6	25.2	26.2	27.0	26.2	24.6	23.1	23.9	24.8	26.6	26.1	25.2
	4GB	25.9	26.8	27.8	28.5	27.6	25.8	24.4	25.0	25.8	27.6	27.3	26.5
	4GC	27.4	28.7	29.8	30.3	29.0	26.9	26.0	26.2	26.8	28.5	28.7	28.1
	4GD	26.5	27.5	28.6	29.2	28.1	26.1	24.9	25.3	26.1	27.8	27.9	27.2
	4GE	25.7	26.4	27.5	28.2	27.2	25.3	23.9	24.5	25.3	27.0	27.1	26.4
	4GF	25.8	26.4	27.5	28.1	27.0	25.1	23.8	24.4	25.0	26.6	27.0	26.6
	4GG	26.7	27.2	27.9	28.4	27.0	25.4	24.5	24.9	25.1	26.5	27.2	27.5
	4HA	22.9	23.0	24.4	25.2	24.4	22.6	20.8	21.6	22.5	24.3	24.4	23.8
	4HB	25.8	26.1	27.4	27.9	26.8	25.0	23.6	24.2	24.7	26.3	27.1	26.6
	4HC	25.8	26.0	27.2	27.5	26.4	24.6	23.4	23.7	24.3	25.8	26.8	26.6
	4JA	27.6	28.7	29.6	30.0	28.7	26.8	25.9	26.1	26.5	28.0	28.3	28.3
	4JB	27.2	28.0	28.8	29.4	28.0	26.2	25.3	25.7	25.8	27.5	28.0	28.1
	4KA	27.3	28.2	29.0	29.6	28.2	26.3	25.5	25.7	26.0	27.6	28.1	28.1
	4KB	27.2	28.0	28.8	29.5	28.0	26.2	25.3	25.6	25.9	27.5	28.0	28.1
ENNCA	5AA	15.4	15.4	16.0	16.3	16.4	15.4	14.5	14.5	15.2	16.1	16.3	15.9
	5AB	15.5	15.6	16.2	16.7	16.6	15.6	14.5	14.7	15.5	16.5	16.5	16.1
	5AC	17.4	17.5	18.2	18.6	18.6	17.5	16.4	16.7	17.5	18.5	18.4	18.0
	5AD	17.4	17.5	18.2	18.7	18.6	17.5	16.4	16.7	17.5	18.6	18.4	18.0
	5BA	15.8	15.9	16.7	17.4	17.3	16.0	14.2	14.9	15.9	17.5	16.9	16.3
	5BB	14.3	14.3	15.1	15.7	15.5	14.2	12.8	13.4	14.3	15.6	15.2	14.8
	5BC-1	15.5	15.6	16.4	17.0	16.9	15.7	14.0	14.6	15.5	17.0	16.6	16.0
	5BC-2	17.6	17.8	18.6	19.3	19.2	18.1	16.3	16.9	17.8	19.2	18.9	18.2
	5BD	16.5	16.5	17.3	17.7	17.6	16.5	15.4	15.7	16.5	17.7	17.5	17.0
	5BE	14.0	14.2	15.1	15.8	15.7	14.5	12.5	13.3	14.2	15.8	15.4	14.5
	5CA	16.8	17.0	17.7	18.2	18.1	17.0	15.9	16.2	17.0	18.2	17.9	17.4
	5CB	19.2	19.7	20.2	20.7	20.4	19.3	17.9	18.5	19.3	20.6	20.3	19.8
	5CC	19.1	19.9	20.2	20.5	20.2	19.2	18.0	18.4	19.2	20.3	20.1	19.7
	5DA	18.5	18.9	19.8	20.6	20.2	19.1	17.2	18.0	19.0	20.6	20.1	19.1
	5DB	17.5	17.8	18.6	19.4	19.2	18.0	16.1	16.8	17.8	19.3	18.9	18.0
	5DC	17.8	18.0	18.8	19.4	19.3	18.1	16.7	17.2	18.0	19.3	19.0	18.4
	5DD	20.5	20.8	21.5	22.2	22.0	20.9	19.1	19.8	20.7	22.2	21.8	21.0
	5EA	27.2	28.8	29.0	28.0	26.9	25.7	24.8	25.1	25.6	26.6	26.8	27.5
	5EB	26.2	27.7	28.0	27.1	26.0	24.8	23.8	24.3	24.8	25.8	25.9	26.7
	5EC	24.2	25.9	25.7	25.5	24.9	23.7	22.5	23.0	23.7	25.0	24.7	24.8
	5ED	24.6	25.7	26.2	26.4	25.7	24.4	23.1	23.6	24.3	25.8	25.5	25.1
	5FA	27.0	28.2	29.1	29.3	28.2	26.5	25.5	25.8	26.3	28.0	28.0	27.6
	5FB	27.7	29.1	29.7	29.6	28.5	27.0	26.1	26.2	26.6	27.9	28.1	28.2
	5G	26.2	27.7	27.8	26.6	25.5	24.4	23.5	24.1	24.8	25.7	25.7	26.4
	5HA	27.9	29.2	29.5	28.3	26.9	26.2	25.4	26.1	27.0	27.7	27.6	27.9
	5HB	26.2	27.6	27.8	26.6	25.3	24.4	23.6	24.2	25.0	25.8	25.8	26.3
	5J	24.6	26.2	26.2	25.9	25.0	24.1	23.1	23.5	24.2	25.3	24.9	25.3

Monthly Temperature by Sub-basin

Year 1994 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.7	21.5	21.2	20.8	20.0	19.6	19.2	19.7	20.3	21.1	20.3	20.4
	1AB	18.7	18.6	18.3	17.8	17.0	16.6	16.3	16.7	17.5	18.1	17.4	17.4
	1AC	22.1	22.0	21.7	21.3	20.4	20.0	19.7	20.2	20.7	21.6	20.9	20.8
	1AD	23.7	23.6	23.2	22.8	22.0	21.6	21.3	21.8	22.3	23.2	22.4	22.4
	1AE	24.4	24.3	23.9	23.5	22.7	22.3	22.0	22.4	22.9	23.8	23.0	23.1
	1AF	23.7	23.6	23.2	22.8	22.0	21.6	21.3	21.8	22.3	23.2	22.4	22.4
	1AG	23.9	23.7	23.3	23.0	22.1	21.7	21.4	21.9	22.6	23.4	22.6	22.6
	1AH	24.3	24.2	23.7	23.4	22.5	22.1	21.8	22.3	22.8	23.7	22.9	22.9
	1BA	16.9	17.2	16.9	16.5	15.5	15.3	14.8	15.2	15.8	16.5	15.9	15.8
	1BB	17.7	18.0	17.7	17.3	16.3	16.0	15.5	15.9	16.7	17.3	16.7	16.6
	1BC	18.7	19.1	18.8	18.3	17.3	17.0	16.5	17.0	18.4	18.5	17.9	17.6
	1BD	19.4	19.6	19.3	18.8	17.9	17.6	17.2	17.6	18.1	19.0	18.3	18.2
	1BE	19.3	19.4	19.1	18.6	17.7	17.3	16.9	17.4	18.5	18.7	18.0	18.0
	1BG	19.5	19.4	19.1	18.6	17.7	17.4	17.0	17.4	18.2	18.8	18.1	18.1
	1BH	19.0	18.9	18.6	18.1	17.3	16.9	16.5	17.0	17.7	18.4	17.6	17.7
	1CA	18.2	18.4	18.2	17.7	16.8	16.5	16.0	16.4	16.9	17.8	17.2	17.1
	1CB	18.1	18.1	17.9	17.5	16.6	16.3	15.8	16.3	16.7	17.6	17.0	16.9
	1CC	17.3	17.4	17.2	16.8	15.8	15.6	15.1	15.5	15.9	16.8	16.2	16.1
	1CD	19.3	19.3	19.0	18.6	17.7	17.3	17.0	17.4	18.0	18.9	18.1	18.1
	1CE	20.6	20.5	20.2	19.8	19.0	18.6	18.2	18.7	19.2	20.1	19.4	19.4
	1DA	21.7	21.6	21.3	20.8	20.0	19.6	19.3	19.8	20.5	21.4	20.6	20.4
	1DB	19.1	19.0	18.7	18.2	17.4	17.0	16.7	17.2	17.9	18.6	17.8	17.8
	1DC	22.6	22.4	22.1	21.7	20.9	20.5	20.2	20.7	21.4	22.3	21.5	21.3
	1DD	23.1	22.9	22.6	22.2	21.4	21.0	20.7	21.2	21.9	22.7	21.9	21.8
	1EA	20.8	20.7	20.4	20.0	19.2	18.7	18.4	19.0	19.9	20.7	19.9	19.6
	1EB	22.3	22.2	21.9	21.5	20.7	20.3	19.9	20.5	21.7	22.4	21.6	21.1
	1EC	22.3	22.2	21.9	21.5	20.7	20.3	19.9	20.5	21.4	22.2	21.4	21.1
	1ED	23.4	23.3	22.9	22.5	21.7	21.3	21.0	21.5	22.3	23.2	22.3	22.1
	1EE	24.1	24.0	23.5	23.2	22.4	22.0	21.7	22.1	22.8	23.7	22.8	22.8
	1EF	24.4	24.3	23.8	23.4	22.6	22.2	21.9	22.3	22.9	23.7	22.9	23.0
	1EG	23.7	23.6	23.2	22.8	22.0	21.6	21.3	21.7	22.5	23.3	22.4	22.4
	1FA	16.9	17.0	16.9	16.5	15.5	15.2	14.8	15.2	15.6	16.5	15.9	15.8
	1FB	19.4	19.2	18.9	18.5	17.7	17.3	17.0	17.5	18.0	18.8	18.1	18.1
	1FC	19.8	19.6	19.3	18.9	18.1	17.7	17.4	17.8	18.4	19.2	18.5	18.5
	1FD	19.0	18.8	18.6	18.2	17.3	17.0	16.7	17.1	17.5	18.3	17.6	17.7
	1FE	21.7	21.5	21.2	20.8	19.9	19.5	19.2	19.8	20.7	21.5	20.6	20.4
	1FF	22.4	22.3	21.8	21.4	20.6	20.2	19.9	20.4	21.4	22.2	21.1	21.1
	1FG	24.1	24.0	23.5	23.1	22.3	21.9	21.6	22.1	22.7	23.5	22.6	22.7
LVSCA	1GA	17.6	17.4	17.2	16.9	16.0	15.7	15.3	15.7	16.0	16.8	16.2	16.3
	1GB	20.9	20.8	20.4	20.0	19.2	18.9	18.5	18.9	19.4	20.1	19.4	19.6
	1GC	17.7	17.5	17.5	17.2	16.2	16.0	15.5	15.8	16.2	16.8	16.4	16.4
	1GD	22.6	22.4	22.1	21.8	20.9	20.7	20.3	20.7	21.1	21.7	21.1	21.3
	1GE	22.4	22.2	21.9	21.6	20.7	20.5	20.1	20.4	20.9	21.4	20.8	21.0
	1GF	23.6	23.4	23.0	22.6	21.8	21.5	21.1	21.5	22.1	22.7	21.9	22.2
	1GG	18.1	18.0	17.8	17.5	16.5	16.3	15.9	16.2	16.5	17.2	16.7	16.8
	1HA1	22.3	22.2	21.7	21.3	20.5	20.1	19.8	20.3	21.2	22.0	20.9	21.0
	1HA2	24.7	24.5	24.1	23.7	22.8	22.4	22.2	22.6	23.4	24.1	23.1	23.3
	1HB1	24.3	24.1	23.6	23.3	22.5	22.0	21.8	22.2	23.0	23.7	22.8	22.9
	1HB2	23.9	23.8	23.2	22.8	22.0	21.6	21.3	21.8	22.8	23.6	22.4	22.5
	1HC	24.7	24.5	24.0	23.7	22.8	22.4	22.1	22.6	23.1	23.9	23.1	23.2
	1HD	23.2	23.0	22.4	22.1	21.4	20.9	20.6	21.0	21.5	22.2	21.3	21.7
	1HE	23.5	23.3	22.6	22.4	21.6	21.2	20.9	21.3	21.7	22.4	21.5	21.9
	1HF	24.1	23.9	23.3	23.1	22.3	21.9	21.6	21.9	22.3	23.1	22.3	22.6
	1HG	24.0	23.8	23.2	22.9	22.1	21.7	21.4	21.8	22.1	23.0	22.2	22.5
	1JA	17.4	17.2	17.0	16.8	15.8	15.6	15.1	15.4	15.7	16.3	16.0	16.0
	1JB	19.4	19.2	19.0	18.8	17.8	17.7	17.2	17.5	17.9	18.2	17.9	18.1
	1JC	18.4	18.1	18.0	17.7	16.8	16.7	16.2	16.5	16.8	17.2	16.9	17.0
	1JD	20.6	20.3	20.1	19.8	18.9	18.8	18.3	18.7	19.0	19.4	19.0	19.2
	1JE	19.8	19.6	19.2	19.0	18.2	17.8	17.4	17.7	17.9	18.7	18.2	18.4
	1JF	19.1	18.8	18.5	18.3	17.4	17.1	16.7	17.0	17.3	18.0	17.5	17.6
	1JG1	22.1	21.9	21.4	21.2	20.3	20.0	19.7	20.0	20.4	21.0	20.3	20.6
	1JG2	24.0	23.8	23.2	22.9	22.1	21.7	21.4	21.8	22.4	23.1	22.2	22.5
	1KA	22.8	22.6	21.8	21.6	20.9	20.4	20.1	20.5	20.7	21.5	20.6	21.1
	1KB	22.7	22.5	21.8	21.6	20.8	20.4	20.1	20.4	20.6	21.5	20.7	21.1
	1KC	21.7	21.4	20.9	20.8	19.9	19.5	19.1	19.4	19.6	20.6	19.9	20.2
	1LA1	17.6	17.4	17.2	17.1	16.1	15.8	15.3	15.5	15.8	16.6	16.3	16.3
	1LA2	21.0	20.8	20.4	20.3	19.4	19.0	18.6	18.8	19.0	20.0	19.5	19.6
	1LA3	19.0	19.1	19.1	18.8	17.7	17.0	16.4	16.5	17.1	18.5	18.0	18.0
	1LB1	17.7	17.5	17.3	17.3	16.3	15.9	15.4	15.6	15.9	16.8	16.5	16.4
	1LB2	19.5	19.4	19.1	19.1	18.1	17.5	17.0	17.2	17.4	18.6	18.3	18.3

Monthly Temperature by Sub-basin

Year 1994 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.1	28.1	28.2	27.4	26.4	26.1	25.2	25.4	26.2	26.7	26.3	25.8
	2AB	27.8	28.6	28.9	28.2	27.5	27.1	26.3	26.5	27.4	27.7	27.4	26.7
	2BA	19.4	19.7	19.5	19.2	18.2	18.0	17.4	17.9	19.1	19.4	18.8	18.4
	2BB	23.9	24.2	24.3	24.0	23.1	22.9	22.2	22.6	23.7	24.1	23.5	23.1
	2BC	22.5	22.7	22.6	22.3	21.5	21.3	20.7	21.1	22.1	22.4	21.7	21.6
	2BD	26.5	27.1	27.5	27.2	26.5	26.2	25.4	25.7	26.7	27.0	26.4	25.9
	2CA	27.8	28.7	29.1	28.8	28.1	27.9	26.9	27.2	28.3	28.5	28.0	27.2
	2CB	21.3	21.2	21.3	21.0	20.0	19.7	19.2	19.6	20.0	20.9	20.3	20.2
	2CC	25.6	26.2	26.4	26.1	25.2	24.9	24.1	24.4	25.3	25.7	25.4	24.7
	2D	23.4	24.3	24.6	24.2	23.1	22.6	21.9	22.0	22.8	23.6	23.3	22.5
	2EA	18.8	19.1	19.7	19.7	18.3	18.0	17.1	17.2	17.7	18.8	18.6	18.1
	2EB	18.5	18.8	19.5	19.4	18.0	17.7	16.8	16.9	17.4	18.4	18.3	17.8
	2EC	18.0	18.1	18.6	18.5	17.2	16.9	16.1	16.3	16.7	17.8	17.5	17.1
	2ED	16.7	16.6	16.7	16.4	15.3	15.2	14.6	14.9	15.2	16.1	15.7	15.6
	2EE	21.7	21.7	22.0	21.7	20.6	20.4	19.7	20.0	20.5	21.2	20.9	20.7
	2EF	19.1	19.1	19.3	19.0	17.9	17.7	17.1	17.3	17.7	18.4	18.2	18.0
	2EG1	15.4	15.4	15.5	15.4	14.3	14.0	13.4	13.6	14.1	14.7	14.5	14.4
	2EG2	21.0	21.2	21.6	21.4	20.2	19.9	19.1	19.4	20.0	20.8	20.6	20.1
	2EH	22.6	22.6	22.8	22.6	21.5	21.2	20.6	20.9	21.5	22.2	21.8	21.6
	2EJ	19.9	20.6	21.2	20.9	19.6	19.0	18.4	18.4	19.3	20.1	19.7	19.2
	2EK	18.3	18.9	19.5	19.2	17.8	17.4	16.6	16.8	17.5	18.3	18.0	17.6
	2FA	16.7	17.1	17.7	17.6	16.2	15.6	14.8	14.9	15.6	16.7	16.5	16.1
	2FB	17.3	17.6	18.2	18.1	16.8	16.4	15.6	15.7	16.2	17.1	17.1	16.6
	2FC	16.3	16.5	16.9	16.9	15.6	15.1	14.4	14.5	15.0	15.9	15.9	15.5
	2GA	16.1	16.5	17.1	17.0	15.6	14.9	14.1	14.2	15.0	16.1	15.9	15.5
	2GB	14.2	14.7	15.4	15.2	13.8	13.1	12.3	12.3	13.2	14.3	14.0	13.6
	2GC	13.4	13.9	14.7	14.3	13.0	12.0	11.2	11.3	12.4	13.7	13.1	12.7
	2GD	16.0	16.2	16.8	16.4	15.1	14.2	13.4	13.5	14.6	15.9	15.5	15.1
	2H-1	21.3	21.3	22.0	21.3	20.1	19.2	18.3	18.4	19.7	21.1	20.4	19.9
	2H-2	22.0	22.0	22.8	22.0	20.8	19.8	18.8	19.0	20.4	21.8	20.9	20.5
	2H-3	21.4	21.5	22.3	21.5	20.2	19.2	18.2	18.4	19.8	21.3	20.3	19.8
	2J	27.1	27.7	27.9	27.4	26.6	26.2	25.4	25.7	26.7	27.1	26.6	26.0
	2KA	17.1	17.2	17.3	17.2	16.1	15.4	14.8	14.8	15.4	16.6	16.6	16.2
	2KB	19.7	19.8	20.2	19.8	18.6	17.7	16.9	17.0	18.0	19.5	19.0	18.7
	2KC	22.8	22.9	23.4	22.8	21.7	20.8	19.9	20.0	21.1	22.6	21.9	21.6
ACA	3AA	19.5	19.5	20.3	19.4	18.2	17.3	16.3	16.4	17.9	19.4	18.3	18.1
	3AB	19.8	20.1	20.7	20.0	18.8	17.6	16.7	16.9	18.3	19.8	18.7	18.2
	3AC	20.5	20.7	21.4	20.6	19.4	18.3	17.4	17.5	19.0	20.5	19.4	18.9
	3BA	19.3	19.4	20.2	19.3	18.1	17.1	16.2	16.3	17.7	19.2	18.2	17.9
	3BB	19.4	19.5	20.2	19.3	18.2	17.2	16.2	16.3	17.8	19.2	18.3	17.9
	3BC	17.9	18.0	18.8	18.0	16.8	15.8	14.9	14.9	16.4	17.8	16.9	16.5
	3BD	18.8	18.9	19.7	18.9	17.7	16.7	15.8	15.9	17.3	18.7	17.8	17.4
	3CB	19.6	19.8	20.6	19.8	18.6	17.5	16.6	16.7	18.2	19.6	18.6	18.2
	3DA	21.8	22.0	22.7	22.0	20.8	19.6	18.7	18.8	20.3	21.8	20.6	20.2
	3DB	23.0	23.4	24.0	23.3	22.1	20.8	19.9	20.1	21.5	23.1	21.9	21.2
	3EA	20.2	20.5	21.1	20.5	19.2	17.9	17.0	17.3	18.7	20.2	19.1	18.5
	3EB	21.3	21.7	22.2	21.6	20.4	19.0	18.1	18.4	19.8	21.4	20.2	19.5
	3EC	21.2	21.6	22.1	21.5	20.2	18.8	18.0	18.2	19.6	21.2	20.1	19.3
	3ED	23.5	23.9	24.6	23.8	22.5	21.2	20.3	20.5	21.9	23.5	22.4	21.6
	3FA	22.4	22.8	23.4	22.6	21.3	20.0	19.2	19.3	20.7	22.4	21.2	20.5
	3FB	25.0	25.7	26.3	25.2	23.8	22.5	21.8	21.9	23.0	24.9	23.9	23.1
	3G	23.8	24.5	25.0	23.9	22.4	21.3	20.5	20.6	21.6	23.5	22.7	22.0
	3HA	26.2	27.0	27.5	26.1	24.5	23.6	22.9	22.9	23.6	25.7	25.1	24.6
	3HB	27.1	27.3	28.3	27.0	25.2	24.7	23.9	23.9	24.4	26.1	25.9	26.0
	3HC	27.3	27.1	28.4	27.3	25.3	25.1	24.2	24.2	24.4	25.9	26.0	26.4
	3HD1	27.2	27.0	28.3	27.2	25.2	25.0	24.1	24.2	24.3	25.8	25.8	26.3
	3HD2	27.7	27.4	28.8	27.8	25.9	25.6	24.7	24.7	25.0	26.4	26.4	26.9
	3J	24.0	24.7	25.2	23.9	22.3	21.3	20.6	20.8	21.4	23.4	22.8	22.4
	3K	27.3	27.4	28.2	26.9	24.9	24.5	23.7	23.8	24.1	25.8	25.6	26.0
	3LA	26.4	26.7	27.5	26.2	24.4	23.9	23.1	23.2	23.5	25.3	25.1	25.2
	3LB	27.4	27.1	28.4	27.3	25.3	25.1	24.2	24.4	24.5	25.9	26.0	26.5
	3MA-1	24.6	25.2	25.8	24.4	22.7	22.0	21.2	21.3	21.9	23.8	23.4	23.2
	3MA-2	26.1	26.4	27.1	25.8	23.9	23.4	22.6	22.7	23.1	24.9	24.6	24.8
	3MB	26.8	26.9	27.7	26.4	24.4	24.0	23.2	23.3	23.6	25.3	25.1	25.6
	3MC	26.7	26.8	27.6	26.2	24.3	23.8	23.0	23.1	23.4	25.1	25.0	25.4
	3MD1	27.1	27.0	27.9	26.7	24.7	24.3	23.5	23.6	23.8	25.4	25.4	26.0
	3MD2	27.5	27.4	28.2	26.9	24.8	24.4	23.6	23.7	23.9	25.6	25.5	26.1
	3N	21.7	22.1	22.7	21.9	20.6	19.4	18.5	18.6	20.0	21.7	20.5	19.9

Monthly Temperature by Sub-basin

Year 1994 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.8	15.8	16.6	16.2	15.1	13.8	13.2	13.1	14.6	15.5	14.9	14.3
	4AB	15.5	16.4	17.2	16.9	15.7	14.5	13.8	13.7	15.1	16.0	15.6	15.0
	4AC	15.3	16.1	16.9	16.6	15.4	14.1	13.4	13.4	14.8	15.8	15.3	14.8
	4AD	15.6	16.4	17.2	16.8	15.6	14.3	13.6	13.6	15.0	16.2	15.5	15.1
	4BA	19.8	20.7	21.5	20.9	19.8	18.5	17.9	17.7	19.3	20.5	19.7	19.1
	4BB	16.7	17.7	18.4	18.0	16.9	15.6	15.0	14.9	16.4	17.4	16.7	16.1
	4BC	19.8	20.8	21.4	20.9	19.8	18.5	17.9	17.7	19.4	20.5	19.6	19.0
	4BD	17.9	18.6	19.4	18.8	17.6	16.4	15.7	15.6	17.1	18.4	17.6	17.1
	4BE	19.3	19.9	20.7	20.0	18.9	17.7	16.9	16.8	18.4	19.7	18.8	18.3
	4BF	21.2	21.8	22.5	21.8	20.7	19.5	18.7	18.6	20.2	21.6	20.6	20.1
	4BG	22.2	23.0	23.7	23.0	21.9	20.7	19.8	19.8	21.4	22.7	21.6	21.2
	4CA	16.0	16.2	17.1	16.4	15.1	14.1	13.2	13.3	14.7	16.0	15.2	14.8
	4CB	18.0	18.3	19.1	18.4	17.2	16.1	15.2	15.3	16.8	18.1	17.2	16.7
	4CC	21.6	22.1	22.8	22.0	20.9	19.7	18.8	18.9	20.4	21.8	20.7	20.3
	4DA	19.3	20.4	21.0	20.5	19.5	18.1	17.5	17.3	19.0	20.1	19.1	18.6
	4DB	17.4	18.6	19.2	18.6	17.6	16.3	15.7	15.5	17.2	18.2	17.3	16.7
	4DC	16.8	18.1	18.6	18.0	17.1	15.8	15.2	15.0	16.7	17.7	16.7	16.1
	4DD	21.9	23.1	23.6	23.1	22.1	20.7	20.1	19.9	21.7	22.8	21.7	21.1
	4DE	22.5	23.3	23.9	23.3	22.2	20.9	20.1	20.1	21.7	23.0	21.9	21.4
	4EA	19.5	20.7	21.4	21.0	19.9	18.7	18.2	18.1	19.7	20.6	19.6	18.9
	4EB	18.4	19.6	20.3	19.8	18.8	17.5	16.9	16.8	18.5	19.4	18.4	17.8
	4EC	21.6	22.8	23.4	22.8	21.9	20.5	19.9	19.7	21.5	22.5	21.4	20.8
	4ED	22.8	23.8	24.4	24.0	22.9	21.5	20.9	20.8	22.4	23.7	22.5	21.9
	4FA	20.3	21.4	22.2	21.9	20.8	19.6	19.1	19.0	20.6	21.5	20.4	19.8
	4FB	24.2	25.3	26.0	25.7	24.6	23.3	22.7	22.7	24.2	25.2	24.1	23.5
	4GA	25.6	26.7	27.4	27.0	25.9	24.5	23.9	24.0	25.4	26.4	25.4	24.9
	4GB	27.1	28.0	28.7	28.3	27.0	25.7	25.1	25.3	26.5	27.7	26.4	26.1
	4GC	29.0	29.5	30.1	29.8	28.3	27.1	26.2	26.8	27.6	28.9	27.5	27.5
	4GD	27.9	28.5	29.2	28.8	27.5	26.1	25.3	25.7	26.7	28.0	26.7	26.6
	4GE	27.1	27.8	28.4	27.9	26.6	25.2	24.5	24.7	25.9	27.2	26.1	25.7
	4GF	27.2	27.5	28.4	27.7	26.2	25.1	24.3	24.5	25.4	26.8	26.0	25.8
	4GG	27.6	27.3	28.7	27.8	25.9	25.7	24.8	24.9	25.2	26.4	26.4	26.7
	4HA	24.6	25.3	25.9	25.0	23.7	22.4	21.6	21.7	23.0	24.7	23.6	22.9
	4HB	27.2	27.7	28.5	27.5	25.9	25.0	24.2	24.3	25.1	26.8	26.1	25.8
	4HC	27.0	27.4	28.3	27.1	25.4	24.8	23.9	23.9	24.5	26.3	25.9	25.8
	4JA	29.0	29.1	29.7	29.2	27.6	27.0	26.2	26.7	27.4	28.3	27.4	27.6
	4JB	28.3	28.1	29.3	28.7	27.0	26.4	25.5	25.8	26.2	27.4	27.0	27.2
	4KA	28.5	28.4	29.4	28.9	27.2	26.6	25.7	26.1	26.5	27.7	27.1	27.3
	4KB	28.3	28.2	29.4	28.7	27.1	26.4	25.6	25.9	26.3	27.5	27.0	27.2
ENNCA	5AA	15.8	16.4	17.1	17.0	15.6	15.2	14.4	14.3	15.0	16.0	15.7	15.2
	5AB	15.9	16.6	17.4	17.2	15.8	15.2	14.4	14.4	15.2	16.2	15.9	15.3
	5AC	17.7	18.5	19.2	19.0	17.7	17.0	16.5	16.2	17.3	18.2	17.7	17.1
	5AD	17.7	18.6	19.3	19.1	17.8	17.0	16.2	16.2	17.3	18.3	17.8	17.2
	5BA	16.4	17.3	18.1	17.8	16.6	15.5	14.8	14.7	16.1	16.9	16.5	15.9
	5BB	14.6	15.4	16.2	15.9	14.7	13.7	12.9	12.9	14.1	15.1	14.6	14.1
	5BC-1	16.0	16.9	17.7	17.4	16.2	15.2	14.5	14.5	15.7	16.6	16.1	15.5
	5BC-2	18.3	19.2	20.0	19.7	18.5	17.5	16.8	16.8	18.0	18.9	18.4	17.8
	5BD	16.8	17.6	18.3	18.1	16.8	16.0	15.2	15.2	16.3	17.2	16.8	16.2
	5BE	14.8	15.8	16.5	16.3	15.1	14.0	13.3	13.3	14.7	15.6	14.9	14.3
	5CA	17.1	18.1	18.8	18.5	17.3	16.4	15.8	15.7	16.8	17.6	17.2	16.6
	5CB	20.1	21.0	21.6	21.4	20.1	19.2	18.5	18.6	19.6	20.4	20.1	19.3
	5CC	20.1	21.0	21.4	21.3	20.0	19.3	18.5	18.6	19.5	20.4	20.3	19.1
	5DA	19.4	20.4	21.2	21.0	19.8	18.7	18.1	18.1	19.5	20.3	19.5	18.9
	5DB	18.3	19.3	20.1	19.8	18.6	17.6	16.9	16.9	18.2	19.1	18.4	17.8
	5DC	18.3	19.2	20.0	19.8	18.5	17.6	17.0	16.9	18.1	19.0	18.4	17.8
	5DD	21.2	22.2	23.0	22.7	21.5	20.5	19.8	19.8	21.1	21.7	21.3	20.7
	5EA	28.8	29.1	29.2	28.2	25.6	26.4	25.7	26.0	26.7	27.1	26.4	26.7
	5EB	28.0	28.5	28.2	27.2	25.4	25.5	24.7	25.0	25.8	26.2	25.8	25.8
	5EC	25.9	26.8	26.7	26.2	24.7	24.2	23.4	23.6	24.4	25.1	25.0	24.1
	5ED	25.9	26.8	27.0	26.7	25.2	24.6	23.9	24.1	25.1	25.9	25.3	24.7
	5FA	28.4	28.9	29.3	28.9	27.3	26.8	26.0	26.4	27.3	28.2	27.2	27.1
	5FB	29.2	29.5	29.6	29.2	27.3	27.4	26.6	27.0	27.8	28.4	27.6	27.6
	5G	27.5	28.0	28.4	27.2	24.6	25.3	24.6	24.9	25.6	26.0	25.2	25.3
	5HA	28.4	29.0	30.2	29.2	25.8	27.2	26.7	26.8	27.6	27.7	26.5	26.5
	5HB	27.1	27.7	28.5	27.4	24.4	25.3	24.8	24.9	25.7	26.0	25.0	25.1
	5J	26.3	27.2	27.1	26.3	25.1	24.7	23.9	24.1	24.9	25.3	25.4	24.5

Monthly Temperature by Sub-basin

Year 1995 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.1	21.0	21.1	21.3	20.4	20.3	19.2	19.9	20.1	20.1	20.3	19.8
	1AB	18.1	18.1	18.2	18.3	17.4	17.4	16.3	16.9	17.2	17.1	17.3	16.8
	1AC	21.6	21.5	21.6	21.8	20.9	20.8	19.7	20.4	20.6	20.6	20.8	20.3
	1AD	23.2	23.1	23.2	23.3	22.4	22.4	21.3	22.0	22.2	22.2	22.3	21.9
	1AE	23.8	23.8	23.8	24.0	23.1	23.0	22.0	22.7	22.9	22.9	23.0	22.7
	1AF	23.1	23.1	23.2	23.3	22.4	22.4	21.3	22.0	22.2	22.2	22.3	21.9
	1AG	23.3	23.2	23.3	23.5	22.5	22.5	21.5	22.1	22.4	22.4	22.5	22.1
	1AH	23.7	23.6	23.7	23.8	22.9	22.8	21.8	22.6	22.8	22.8	22.9	22.6
	1BA	16.6	16.7	16.8	17.0	16.1	16.0	14.9	15.4	15.7	15.7	15.9	15.4
	1BB	17.4	17.5	17.6	17.8	17.0	16.9	15.7	16.2	16.5	16.5	16.8	16.2
	1BC	18.4	18.5	18.6	18.9	18.1	17.9	16.6	17.2	17.5	17.5	17.8	17.2
	1BD	19.1	19.1	19.2	19.4	18.5	18.4	17.3	17.8	18.1	18.1	18.4	17.8
	1BE	18.7	18.8	18.9	19.2	18.4	18.1	16.9	17.4	17.7	17.8	18.1	17.4
	1BG	18.7	18.8	18.9	19.2	18.3	18.1	16.9	17.4	17.8	17.8	18.1	17.5
	1BH	18.3	18.3	18.4	18.7	17.8	17.7	16.5	17.1	17.4	17.4	17.6	17.0
	1CA	18.0	17.9	18.0	18.2	17.3	17.3	16.2	16.8	17.1	17.1	17.2	16.7
	1CB	17.8	17.7	17.8	17.9	17.1	17.1	15.9	16.5	16.8	16.8	16.9	16.4
	1CC	17.1	16.9	17.0	17.2	16.3	16.4	15.3	15.9	16.2	16.1	16.3	15.8
	1CD	18.9	18.8	18.9	19.1	18.1	18.1	17.1	17.7	17.9	17.9	18.1	17.6
	1CE	20.1	20.0	20.1	20.3	19.4	19.4	18.2	18.9	19.1	19.1	19.3	18.8
	1DA	21.2	21.1	21.2	21.4	20.5	20.4	19.3	20.0	20.2	20.2	20.3	19.9
	1DB	18.5	18.5	18.6	18.8	17.9	17.8	16.7	17.3	17.6	17.6	17.7	17.3
	1DC	22.1	22.0	22.1	22.2	21.3	21.3	20.2	20.9	21.1	21.1	21.2	20.8
	1DD	22.6	22.5	22.6	22.7	21.8	21.8	20.7	21.4	21.6	21.6	21.7	21.3
	1EA	20.4	20.3	20.4	20.5	19.6	19.6	18.5	19.2	19.3	19.3	19.4	19.1
	1EB	22.0	21.9	22.0	22.1	21.1	21.1	20.1	20.7	20.8	20.8	20.9	20.7
	1EC	21.9	21.8	21.9	22.0	21.1	21.1	20.0	20.7	20.9	20.8	20.9	20.6
	1ED	22.9	22.8	22.9	23.0	22.1	22.1	21.1	21.8	22.0	21.9	22.0	21.7
	1EE	23.6	23.5	23.6	23.7	22.7	22.7	21.7	22.4	22.7	22.7	22.7	22.5
	1EF	23.8	23.7	23.7	23.9	22.9	22.9	21.9	22.7	22.9	22.9	23.0	22.7
	1EG	23.3	23.1	23.1	23.2	22.3	22.3	21.4	22.2	22.4	22.3	22.4	22.1
	1FA	16.8	16.6	16.7	16.8	15.9	16.1	15.0	15.6	15.9	15.8	16.0	15.5
	1FB	18.9	18.8	18.9	19.0	18.1	18.1	17.0	17.7	18.0	17.9	18.0	17.6
	1FC	19.3	19.1	19.2	19.4	18.4	18.5	17.4	18.1	18.4	18.3	18.4	18.0
	1FD	18.6	18.3	18.4	18.6	17.6	17.8	16.7	17.4	17.7	17.6	17.7	17.3
	1FE	21.3	21.1	21.2	21.3	20.3	20.3	19.4	20.1	20.3	20.3	20.3	20.1
	1FF	21.9	21.7	21.8	21.9	20.9	21.0	20.1	20.9	21.1	21.1	21.1	20.8
	1FG	23.7	23.4	23.4	23.6	22.6	22.7	21.8	22.6	22.8	22.8	22.8	22.5
LVSCA	1GA	17.3	17.0	17.0	17.2	16.3	16.5	15.5	16.1	16.4	16.3	16.4	15.9
	1GB	20.6	20.2	20.3	20.4	19.5	19.7	18.7	19.5	19.7	19.6	19.7	19.3
	1GC	17.6	17.2	17.2	17.4	16.5	16.8	15.7	16.3	16.7	16.6	16.7	16.1
	1GD	22.4	21.9	22.0	22.1	21.2	21.4	20.4	21.2	21.5	21.4	21.4	21.0
	1GE	22.2	21.7	21.7	21.9	21.0	21.3	20.3	21.0	21.3	21.1	21.2	20.8
	1GF	23.2	22.8	22.8	23.0	22.0	22.2	21.3	22.1	22.4	22.3	22.3	22.0
	1GG	18.0	17.5	17.6	17.7	16.8	17.1	16.1	16.7	17.0	16.9	17.0	16.5
	1HA1	21.8	21.5	21.7	21.8	20.7	20.9	20.0	20.9	21.1	21.0	21.1	20.8
	1HA2	24.2	23.9	23.9	24.1	23.0	23.2	22.3	23.2	23.5	23.4	23.4	23.1
	1HB1	23.8	23.5	23.6	23.7	22.7	22.8	21.9	22.8	23.1	23.0	23.0	22.7
	1HB2	23.3	23.0	23.1	23.3	22.2	22.3	21.4	22.4	22.7	22.6	22.6	22.3
	1HC	24.2	23.9	23.9	24.1	23.1	23.2	22.3	23.1	23.4	23.3	23.3	23.0
	1HD	22.8	22.4	22.3	22.5	21.6	21.7	20.8	21.6	21.9	21.8	21.8	21.5
	1HE	23.1	22.7	22.6	22.7	21.9	22.0	21.1	21.9	22.2	22.1	22.1	21.8
	1HF	23.7	23.3	23.3	23.4	22.5	22.6	21.7	22.5	22.8	22.7	22.7	22.5
	1HG	23.5	23.2	23.2	23.3	22.4	22.5	21.6	22.4	22.7	22.6	22.6	22.3
	1JA	17.3	16.8	16.8	17.0	16.2	16.4	15.3	15.9	16.3	16.3	16.4	15.7
	1JB	19.4	18.8	18.8	18.9	18.1	18.5	17.4	18.1	18.4	18.3	18.4	17.7
	1JC	18.4	17.8	17.7	17.9	17.1	17.5	16.4	17.0	17.4	17.2	17.3	16.7
	1JD	20.5	19.9	19.9	20.0	19.2	19.6	18.5	19.2	19.5	19.3	19.5	18.9
	1JE	19.6	19.2	19.1	19.2	18.5	18.5	17.5	18.2	18.7	18.6	18.6	18.2
	1JF	18.9	18.5	18.4	18.5	17.7	17.9	16.9	17.5	17.9	17.9	17.9	17.4
	1JG1	21.8	21.4	21.3	21.4	20.6	20.8	19.8	20.6	20.9	20.8	20.8	20.4
	1JG2	23.5	23.2	23.2	23.3	22.4	22.5	21.6	22.4	22.7	22.6	22.7	22.3
	1KA	22.3	22.0	21.8	21.9	21.1	21.2	20.3	21.1	21.4	21.3	21.3	21.1
	1KB	22.3	21.9	21.8	21.9	21.1	21.2	20.3	21.0	21.4	21.2	21.3	21.0
	1KC	21.3	21.0	20.9	21.0	20.2	20.2	19.3	20.0	20.4	20.4	20.4	20.0
	1LA1	17.5	17.1	17.1	17.2	16.5	16.5	15.5	16.0	16.5	16.6	16.6	16.0
	1LA2	20.8	20.5	20.3	20.5	19.7	19.7	18.7	19.4	19.9	19.9	19.9	19.5
	1LA3	19.1	18.9	18.8	19.0	18.3	17.8	16.5	16.9	17.8	18.3	18.1	17.7
	1LB1	17.6	17.3	17.2	17.4	16.7	16.6	15.5	16.1	16.6	16.7	16.7	16.2
	1LB2	19.5	19.2	19.1	19.3	18.6	18.3	17.2	17.7	18.3	18.6	18.5	18.0

Monthly Temperature by Sub-basin

Year 1995 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.7	27.4	27.4	27.6	26.9	26.2	25.6	25.7	26.3	26.9	26.6	26.3
	2AB	27.4	28.1	28.2	28.5	28.0	27.3	26.6	26.8	27.3	28.0	27.6	27.1
	2BA	19.0	19.2	19.3	19.6	18.8	18.6	17.4	18.0	18.3	18.4	18.5	17.9
	2BB	23.5	23.9	24.0	24.3	23.6	23.4	22.2	22.6	23.0	23.2	23.2	22.6
	2BC	22.0	22.2	22.4	22.7	21.9	21.7	20.5	21.1	21.4	21.5	21.6	21.0
	2BD	26.2	26.8	27.1	27.6	27.0	26.6	25.6	26.0	26.3	26.9	26.6	25.8
	2CA	27.7	28.4	28.7	29.2	28.6	28.1	27.3	27.6	27.9	28.6	28.3	27.4
	2CB	20.9	20.9	21.0	21.1	20.4	20.4	19.2	19.6	19.9	20.0	20.1	19.5
	2CC	25.3	25.8	26.0	26.3	25.7	25.3	24.3	24.6	25.0	25.4	25.3	24.6
	2D	23.5	24.0	24.0	24.3	23.6	23.3	22.2	22.4	23.0	23.3	23.2	22.6
	2EA	18.9	19.2	19.2	19.4	18.8	18.7	17.3	17.4	18.2	18.4	18.4	17.6
	2EB	18.6	18.9	18.9	19.1	18.5	18.4	17.0	17.1	17.9	18.1	18.1	17.3
	2EC	18.0	18.1	18.1	18.4	17.7	17.6	16.3	16.5	17.2	17.5	17.4	16.7
	2ED	16.5	16.4	16.4	16.6	15.7	16.0	14.8	15.3	15.6	15.6	15.7	15.1
	2EE	21.5	21.6	21.6	21.8	21.0	21.1	19.8	20.2	20.6	20.6	20.7	20.1
	2EF	19.0	18.9	18.9	19.1	18.3	18.5	17.3	17.7	18.1	18.1	18.2	17.6
	2EG1	15.4	15.2	15.2	15.4	14.7	14.8	13.5	14.0	14.5	14.6	14.6	14.0
	2EG2	21.0	21.1	21.2	21.4	20.7	20.7	19.4	19.6	20.2	20.4	20.4	19.7
	2EH	22.4	22.5	22.5	22.6	21.9	22.0	20.7	21.0	21.4	21.4	21.6	20.9
	2EJ	20.1	20.5	20.5	20.8	20.1	19.8	18.6	18.8	19.6	19.8	19.7	18.9
	2EK	18.5	18.8	18.8	19.1	18.5	18.3	16.9	17.1	17.9	18.1	18.1	17.2
	2FA	16.8	17.1	17.1	17.5	16.8	16.3	15.0	15.1	16.1	16.5	16.3	15.6
	2FB	17.4	17.6	17.6	17.9	17.3	17.1	15.8	15.9	16.7	16.9	16.9	16.1
	2FC	16.4	16.5	16.5	16.8	16.1	15.9	14.6	14.7	15.6	15.9	15.8	15.0
	2GA	16.1	16.5	16.6	16.9	16.2	15.7	14.3	14.4	15.4	15.9	15.7	15.0
	2GB	14.0	14.6	14.7	15.0	14.3	13.7	12.3	12.5	13.6	14.0	13.8	13.0
	2GC	13.1	13.6	13.8	14.1	13.4	12.6	11.2	11.4	12.7	13.2	13.0	12.2
	2GD	15.7	16.0	16.1	16.4	15.7	14.8	13.4	13.7	15.0	15.7	15.4	14.9
	2H-1	20.7	21.1	21.0	21.3	20.5	19.5	18.1	18.6	20.0	20.9	20.5	20.3
	2H-2	21.2	21.7	21.6	21.9	21.1	20.0	18.5	19.1	20.6	21.6	21.2	21.0
	2H-3	20.5	21.1	21.0	21.3	20.5	19.3	17.8	18.5	20.1	21.0	20.7	20.4
	2J	26.6	27.2	27.4	27.7	27.1	26.5	25.7	26.0	26.4	27.0	26.7	26.1
	2KA	17.3	17.2	17.1	17.4	16.7	16.2	14.9	15.2	16.1	16.6	16.4	15.9
	2KB	19.4	19.6	19.5	19.8	19.1	18.2	16.8	17.2	18.5	19.2	18.9	18.6
	2KC	22.3	22.7	22.6	22.9	22.0	21.1	19.7	20.3	21.6	22.3	22.0	21.7
ACA	3AA	18.7	19.2	19.1	19.3	18.6	17.5	15.9	16.6	18.1	19.0	18.7	18.4
	3AB	19.0	19.5	19.5	19.7	18.9	17.7	16.2	16.9	18.5	19.5	19.0	18.9
	3AC	19.6	20.2	20.1	20.4	19.6	18.4	16.9	17.6	19.1	20.1	19.7	19.4
	3BA	18.5	19.0	19.0	19.2	18.5	17.4	15.8	16.4	17.9	18.8	18.5	18.2
	3BB	18.4	19.0	19.0	19.2	18.5	17.4	15.9	16.5	18.0	18.9	18.5	18.2
	3BC	17.0	17.5	17.6	17.9	17.1	16.0	14.5	15.1	16.5	17.4	17.0	16.7
	3BD	17.8	18.4	18.5	18.7	18.0	16.9	15.4	16.0	17.4	18.2	17.8	17.4
	3CB	18.5	19.2	19.2	19.5	18.8	17.6	16.2	16.8	18.2	19.0	18.6	18.1
	3DA	20.7	21.4	21.4	21.6	20.9	19.6	18.2	18.8	20.3	21.3	20.7	20.4
	3DB	21.9	22.7	22.7	22.9	22.2	20.7	19.4	20.0	21.5	22.6	22.0	21.8
	3EA	19.2	19.9	19.9	20.1	19.3	17.9	16.5	17.1	18.7	19.8	19.2	19.0
	3EB	20.3	21.0	21.0	21.2	20.4	19.0	17.6	18.2	19.8	20.9	20.2	20.1
	3EC	20.1	20.9	20.9	21.1	20.3	18.8	17.4	18.1	19.7	20.8	20.2	20.1
	3ED	22.3	23.2	23.2	23.4	22.6	21.1	19.8	20.4	21.9	23.1	22.5	22.4
	3FA	21.2	22.2	22.1	22.4	21.5	20.1	18.8	19.4	20.9	22.1	21.5	21.4
	3FB	23.7	25.1	25.1	25.2	24.2	22.7	21.6	22.1	23.3	24.7	24.2	24.2
	3G	22.5	23.9	24.0	23.9	22.8	21.5	20.4	20.8	21.8	23.3	22.9	22.9
	3HA	25.0	26.5	26.8	26.4	25.1	24.0	23.1	23.1	23.9	25.4	25.3	25.3
	3HB	26.2	27.2	27.7	27.3	25.8	25.0	24.2	24.0	24.5	26.0	25.9	26.3
	3HC	26.5	27.1	27.9	27.5	25.9	25.3	24.5	24.4	24.7	26.1	26.0	26.6
	3HD1	26.5	27.0	27.8	27.4	25.7	25.2	24.5	24.4	24.6	26.1	25.9	26.6
	3HD2	27.0	27.5	28.3	28.1	26.4	25.8	25.0	24.8	25.0	26.5	26.3	26.9
	3J	22.8	24.2	24.4	24.1	22.8	21.6	20.7	20.8	21.6	23.1	22.9	23.0
	3K	26.3	27.1	27.5	27.1	25.5	24.6	24.0	23.8	24.2	25.5	25.6	26.2
	3LA	25.5	26.5	26.9	26.5	25.0	24.2	23.5	23.4	23.8	25.3	25.3	25.6
	3LB	26.6	27.2	27.9	27.5	25.8	25.3	24.6	24.5	24.7	26.1	26.0	26.7
	3MA-1	23.5	24.8	25.1	24.7	23.4	22.3	21.5	21.4	22.1	23.6	23.5	23.7
	3MA-2	25.1	26.1	26.5	26.0	24.5	23.6	22.9	22.8	23.2	24.6	24.6	25.1
	3MB	25.9	26.6	27.0	26.6	25.0	24.2	23.5	23.4	23.7	25.0	25.1	25.8
	3MC	25.7	26.5	26.9	26.5	24.8	24.0	23.3	23.2	23.5	24.8	24.9	25.7
	3MD1	26.2	26.8	27.2	26.9	25.2	24.4	23.9	23.7	24.1	25.3	25.3	26.2
	3MD2	26.5	27.1	27.4	27.0	25.3	24.5	23.9	23.8	24.1	25.3	25.5	26.4
	3N	20.6	21.5	21.5	21.7	20.8	19.4	18.1	18.7	20.2	21.4	20.8	20.8

Monthly Temperature by Sub-basin

Year 1995 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.7	15.4	15.7	16.0	15.3	13.9	13.0	13.3	14.8	15.3	14.8	13.9
	4AB	15.5	16.1	16.4	16.7	16.0	14.9	13.8	14.0	15.4	15.9	15.5	14.5
	4AC	15.2	15.7	16.1	16.5	15.8	14.5	13.5	13.6	15.1	15.6	15.3	14.2
	4AD	15.4	16.0	16.3	16.6	16.0	14.7	13.6	13.7	15.3	15.8	15.5	14.5
	4BA	19.6	20.3	20.5	20.8	20.1	18.7	17.7	17.9	19.5	20.1	19.7	18.8
	4BB	16.6	17.3	17.6	17.8	17.1	15.7	14.8	15.1	16.6	17.2	16.7	15.8
	4BC	19.5	20.3	20.5	20.7	20.1	18.6	17.7	18.0	19.5	20.1	19.6	18.8
	4BD	17.5	18.1	18.3	18.6	18.0	16.6	15.5	15.7	17.3	17.9	17.5	16.7
	4BE	18.7	19.4	19.5	19.8	19.2	17.8	16.6	17.0	18.5	19.2	18.8	18.0
	4BF	20.4	21.1	21.3	21.5	20.9	19.5	18.3	18.8	20.3	21.0	20.6	19.9
	4BG	21.6	22.4	22.5	22.7	22.0	20.6	19.5	19.9	21.4	22.2	21.7	21.0
	4CA	15.2	15.8	15.9	16.2	15.5	14.3	12.9	13.3	14.8	15.6	15.2	14.6
	4CB	17.1	17.7	17.9	18.2	17.5	16.3	14.9	15.3	16.8	17.6	17.2	16.6
	4CC	20.6	21.4	21.4	21.6	21.0	19.6	18.3	18.9	20.3	21.2	20.7	20.2
	4DA	19.1	19.9	20.0	20.2	19.7	18.1	17.2	17.6	19.1	19.7	19.1	18.4
	4DB	17.2	18.1	18.2	18.3	17.8	16.2	15.4	15.8	17.2	17.8	17.2	16.5
	4DC	16.7	17.6	17.6	17.7	17.3	15.7	14.9	15.2	16.7	17.2	16.6	15.9
	4DD	21.7	22.6	22.7	22.8	22.3	20.7	19.9	20.2	21.7	22.3	21.7	21.0
	4DE	21.9	22.7	22.7	22.9	22.3	20.8	19.6	20.1	21.6	22.4	21.9	21.4
	4EA	19.4	20.4	20.5	20.6	20.0	18.7	18.0	18.3	19.8	20.3	19.5	18.8
	4EB	18.3	19.2	19.3	19.4	18.9	17.5	16.7	17.1	18.5	19.1	18.4	17.7
	4EC	21.4	22.3	22.4	22.5	22.0	20.5	19.7	20.0	21.5	22.1	21.4	20.7
	4ED	22.5	23.4	23.4	23.5	23.0	21.5	20.5	20.9	22.4	23.1	22.5	21.9
	4FA	20.2	21.2	21.3	21.4	20.7	19.6	18.9	19.2	20.7	21.2	20.3	19.7
	4FB	24.0	25.0	25.1	25.2	24.5	23.3	22.5	22.9	24.2	24.8	24.1	23.4
	4GA	25.5	26.5	26.7	26.7	25.9	24.7	24.0	24.2	25.4	26.2	25.7	24.9
	4GB	26.8	27.9	28.1	27.9	27.1	25.8	25.2	25.3	26.3	27.4	27.0	26.2
	4GC	28.4	29.6	29.9	29.5	28.4	27.3	26.8	26.6	27.2	28.8	28.7	27.9
	4GD	27.3	28.4	28.8	28.6	27.5	26.3	25.7	25.7	26.4	27.9	27.7	26.9
	4GE	26.4	27.5	27.7	27.7	26.7	25.4	24.6	24.8	25.8	27.1	26.7	26.2
	4GF	26.4	27.3	27.7	27.7	26.5	25.3	24.5	24.7	25.5	26.9	26.6	26.4
	4GG	27.0	27.5	28.3	28.2	26.6	25.9	25.1	25.0	25.3	26.7	26.5	26.9
	4HA	23.5	24.6	24.6	24.8	23.9	22.4	21.2	21.8	23.1	24.4	23.8	23.7
	4HB	26.2	27.3	27.7	27.6	26.3	25.3	24.5	24.7	25.5	27.0	26.7	26.6
	4HC	26.0	27.2	27.7	27.4	26.0	25.0	24.1	24.1	24.8	26.2	26.0	26.3
	4JA	28.4	29.4	29.6	29.2	28.2	27.2	26.7	26.5	27.0	28.5	28.3	28.0
	4JB	27.7	28.3	29.1	29.1	27.5	26.7	26.1	26.0	26.4	27.8	27.7	27.7
	4KA	27.9	28.6	29.3	29.1	27.7	26.9	26.2	26.0	26.5	28.0	27.8	27.7
	4KB	27.7	28.4	29.1	29.1	27.6	26.7	26.0	25.9	26.3	27.8	27.7	27.6
ENNCA	5AA	15.8	16.4	16.4	16.6	16.0	15.7	14.4	14.5	15.3	15.6	15.5	14.7
	5AB	15.9	16.5	16.6	16.8	16.2	15.7	14.4	14.5	15.6	15.9	15.7	14.9
	5AC	17.7	18.4	18.5	18.7	18.1	17.4	16.3	16.4	17.5	17.9	17.5	16.8
	5AD	17.8	18.5	18.6	18.8	18.2	17.4	16.3	16.5	17.6	18.0	17.6	16.8
	5BA	16.4	17.1	17.3	17.6	17.0	15.9	14.8	15.0	16.4	16.8	16.5	15.5
	5BB	14.6	15.2	15.4	15.7	15.1	14.1	13.0	13.1	14.5	14.9	14.6	13.6
	5BC-1	16.0	16.7	16.9	17.1	16.5	15.5	14.5	14.7	16.0	16.4	16.0	15.1
	5BC-2	18.3	19.1	19.2	19.4	18.8	17.9	16.9	17.0	18.3	18.7	18.3	17.5
	5BD	16.8	17.5	17.6	17.8	17.2	16.4	15.3	15.4	16.6	17.0	16.7	15.8
	5BE	14.8	15.6	15.7	15.9	15.3	14.2	13.4	13.6	14.9	15.4	14.8	14.0
	5CA	17.2	17.9	18.0	18.2	17.6	16.9	15.8	16.0	17.1	17.5	17.1	16.3
	5CB	19.9	20.6	20.7	20.9	20.2	19.4	18.6	18.7	19.8	20.3	19.8	19.1
	5CC	19.9	20.5	20.5	20.8	20.0	19.3	18.6	18.7	19.6	20.1	19.7	19.1
	5DA	19.4	20.3	20.4	20.5	19.9	18.9	18.1	18.4	19.7	20.1	19.4	18.7
	5DB	18.3	19.2	19.3	19.4	18.8	17.8	16.9	17.2	18.5	18.9	18.3	17.6
	5DC	18.3	19.1	19.2	19.4	18.8	17.9	16.9	17.1	18.3	18.8	18.3	17.5
	5DD	21.2	22.1	22.2	22.3	21.7	20.8	19.9	20.1	21.3	21.8	21.2	20.5
	5EA	28.0	29.1	28.4	27.5	27.2	26.2	26.0	25.7	26.5	27.2	26.7	27.6
	5EB	27.2	28.1	27.4	26.6	26.2	25.2	25.0	24.8	25.6	26.4	25.9	26.7
	5EC	25.3	25.9	25.6	25.5	24.7	23.7	23.5	23.4	24.4	25.0	24.5	24.6
	5ED	25.5	26.4	26.3	26.1	25.5	24.4	24.0	24.1	25.1	25.8	25.2	25.0
	5FA	28.0	29.0	29.0	28.6	27.9	26.8	26.4	26.3	27.0	28.2	27.8	27.5
	5FB	28.6	29.6	29.4	28.7	28.2	27.3	26.9	26.8	27.4	28.5	28.1	28.1
	5G	26.6	28.0	27.4	26.5	26.1	25.1	24.9	24.6	25.5	26.0	25.5	26.5
	5HA	27.5	29.7	29.4	28.4	28.3	27.2	27.0	26.7	27.5	27.8	27.2	28.2
	5HB	26.2	28.0	27.5	26.6	26.3	25.2	25.0	24.7	25.6	26.0	25.5	26.5
	5J	25.7	26.3	26.1	26.0	25.3	24.4	24.1	24.1	24.8	25.5	25.1	25.2

Monthly Temperature by Sub-basin

Year 1996 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.6	20.8	21.1	20.6	20.6	19.6	19.5	19.8	20.0	20.3	20.4	20.5
	1AB	17.6	17.8	18.2	17.7	17.7	16.7	16.5	16.8	17.1	17.4	17.4	17.5
	1AC	21.2	21.3	21.6	21.1	21.1	20.1	20.0	20.3	20.6	20.8	20.9	21.0
	1AD	22.7	22.8	23.2	22.7	22.6	21.7	21.5	21.9	22.1	22.4	22.5	22.6
	1AE	23.4	23.5	23.8	23.3	23.3	22.3	22.2	22.6	22.8	23.1	23.1	23.3
	1AF	22.8	22.8	23.2	22.6	22.6	21.7	21.5	21.9	22.1	22.4	22.5	22.6
	1AG	23.0	23.0	23.3	22.8	22.8	21.8	21.7	22.1	22.3	22.6	22.6	22.8
	1AH	23.3	23.3	23.7	23.2	23.1	22.2	22.0	22.4	22.7	23.0	23.0	23.2
	1BA	16.1	16.5	16.9	16.3	16.3	15.3	15.1	15.3	15.6	15.9	16.0	16.1
	1BB	16.8	17.3	17.7	17.1	17.1	16.1	15.9	16.2	16.4	16.7	16.8	16.8
	1BC	17.8	18.3	18.7	18.2	18.2	17.1	16.9	17.1	17.3	17.7	17.8	17.8
	1BD	18.6	18.9	19.3	18.7	18.7	17.7	17.5	17.8	18.0	18.3	18.4	18.5
	1BE	18.2	18.6	19.0	18.5	18.5	17.3	17.2	17.4	17.6	17.9	18.1	18.0
	1BG	18.2	18.6	19.0	18.5	18.5	17.4	17.2	17.4	17.6	18.0	18.1	18.1
	1BH	17.8	18.1	18.5	18.0	18.0	16.9	16.8	17.0	17.3	17.6	17.7	17.7
	1CA	17.5	17.8	18.1	17.5	17.6	16.6	16.4	16.7	17.0	17.2	17.3	17.4
	1CB	17.3	17.6	17.9	17.3	17.3	16.4	16.2	16.5	16.8	17.0	17.1	17.2
	1CC	16.6	16.9	17.1	16.6	16.6	15.7	15.4	15.8	16.1	16.3	16.3	16.5
	1CD	18.5	18.6	18.9	18.4	18.4	17.5	17.3	17.6	17.9	18.2	18.2	18.3
	1CE	19.6	19.8	20.2	19.6	19.6	18.7	18.5	18.8	19.1	19.3	19.4	19.5
	1DA	20.9	20.9	21.2	20.7	20.7	19.8	19.6	19.9	20.2	20.5	20.5	20.7
	1DB	18.1	18.3	18.6	18.1	18.1	17.1	16.9	17.2	17.5	17.8	17.9	17.9
	1DC	21.8	21.7	22.1	21.6	21.6	20.6	20.5	20.8	21.1	21.4	21.4	21.5
	1DD	22.2	22.2	22.6	22.1	22.0	21.1	20.9	21.3	21.6	21.9	21.9	22.0
	1EA	20.2	20.0	20.3	19.8	19.8	19.0	18.8	19.1	19.5	19.7	19.7	19.9
	1EB	21.9	21.6	21.9	21.4	21.4	20.5	20.3	20.7	21.1	21.3	21.3	21.5
	1EC	21.7	21.5	21.9	21.4	21.3	20.5	20.3	20.6	21.0	21.2	21.2	21.4
	1ED	22.6	22.6	22.9	22.4	22.3	21.4	21.3	21.7	22.0	22.2	22.3	22.4
	1EE	23.2	23.2	23.5	23.0	23.0	22.0	21.9	22.3	22.6	22.9	22.9	23.0
	1EF	23.3	23.4	23.7	23.2	23.2	22.2	22.1	22.5	22.8	23.1	23.1	23.3
	1EG	22.8	22.8	23.1	22.6	22.5	21.7	21.5	22.0	22.3	22.6	22.5	22.8
	1FA	16.2	16.6	16.8	16.3	16.3	15.4	15.2	15.6	15.8	16.0	16.0	16.3
	1FB	18.5	18.5	18.8	18.3	18.3	17.5	17.2	17.6	17.9	18.2	18.2	18.4
	1FC	18.8	18.9	19.2	18.7	18.7	17.8	17.6	18.0	18.3	18.5	18.6	18.7
	1FD	18.0	18.2	18.5	17.9	17.9	17.1	16.9	17.3	17.5	17.8	17.8	18.0
	1FE	20.9	20.8	21.1	20.6	20.5	19.7	19.5	20.0	20.3	20.6	20.5	20.8
	1FF	21.5	21.5	21.7	21.2	21.2	20.3	20.2	20.7	21.0	21.2	21.2	21.4
	1FG	23.0	23.1	23.4	22.9	22.9	22.0	21.9	22.4	22.6	22.9	22.9	23.1
LVSCA	1GA	16.6	17.1	17.3	16.7	16.7	15.9	15.6	16.0	16.3	16.5	16.4	16.8
	1GB	19.9	20.0	20.3	19.7	19.7	19.0	18.7	19.2	19.5	19.7	19.7	20.0
	1GC	16.7	17.4	17.6	17.0	17.0	16.2	15.8	16.2	16.4	16.6	16.5	17.0
	1GD	21.5	21.7	22.0	21.4	21.4	20.7	20.5	20.9	21.2	21.4	21.3	21.8
	1GE	21.3	21.5	21.7	21.2	21.2	20.5	20.3	20.7	21.0	21.2	21.1	21.6
	1GF	22.4	22.6	22.8	22.3	22.3	21.5	21.3	21.8	22.1	22.3	22.2	22.6
	1GG	17.1	17.6	17.8	17.2	17.2	16.5	16.1	16.5	16.8	17.0	16.9	17.3
	1HA1	21.2	21.4	21.6	21.1	21.0	20.2	20.0	20.6	20.8	21.1	21.2	21.3
	1HA2	23.5	23.7	23.9	23.4	23.3	22.5	22.4	22.9	23.1	23.4	23.4	23.7
	1HB1	23.2	23.3	23.5	23.1	23.0	22.2	22.0	22.5	22.8	23.1	23.0	23.3
	1HB2	22.7	22.9	23.1	22.6	22.5	21.6	21.5	22.1	22.3	22.6	22.7	22.8
	1HC	23.5	23.6	23.9	23.4	23.4	22.6	22.4	22.9	23.1	23.4	23.3	23.7
	1HD	21.9	22.1	22.3	21.8	21.8	21.0	20.8	21.3	21.5	21.9	21.7	22.1
	1HE	22.1	22.3	22.6	22.1	22.0	21.2	21.1	21.6	21.7	22.2	21.9	22.4
	1HF	22.8	23.0	23.3	22.8	22.7	21.9	21.7	22.3	22.4	22.8	22.6	23.1
	1HG	22.7	22.9	23.2	22.6	22.6	21.8	21.6	22.1	22.3	22.7	22.5	22.9
	1JA	16.3	16.8	17.0	16.4	16.5	15.7	15.1	15.6	15.9	16.2	15.9	16.5
	1JB	18.3	18.8	19.0	18.3	18.4	17.8	17.4	17.9	18.1	18.3	18.1	18.7
	1JC	17.2	17.8	17.9	17.3	17.4	16.8	16.4	16.8	17.1	17.2	17.1	17.7
	1JD	19.3	19.7	19.9	19.3	19.4	18.8	18.5	18.9	19.2	19.4	19.2	19.8
	1JE	18.6	18.9	19.2	18.7	18.6	17.8	17.4	17.9	18.2	18.7	18.3	18.8
	1JF	17.9	18.3	18.5	18.0	17.9	17.2	16.7	17.2	17.5	17.9	17.6	18.1
	1JG1	20.8	21.1	21.3	20.8	20.8	20.1	19.8	20.3	20.5	20.8	20.7	21.1
	1JG2	22.7	22.9	23.1	22.6	22.6	21.8	21.6	22.1	22.3	22.7	22.6	22.9
	1KA	21.4	21.5	21.8	21.3	21.3	20.4	20.3	20.8	20.9	21.4	21.0	21.6
	1KB	21.3	21.5	21.8	21.3	21.2	20.4	20.2	20.7	20.9	21.4	21.1	21.6
	1KC	20.4	20.7	21.0	20.5	20.4	19.6	19.1	19.7	19.9	20.5	20.1	20.6
	1LA1	16.6	17.1	17.4	16.8	16.8	15.9	15.2	15.7	16.0	16.5	16.2	16.7
	1LA2	19.9	20.2	20.5	20.0	19.9	19.1	18.5	19.1	19.4	20.0	19.6	20.0
	1LA3	18.5	19.0	19.3	18.6	18.2	17.1	16.0	16.6	17.5	18.5	17.8	18.2
	1LB1	16.8	17.4	17.6	17.1	17.0	16.1	15.3	15.8	16.1	16.6	16.3	16.8
	1LB2	18.7	19.1	19.4	18.9	18.7	17.8	16.9	17.5	17.9	18.7	18.2	18.6

Monthly Temperature by Sub-basin

Year 1996 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.1	28.0	27.6	27.6	27.3	25.1	24.9	25.4	26.3	26.8	26.3	26.3
	2AB	27.8	28.7	28.4	28.6	28.3	25.8	25.8	26.5	27.4	27.9	27.1	26.9
	2BA	18.6	19.1	19.4	19.0	18.9	17.7	17.6	17.9	18.1	18.5	18.5	18.4
	2BB	23.3	23.8	24.2	23.9	23.8	22.3	22.1	22.5	22.9	23.3	23.2	22.9
	2BC	21.7	22.2	22.5	22.1	22.1	20.6	20.6	21.0	21.3	21.7	21.6	21.4
	2BD	26.4	27.2	27.2	27.4	27.2	25.0	25.1	25.7	26.4	26.9	26.1	25.6
	2CA	27.9	28.8	28.8	29.2	28.9	26.4	26.5	27.2	28.1	28.6	27.6	27.1
	2CB	20.5	21.1	21.4	20.8	20.8	19.8	19.3	19.6	19.8	20.0	20.1	20.3
	2CC	25.3	26.0	26.2	26.2	26.0	24.2	24.0	24.4	24.9	25.4	25.0	24.8
	2D	23.5	24.3	24.6	24.3	24.1	22.6	22.2	22.4	22.9	23.4	23.2	23.1
	2EA	18.9	19.9	20.2	19.8	19.6	18.4	17.6	17.9	18.3	18.7	18.7	18.8
	2EB	18.4	19.4	19.8	19.3	19.1	18.0	17.2	17.4	17.8	18.3	18.3	18.4
	2EC	18.1	19.1	19.2	18.7	18.6	17.4	16.7	17.1	17.3	17.6	17.5	17.9
	2ED	16.0	16.7	16.9	16.3	16.3	15.4	14.9	15.2	15.4	15.6	15.6	16.0
	2EE	21.2	22.0	22.2	21.6	21.6	20.6	20.0	20.3	20.5	20.7	20.8	21.1
	2EF	18.6	19.3	19.5	18.9	18.9	17.9	17.3	17.7	17.9	18.1	18.1	18.5
	2EG1	14.8	15.7	15.9	15.3	15.2	14.2	13.5	13.9	14.1	14.5	14.3	14.8
	2EG2	20.8	21.7	22.0	21.5	21.3	20.2	19.6	19.8	20.2	20.5	20.5	20.7
	2EH	22.0	22.8	23.1	22.5	22.5	21.4	20.9	21.2	21.3	21.6	21.7	21.9
	2EJ	19.9	21.0	21.4	21.0	20.7	19.4	18.8	18.9	19.5	20.0	20.0	19.8
	2EK	18.3	19.3	19.7	19.2	19.0	17.9	17.2	17.3	17.8	18.2	18.3	18.3
	2FA	17.0	18.1	18.4	18.0	17.7	16.3	15.5	15.8	16.3	16.8	16.6	16.8
	2FB	17.8	19.0	19.1	18.6	18.4	17.1	16.5	16.8	17.1	17.3	17.2	17.6
	2FC	16.5	17.6	17.7	17.2	17.0	15.8	15.1	15.4	15.7	16.1	15.9	16.3
	2GA	16.3	17.3	17.7	17.4	17.0	15.6	14.7	15.0	15.7	16.3	16.1	16.1
	2GB	14.2	15.4	15.8	15.5	15.0	13.6	12.8	13.0	13.8	14.4	14.2	14.2
	2GC	13.1	14.3	14.8	14.5	13.9	12.4	11.4	11.6	12.9	13.8	13.3	13.3
	2GD	15.8	16.8	17.1	16.5	16.0	14.6	13.5	13.9	15.1	16.0	15.4	15.6
	2H-1	21.0	21.9	22.1	21.2	20.5	19.1	17.9	18.4	19.8	21.1	20.2	20.4
	2H-2	21.6	22.6	22.8	21.7	21.0	19.5	18.4	18.8	20.4	21.7	20.7	21.0
	2H-3	21.0	22.0	22.3	21.2	20.4	18.8	17.8	18.2	19.8	21.1	20.2	20.4
	2J	26.9	27.6	27.5	27.6	27.4	25.2	25.2	25.7	26.5	26.9	26.3	26.1
	2KA	16.9	17.5	17.8	17.3	16.9	15.8	14.6	15.3	15.9	16.8	16.2	16.5
	2KB	19.4	20.2	20.5	19.7	19.0	17.8	16.4	17.0	18.2	19.5	18.6	18.8
	2KC	22.5	23.4	23.6	22.7	22.1	20.7	19.4	20.0	21.3	22.6	21.7	21.9
ACA	3AA	19.1	20.1	20.3	19.2	18.5	17.0	15.9	16.3	17.9	19.2	18.2	18.5
	3AB	19.4	20.5	20.8	19.6	18.9	17.3	16.2	16.7	18.3	19.5	18.7	18.9
	3AC	19.9	21.0	21.3	20.3	19.6	18.0	17.0	17.3	19.0	20.2	19.4	19.6
	3BA	18.8	19.8	20.0	19.1	18.3	16.8	15.7	16.1	17.8	19.0	18.0	18.3
	3BB	18.8	19.8	20.0	19.1	18.4	16.9	15.8	16.2	17.9	19.1	18.1	18.4
	3BC	17.2	18.3	18.5	17.7	17.0	15.5	14.3	14.7	16.6	17.8	16.8	17.0
	3BD	17.9	19.1	19.4	18.6	17.9	16.4	15.2	15.5	17.4	18.7	17.7	17.9
	3CB	18.6	19.8	20.1	19.5	18.7	17.2	16.0	16.3	18.3	19.5	18.6	18.7
	3DA	20.9	22.1	22.4	21.6	20.8	19.2	18.1	18.5	20.2	21.5	20.7	20.8
	3DB	22.3	23.5	23.8	22.8	22.1	20.4	19.4	19.7	21.4	22.7	22.0	22.0
	3EA	19.5	20.7	21.1	20.0	19.2	17.5	16.5	16.9	18.6	19.9	19.1	19.2
	3EB	20.6	21.8	22.2	21.1	20.3	18.6	17.6	18.0	19.7	21.0	20.3	20.3
	3EC	20.7	21.8	22.1	20.9	20.1	18.4	17.5	17.9	19.5	20.8	20.1	20.2
	3ED	23.0	24.1	24.3	23.2	22.5	20.8	19.8	20.1	21.8	23.1	22.5	22.5
	3FA	22.2	23.2	23.3	22.1	21.3	19.7	18.7	19.1	20.7	21.9	21.3	21.4
	3FB	25.2	26.1	26.0	24.7	23.8	22.3	21.4	21.6	23.0	24.2	24.1	24.2
	3G	23.8	24.8	24.7	23.4	22.4	21.1	20.1	20.2	21.5	22.7	22.8	23.0
	3HA	26.2	27.2	27.1	25.7	24.5	23.6	22.5	22.4	23.5	24.7	25.3	25.6
	3HB	27.1	27.7	27.8	26.6	25.2	24.6	23.7	23.5	24.6	25.7	26.5	26.8
	3HC	27.3	27.7	28.0	27.0	25.4	25.0	24.1	23.9	24.8	25.9	26.8	27.1
	3HD1	27.3	27.7	28.0	26.9	25.4	25.1	23.9	23.7	24.6	25.7	26.6	27.0
	3HD2	27.7	28.0	28.4	27.5	25.8	25.5	24.5	24.4	25.3	26.3	27.2	27.5
	3J	23.9	24.8	24.7	23.4	22.3	21.3	20.2	20.1	21.3	22.4	23.0	23.3
	3K	27.0	27.4	27.6	26.4	25.0	24.4	23.3	23.1	24.1	25.2	26.3	26.8
	3LA	26.4	27.1	27.2	25.9	24.6	24.0	22.9	22.7	23.7	24.9	25.7	26.1
	3LB	27.4	27.8	28.0	27.0	25.5	25.2	23.9	23.7	24.6	25.7	26.6	27.1
	3MA-1	24.6	25.4	25.3	24.0	22.8	22.0	21.0	20.8	21.9	23.0	23.8	24.1
	3MA-2	25.9	26.4	26.5	25.3	24.0	23.4	22.3	22.1	23.2	24.3	25.2	25.7
	3MB	26.5	26.9	27.1	26.0	24.5	24.0	22.8	22.6	23.6	24.7	25.8	26.3
	3MC	26.4	26.8	26.9	25.8	24.4	23.8	22.6	22.4	23.4	24.5	25.6	26.1
	3MD1	26.8	27.1	27.3	26.3	24.9	24.3	23.1	22.8	23.8	24.8	25.9	26.5
	3MD2	27.1	27.4	27.6	26.5	25.0	24.4	23.1	22.9	23.9	24.9	26.2	26.8
	3N	21.5	22.5	22.7	21.4	20.6	19.0	18.1	18.4	20.0	21.2	20.6	20.7

Monthly Temperature by Sub-basin

Year 1996 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.0	15.4	16.4	16.3	15.5	13.5	12.4	12.6	14.7	15.9	15.3	14.4
	4AB	14.9	16.2	17.2	17.1	16.3	14.5	13.4	13.5	15.4	16.5	16.0	15.3
	4AC	14.6	16.0	16.9	16.9	16.1	14.2	13.1	13.2	15.2	16.3	15.7	15.1
	4AD	14.8	16.2	17.0	17.0	16.1	14.2	13.1	13.2	15.3	16.5	15.8	15.3
	4BA	19.0	20.5	21.3	21.1	20.3	18.3	17.0	17.3	19.5	20.8	20.0	19.3
	4BB	16.0	17.4	18.3	18.2	17.4	15.3	14.1	14.4	16.6	17.8	17.1	16.2
	4BC	19.0	20.5	21.2	21.0	20.3	18.2	17.0	17.3	19.5	20.8	19.9	19.2
	4BD	16.9	18.4	19.0	18.8	18.0	16.1	14.9	15.1	17.3	18.6	17.8	17.3
	4BE	18.2	19.8	20.3	20.0	19.2	17.4	16.2	16.4	18.6	19.9	18.9	18.6
	4BF	20.1	21.6	22.1	21.7	20.9	19.2	18.0	18.2	20.3	21.6	20.7	20.4
	4BG	21.3	22.8	23.3	22.9	22.1	20.3	19.1	19.4	21.4	22.7	21.9	21.4
	4CA	15.0	16.2	16.7	16.2	15.4	13.7	12.6	12.8	15.0	16.2	15.3	15.3
	4CB	16.9	18.2	18.6	18.2	17.4	15.8	14.6	14.8	17.0	18.2	17.3	17.3
	4CC	20.5	21.9	22.3	21.7	21.0	19.3	18.1	18.4	20.4	21.7	20.8	20.7
	4DA	18.6	20.0	20.8	20.6	19.9	17.8	16.6	16.9	19.0	20.3	19.5	18.6
	4DB	16.7	18.1	19.0	18.7	18.1	15.9	14.8	15.1	17.1	18.5	17.6	16.7
	4DC	16.1	17.5	18.5	18.1	17.5	15.3	14.2	14.6	16.6	17.9	17.0	16.1
	4DD	21.2	22.7	23.5	23.1	22.5	20.4	19.2	19.6	21.6	22.9	22.1	21.2
	4DE	21.7	23.2	23.7	23.0	22.3	20.5	19.3	19.7	21.6	23.0	22.1	21.7
	4EA	19.0	20.3	21.2	20.9	20.3	18.2	17.2	17.7	19.6	20.7	20.0	18.9
	4EB	17.8	19.2	20.1	19.8	19.2	17.1	16.0	16.4	18.4	19.6	18.8	17.8
	4EC	20.9	22.3	23.2	22.9	22.2	20.1	19.0	19.4	21.4	22.7	21.8	20.9
	4ED	22.2	23.6	24.3	23.8	23.1	21.1	20.0	20.4	22.3	23.6	22.8	22.1
	4FA	19.8	21.1	22.0	21.6	21.2	19.0	18.1	18.6	20.5	21.6	20.8	19.7
	4FB	23.6	25.0	25.8	25.5	24.9	22.8	21.8	22.2	24.1	25.3	24.6	23.5
	4GA	25.2	26.4	27.3	27.0	26.2	24.3	23.2	23.6	25.3	26.5	26.0	24.7
	4GB	26.8	27.9	28.6	28.2	27.3	25.6	24.6	24.8	26.3	27.6	27.2	25.8
	4GC	28.8	29.7	30.3	29.8	28.7	27.2	26.3	26.3	27.3	28.6	28.6	26.8
	4GD	27.7	28.6	29.3	28.8	27.6	26.2	25.2	25.4	26.6	27.8	27.7	26.0
	4GE	26.9	27.9	28.4	27.8	26.7	25.2	24.3	24.5	25.9	27.1	26.8	25.7
	4GF	27.2	28.1	28.4	27.7	26.4	25.2	24.4	24.5	25.7	27.0	26.9	26.3
	4GG	27.7	28.1	28.5	27.9	26.1	25.7	24.7	24.6	25.5	26.5	27.2	27.3
	4HA	24.4	25.5	25.6	24.5	23.7	22.1	21.1	21.4	23.0	24.2	23.8	23.8
	4HB	27.5	28.3	28.5	27.4	26.2	25.1	24.3	24.4	25.6	26.8	26.9	26.6
	4HC	27.1	27.9	27.9	26.7	25.4	24.6	23.5	23.4	24.5	25.6	26.2	26.5
	4JA	28.9	29.6	30.1	29.7	28.3	27.2	26.3	26.4	27.3	28.4	28.4	27.0
	4JB	28.5	29.1	29.6	29.1	27.4	26.8	25.6	25.6	26.4	27.4	27.8	27.3
	4KA	28.6	29.2	29.7	29.2	27.6	26.8	25.8	25.8	26.6	27.7	28.0	27.2
	4KB	28.4	29.0	29.5	29.1	27.4	26.7	25.7	25.7	26.5	27.6	27.9	27.3
ENNCA	5AA	15.8	16.8	17.4	16.9	16.6	15.4	14.6	14.8	15.3	15.8	15.9	15.7
	5AB	15.9	17.0	17.7	17.3	16.9	15.5	14.6	14.8	15.6	16.2	16.2	15.9
	5AC	17.8	18.9	19.5	19.1	18.8	17.3	16.4	16.7	17.6	18.2	18.1	17.7
	5AD	17.8	18.9	19.6	19.2	18.9	17.3	16.4	16.7	17.7	18.4	18.2	17.7
	5BA	16.0	17.4	18.2	18.0	17.3	15.5	14.6	14.6	16.3	17.4	16.9	16.2
	5BB	14.5	15.7	16.5	16.3	15.7	14.0	13.1	13.2	14.6	15.5	15.1	14.6
	5BC-1	15.7	17.0	17.8	17.5	17.0	15.2	14.3	14.4	15.9	16.9	16.5	15.8
	5BC-2	18.0	19.5	20.0	19.7	19.2	17.4	16.6	16.8	18.2	19.1	18.7	18.0
	5BD	16.8	17.9	18.7	18.3	17.9	16.4	15.4	15.7	16.7	17.4	17.2	16.8
	5BE	14.3	15.7	16.5	16.2	15.6	13.7	12.8	13.0	14.7	15.8	15.2	14.3
	5CA	17.3	18.4	19.0	18.7	18.3	16.8	15.9	16.2	17.2	17.9	17.6	17.2
	5CB	19.7	20.8	21.5	21.2	20.8	19.1	18.2	18.5	19.7	20.5	20.2	19.7
	5CC	19.8	20.8	21.3	21.1	20.8	19.0	18.4	18.6	19.5	20.2	20.0	19.6
	5DA	19.0	20.2	21.1	20.7	20.3	18.3	17.4	17.8	19.5	20.5	19.9	18.9
	5DB	17.9	19.4	20.0	19.6	19.2	17.2	16.4	16.6	18.2	19.3	18.7	17.8
	5DC	18.2	19.6	20.1	19.8	19.4	17.7	16.8	17.1	18.3	19.1	18.8	18.2
	5DD	20.8	22.3	22.9	22.6	22.1	20.2	19.4	19.6	21.1	22.1	21.6	20.8
	5EA	28.7	29.6	28.9	28.4	27.8	26.1	25.3	25.5	26.3	26.9	27.2	27.3
	5EB	27.7	28.7	27.8	27.3	26.7	25.0	24.2	24.6	25.5	26.1	26.3	26.6
	5EC	25.4	26.4	26.2	26.0	25.6	23.7	22.9	23.2	24.3	25.0	24.9	24.9
	5ED	25.5	26.6	27.0	26.7	26.2	24.3	23.4	23.7	24.9	25.9	25.5	24.9
	5FA	28.3	29.2	29.6	29.3	28.3	26.7	25.8	26.0	27.0	28.1	27.9	26.8
	5FB	29.0	29.9	30.0	29.7	28.9	27.3	26.4	26.5	27.3	28.3	28.3	27.6
	5G	27.6	28.4	27.7	27.1	26.5	24.9	24.1	24.4	25.3	25.7	26.0	26.3
	5HA	29.2	29.7	29.6	28.9	28.5	26.8	26.1	26.2	27.3	27.6	27.7	27.7
	5HB	27.5	28.2	27.7	27.1	26.6	24.9	24.2	24.4	25.4	25.8	26.0	26.2
	5J	26.0	26.9	26.5	26.4	26.0	23.9	23.5	23.9	24.8	25.3	25.1	25.3

Monthly Temperature by Sub-basin

Year 1997 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.8	21.8	23.0	20.6	19.9	19.9	19.7	20.0	21.2	21.0	20.2	20.1
	1AB	17.8	18.8	20.0	17.7	16.9	17.0	16.7	17.0	18.2	18.0	17.2	17.2
	1AC	21.3	22.3	23.5	21.1	20.3	20.4	20.2	20.5	21.7	21.5	20.7	20.6
	1AD	22.8	23.9	25.2	22.7	21.9	21.9	21.8	22.1	23.4	23.1	22.3	22.2
	1AE	23.5	24.7	25.9	23.3	22.5	22.6	22.4	22.8	24.3	23.8	22.9	22.8
	1AF	22.8	23.9	25.2	22.7	21.9	21.9	21.8	22.1	23.4	23.1	22.3	22.2
	1AG	23.0	24.1	25.4	22.8	22.0	22.1	21.9	22.3	23.6	23.3	22.4	22.3
	1AH	23.3	24.6	25.8	23.1	22.4	22.4	22.3	22.7	24.2	23.7	22.7	22.6
	1BA	16.4	17.3	18.4	16.4	15.5	15.5	15.3	15.7	16.7	16.6	15.9	15.9
	1BB	17.1	18.2	19.2	17.1	16.4	16.4	16.1	16.4	17.5	17.4	16.7	16.6
	1BC	18.1	19.2	20.2	18.1	17.5	17.4	17.1	17.4	18.4	18.4	17.7	17.6
	1BD	18.9	19.8	20.9	18.7	18.0	18.0	17.7	18.0	19.1	19.0	18.3	18.3
	1BE	18.5	19.5	20.4	18.4	17.8	17.7	17.3	17.6	18.6	18.6	17.9	17.9
	1BG	18.5	19.5	20.5	18.4	17.7	17.7	17.3	17.6	18.7	18.6	17.9	17.9
	1BH	18.1	19.1	20.2	18.0	17.2	17.2	16.9	17.2	18.4	18.2	17.5	17.5
	1CA	17.8	18.7	19.9	17.6	16.8	16.9	16.6	16.9	18.1	17.9	17.2	17.2
	1CB	17.6	18.5	19.7	17.4	16.6	16.7	16.4	16.7	17.8	17.7	16.9	16.9
	1CC	16.8	17.7	18.9	16.7	15.8	15.9	15.7	16.1	17.1	16.9	16.2	16.2
	1CD	18.6	19.6	20.9	18.4	17.6	17.7	17.5	17.8	19.0	18.8	18.0	18.0
	1CE	19.8	20.8	22.0	19.7	18.9	18.9	18.7	19.0	20.2	20.0	19.2	19.2
	1DA	20.9	22.0	23.3	20.8	20.0	20.0	19.8	20.1	21.3	21.1	20.3	20.3
	1DB	18.3	19.3	20.5	18.1	17.4	17.4	17.1	17.4	18.6	18.4	17.7	17.6
	1DC	21.8	22.9	24.2	21.6	20.8	20.9	20.7	21.0	22.2	22.0	21.2	21.1
	1DD	22.3	23.4	24.7	22.1	21.3	21.3	21.2	21.5	22.8	22.5	21.7	21.6
	1EA	20.1	21.2	22.6	19.9	19.1	19.1	18.9	19.3	20.6	20.3	19.5	19.4
	1EB	21.7	22.9	24.3	21.5	20.7	20.7	20.5	20.8	22.1	21.9	21.1	21.0
	1EC	21.6	22.7	24.1	21.5	20.6	20.7	20.5	20.8	22.1	21.8	21.0	21.0
	1ED	22.6	23.7	25.1	22.4	21.6	21.7	21.5	21.9	23.3	22.9	22.0	21.9
	1EE	23.2	24.5	25.7	23.0	22.2	22.3	22.2	22.5	24.1	23.6	22.6	22.5
	1EF	23.4	24.7	25.9	23.1	22.4	22.5	22.4	22.8	24.3	23.8	22.8	22.7
	1EG	22.8	24.0	25.4	22.6	21.8	21.9	21.9	22.2	23.7	23.2	22.3	22.1
	1FA	16.5	17.5	18.7	16.4	15.5	15.7	15.5	15.8	16.9	16.7	15.9	15.9
	1FB	18.6	19.6	20.9	18.4	17.6	17.7	17.5	17.8	19.1	18.8	18.0	17.9
	1FC	18.9	19.9	21.3	18.8	17.9	18.0	17.9	18.2	19.5	19.2	18.4	18.3
	1FD	18.2	19.2	20.4	18.0	17.2	17.3	17.2	17.5	18.7	18.4	17.6	17.6
	1FE	20.8	22.0	23.4	20.6	19.8	19.9	19.8	20.2	21.6	21.2	20.3	20.2
	1FF	21.3	22.6	24.0	21.2	20.4	20.6	20.6	21.0	22.5	21.9	21.0	20.8
	1FG	23.1	24.4	25.6	22.9	22.1	22.3	22.2	22.6	24.2	23.6	22.6	22.4
LVSCA	1GA	16.9	17.8	19.0	16.8	15.9	16.1	15.9	16.3	17.4	17.1	16.3	16.3
	1GB	20.1	21.2	22.4	19.8	19.0	19.2	19.1	19.5	20.8	20.3	19.4	19.4
	1GC	17.2	17.9	18.9	17.1	16.2	16.4	16.1	16.5	17.3	17.2	16.6	16.7
	1GD	21.8	22.8	24.0	21.5	20.8	20.9	20.8	21.3	22.5	22.0	21.1	21.1
	1GE	21.6	22.6	23.8	21.3	20.6	20.8	20.6	21.1	22.3	21.8	20.9	20.9
	1GF	22.6	23.8	24.9	22.3	21.6	21.8	21.7	22.2	23.6	23.0	22.0	21.9
	1GG	17.5	18.3	19.5	17.3	16.5	16.7	16.4	16.8	17.8	17.5	16.9	16.9
	1HA1	21.1	22.5	23.9	21.0	20.2	20.5	20.5	20.9	22.5	21.9	20.9	20.6
	1HA2	23.5	24.8	26.1	23.3	22.6	22.8	22.8	23.2	24.8	24.2	23.2	22.9
	1HB1	23.1	24.5	25.8	23.0	22.2	22.4	22.4	22.8	24.4	23.8	22.8	22.6
	1HB2	22.5	23.9	25.3	22.5	21.6	21.9	22.0	22.5	24.1	23.4	22.4	22.1
	1HC	23.6	24.9	26.1	23.3	22.6	22.8	22.8	23.2	24.7	24.1	23.1	22.9
	1HD	22.1	23.5	24.5	21.7	21.1	21.3	21.2	21.7	23.2	22.5	21.4	21.3
	1HE	22.4	23.9	24.7	21.9	21.4	21.5	21.4	21.9	23.5	22.8	21.6	21.5
	1HF	23.0	24.4	25.4	22.7	22.1	22.2	22.1	22.6	24.1	23.5	22.4	22.2
	1HG	22.9	24.3	25.3	22.6	22.0	22.1	22.0	22.5	24.0	23.3	22.3	22.1
	1JA	16.8	17.6	18.3	16.6	15.8	15.8	15.5	15.9	16.7	16.7	16.0	16.2
	1JB	18.8	19.7	20.6	18.6	17.9	18.0	17.8	18.2	19.1	18.8	18.1	18.1
	1JC	17.8	18.6	19.6	17.6	16.8	17.0	16.7	17.2	18.0	17.7	17.0	17.1
	1JD	19.8	20.8	21.8	19.5	18.9	19.0	18.8	19.2	20.3	19.9	19.1	19.1
	1JE	19.0	20.2	20.9	18.6	18.0	18.0	17.8	18.3	19.5	19.3	18.2	18.3
	1JF	18.3	19.3	20.1	18.0	17.3	17.4	17.1	17.5	18.6	18.5	17.6	17.6
	1JG1	21.1	22.4	23.4	20.8	20.2	20.3	20.2	20.7	22.0	21.4	20.4	20.3
	1JG2	22.9	24.2	25.3	22.6	21.9	22.1	22.0	22.5	24.0	23.4	22.3	22.1
	1KA	21.6	23.2	23.9	21.1	20.7	20.7	20.6	21.2	22.8	22.0	20.7	20.6
	1KB	21.5	23.0	23.8	21.2	20.6	20.7	20.6	21.1	22.6	22.0	20.8	20.7
	1KC	20.7	22.0	22.7	20.4	19.7	19.7	19.6	20.1	21.4	21.1	20.0	20.0
	1LA1	17.1	17.9	18.5	16.9	16.0	16.0	15.6	16.1	16.9	17.1	16.4	16.5
	1LA2	20.3	21.4	22.0	20.0	19.2	19.2	18.9	19.4	20.7	20.6	19.6	19.6
	1LA3	18.9	19.8	20.2	18.7	17.6	17.2	16.6	17.2	18.4	18.7	18.1	18.2
	1LB1	17.3	18.1	18.5	17.1	16.2	16.1	15.6	16.1	16.9	17.3	16.5	16.7
	1LB2	19.1	20.1	20.5	18.9	18.0	17.8	17.3	17.8	18.8	19.2	18.4	18.5

Monthly Temperature by Sub-basin

Year 1997 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.4	27.9	28.0	26.2	26.5	26.6	25.5	26.0	27.0	26.7	25.9	26.2
	2AB	28.0	28.4	28.8	26.8	27.4	27.5	26.3	27.0	28.0	27.8	26.6	26.9
	2BA	18.8	19.8	20.8	18.7	18.1	18.1	17.7	18.1	19.2	19.1	18.3	18.3
	2BB	23.5	24.2	25.2	23.3	22.9	22.9	22.3	22.9	23.8	23.7	22.9	23.0
	2BC	21.9	22.8	23.8	21.6	21.2	21.3	20.7	21.2	22.3	22.2	21.3	21.3
	2BD	26.5	27.0	27.8	25.6	26.2	26.3	25.1	25.9	27.0	26.8	25.5	25.7
	2CA	28.2	28.5	29.1	27.1	27.9	28.0	26.6	27.4	28.5	28.2	26.9	27.2
	2CB	20.9	21.4	22.4	20.9	19.8	19.8	19.5	20.1	20.5	20.7	20.2	20.3
	2CC	25.6	26.1	26.8	25.1	24.9	24.9	24.1	24.7	25.5	25.5	24.7	24.9
	2D	23.9	24.3	25.0	23.7	22.9	22.9	22.3	22.7	23.4	23.6	23.1	23.3
	2EA	19.5	19.5	20.5	19.6	18.3	18.2	17.9	18.4	18.7	19.1	18.9	19.1
	2EB	19.0	19.1	20.1	19.2	17.8	17.8	17.5	18.0	18.3	18.7	18.6	18.7
	2EC	18.6	18.9	19.6	18.7	17.4	17.5	17.0	17.4	17.9	18.3	17.9	18.1
	2ED	16.3	16.9	17.9	16.4	15.3	15.4	15.1	15.7	16.2	16.3	15.8	15.9
	2EE	21.6	22.0	22.9	21.7	20.5	20.6	20.2	20.8	21.1	21.4	21.0	21.1
	2EF	18.9	19.3	20.3	19.0	17.8	17.9	17.6	18.3	18.5	18.7	18.3	18.5
	2EG1	15.3	15.7	16.4	15.4	14.2	14.3	13.8	14.4	14.7	15.1	14.7	14.9
	2EG2	21.4	21.6	22.5	21.5	20.2	20.2	19.8	20.3	20.7	21.0	20.7	20.9
	2EH	22.5	22.8	23.7	22.6	21.4	21.5	21.1	21.5	21.9	22.2	21.9	22.0
	2EJ	20.6	20.8	21.7	20.8	19.5	19.5	19.0	19.4	20.0	20.4	20.2	20.3
	2EK	19.0	19.1	20.0	19.0	17.7	17.7	17.3	17.8	18.2	18.6	18.4	18.5
	2FA	17.6	17.8	18.5	17.7	16.5	16.4	15.8	16.1	16.9	17.4	17.1	17.3
	2FB	18.3	18.6	19.3	18.4	17.2	17.3	16.7	17.1	17.7	17.9	17.6	17.8
	2FC	17.0	17.4	18.0	17.1	15.9	15.9	15.3	15.7	16.3	16.8	16.4	16.6
	2GA	17.0	17.2	17.9	17.1	15.9	15.7	15.2	15.4	16.2	16.8	16.5	16.6
	2GB	15.0	15.1	16.0	15.2	13.9	13.8	13.3	13.5	14.4	14.8	14.5	14.7
	2GC	14.2	14.3	15.2	14.1	13.1	12.8	12.1	12.4	13.6	13.8	13.6	13.7
	2GD	16.5	17.0	17.6	16.4	15.2	14.8	14.0	14.5	15.7	16.1	15.7	15.9
	2H-1	21.4	22.2	22.9	21.4	19.9	19.2	18.4	19.2	20.6	20.9	20.5	20.7
	2H-2	22.1	22.9	23.7	22.0	20.5	19.7	18.8	19.7	21.3	21.4	21.1	21.3
	2H-3	21.5	22.3	23.2	21.5	19.8	19.1	18.2	19.1	20.8	20.9	20.5	20.7
	2J	27.1	27.6	28.1	26.1	26.5	26.5	25.4	26.1	27.1	26.9	25.8	26.1
	2KA	17.3	18.0	18.3	17.3	16.1	15.8	15.1	15.6	16.4	17.3	16.7	16.9
	2KB	19.8	20.6	21.1	19.8	18.4	17.8	16.9	17.7	18.9	19.5	19.0	19.3
	2KC	22.9	23.7	24.3	22.9	21.5	20.8	19.9	20.7	22.1	22.5	22.1	22.3
ACA	3AA	19.5	20.3	21.2	19.5	17.9	17.2	16.3	17.2	18.9	18.9	18.5	18.8
	3AB	20.0	20.8	21.6	19.9	18.3	17.5	16.7	17.6	19.2	19.3	18.9	19.2
	3AC	20.7	21.5	22.3	20.6	19.0	18.3	17.4	18.3	19.9	20.1	19.6	19.9
	3BA	19.4	20.2	21.0	19.3	17.8	17.0	16.2	17.1	18.7	18.7	18.4	18.6
	3BB	19.5	20.2	21.1	19.4	17.9	17.1	16.3	17.1	18.8	18.8	18.4	18.7
	3BC	18.0	18.8	19.6	18.0	16.6	15.8	14.9	15.8	17.4	17.4	17.0	17.3
	3BD	18.9	19.7	20.6	18.9	17.5	16.7	15.8	16.7	18.3	18.3	18.0	18.2
	3CB	19.8	20.5	21.4	19.7	18.3	17.5	16.7	17.6	19.2	19.2	18.8	19.1
	3DA	21.9	22.8	23.6	21.9	20.3	19.6	18.7	19.6	21.2	21.3	20.9	21.1
	3DB	23.2	24.1	24.8	23.2	21.5	20.8	20.0	20.8	22.4	22.5	22.0	22.2
	3EA	20.4	21.2	21.9	20.2	18.6	17.9	17.1	17.9	19.5	19.6	19.2	19.5
	3EB	21.5	22.4	23.0	21.4	19.7	19.0	18.2	19.0	20.6	20.7	20.3	20.5
	3EC	21.3	22.2	22.8	21.2	19.5	18.8	18.0	18.8	20.5	20.6	20.1	20.2
	3ED	23.6	24.6	25.1	23.6	21.9	21.2	20.4	21.2	22.8	22.9	22.4	22.5
	3FA	22.4	23.4	24.0	22.5	20.7	20.1	19.2	20.0	21.6	21.7	21.2	21.4
	3FB	24.9	25.8	26.3	24.9	23.1	22.7	21.9	22.4	23.8	24.0	23.7	23.7
	3G	23.7	24.4	24.9	23.6	21.8	21.5	20.7	21.1	22.4	22.5	22.5	22.5
	3HA	25.9	26.5	27.2	25.9	24.0	23.8	23.2	23.2	24.4	24.4	24.9	24.9
	3HB	26.8	27.0	27.9	26.9	25.1	24.7	24.3	24.2	25.1	25.1	25.9	26.2
	3HC	26.9	26.9	27.9	27.1	25.6	24.9	24.4	24.6	25.2	25.3	26.2	26.6
	3HD1	26.9	26.9	27.9	27.1	25.6	24.8	24.2	24.6	25.2	25.2	26.1	26.6
	3HD2	27.2	27.2	28.2	27.5	26.1	25.2	24.7	25.0	25.5	25.5	26.5	27.0
	3J	23.7	24.3	24.9	23.7	21.8	21.6	21.0	21.0	22.2	22.3	22.7	22.8
	3K	26.8	26.8	27.8	26.9	25.1	24.6	24.3	24.0	24.9	25.1	26.0	26.4
	3LA	26.1	26.3	27.2	26.2	24.4	24.0	23.6	23.5	24.4	24.5	25.3	25.6
	3LB	27.0	27.0	28.0	27.2	25.7	24.9	24.3	24.6	25.3	25.3	26.2	26.7
	3MA-1	24.3	24.7	25.4	24.3	22.4	22.2	21.7	21.6	22.6	22.7	23.3	23.5
	3MA-2	25.6	25.7	26.7	25.8	23.9	23.5	23.3	22.9	23.8	24.0	24.8	25.2
	3MB	26.3	26.3	27.3	26.4	24.6	24.1	23.8	23.6	24.4	24.6	25.6	26.0
	3MC	26.2	26.2	27.2	26.3	24.5	24.0	23.7	23.4	24.2	24.5	25.4	25.9
	3MD1	26.5	26.4	27.5	26.8	24.9	24.4	23.8	23.9	24.7	25.0	26.0	26.5
	3MD2	27.1	26.9	27.9	27.1	25.3	24.8	24.3	24.1	24.9	25.3	26.3	26.8
	3N	21.7	22.6	23.3	21.7	20.0	19.4	18.5	19.3	20.9	21.0	20.6	20.7

Monthly Temperature by Sub-basin

Year 1997 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.4	15.7	16.8	15.7	14.8	14.4	13.6	14.1	15.4	15.6	15.3	15.2
	4AB	16.2	16.4	17.5	16.5	15.5	15.2	14.4	14.8	16.1	16.3	16.0	16.1
	4AC	16.1	16.2	17.3	16.2	15.3	14.9	14.1	14.5	15.9	16.1	15.8	15.8
	4AD	16.3	16.5	17.5	16.3	15.5	15.0	14.2	14.6	16.0	16.2	15.9	16.0
	4BA	20.4	20.8	21.8	20.6	19.7	19.2	18.3	18.8	20.2	20.4	20.1	20.1
	4BB	17.3	17.8	18.8	17.6	16.7	16.3	15.4	15.9	17.3	17.5	17.1	17.1
	4BC	20.3	20.9	21.8	20.6	19.6	19.2	18.3	18.8	20.2	20.4	20.0	20.0
	4BD	18.4	18.8	19.7	18.4	17.5	16.9	16.0	16.6	18.1	18.2	17.9	18.0
	4BE	19.7	20.2	21.1	19.8	18.8	18.1	17.1	17.9	19.4	19.5	19.1	19.2
	4BF	21.5	22.3	23.2	21.8	20.5	19.8	18.9	19.7	21.2	21.4	21.0	21.1
	4BG	22.6	23.4	24.2	22.9	21.7	21.0	20.1	20.8	22.4	22.5	22.1	22.2
	4CA	16.3	16.9	17.8	16.2	15.0	14.3	13.4	14.3	15.8	15.7	15.4	15.6
	4CB	18.3	18.9	19.9	18.3	17.0	16.3	15.4	16.2	17.9	17.8	17.5	17.7
	4CC	21.9	22.7	23.5	22.0	20.6	19.8	19.0	19.8	21.4	21.5	21.0	21.2
	4DA	19.8	20.5	21.5	20.3	19.2	18.7	17.9	18.4	19.8	20.0	19.6	19.5
	4DB	17.9	18.6	19.6	18.4	17.3	16.9	16.1	16.5	17.9	18.1	17.7	17.6
	4DC	17.4	18.1	19.0	17.8	16.8	16.4	15.5	16.0	17.4	17.5	17.1	17.0
	4DD	22.5	23.2	24.1	22.9	21.8	21.3	20.4	20.9	22.4	22.5	22.2	22.1
	4DE	23.0	23.7	24.5	23.1	21.9	21.2	20.3	21.0	22.6	22.7	22.2	22.3
	4EA	19.9	20.6	21.7	20.6	19.4	19.3	18.5	18.9	20.3	20.3	20.0	19.8
	4EB	19.0	19.6	20.6	19.5	18.4	18.1	17.3	17.7	19.1	19.2	18.8	18.7
	4EC	22.1	22.8	23.8	22.6	21.5	21.1	20.3	20.7	22.1	22.2	21.9	21.8
	4ED	23.3	24.1	24.9	23.6	22.5	22.0	21.1	21.7	23.2	23.2	22.9	22.9
	4FA	20.7	21.4	22.5	21.4	20.2	20.1	19.3	19.7	21.1	21.1	20.8	20.6
	4FB	24.5	25.3	26.3	25.1	24.0	23.8	23.0	23.4	24.8	24.8	24.4	24.3
	4GA	25.7	26.7	27.6	26.5	25.3	25.0	24.3	24.7	26.0	26.0	25.5	25.4
	4GB	26.9	28.0	28.9	27.7	26.6	26.1	25.4	25.9	27.1	27.1	26.4	26.3
	4GC	27.6	29.6	30.3	29.1	28.0	27.3	26.6	27.2	28.2	28.1	27.2	27.1
	4GD	26.9	28.6	29.4	28.2	27.1	26.3	25.6	26.2	27.3	27.3	26.5	26.5
	4GE	26.7	27.9	28.6	27.5	26.2	25.5	24.7	25.4	26.5	26.6	26.0	26.0
	4GF	26.9	27.8	28.5	27.5	26.1	25.3	24.5	25.1	26.2	26.3	26.0	26.1
	4GG	27.0	27.2	28.3	27.7	26.3	25.3	24.8	25.1	25.7	25.8	26.5	26.9
	4HA	24.7	25.6	26.2	24.8	23.1	22.5	21.7	22.4	23.9	24.0	23.6	23.7
	4HB	27.0	27.9	28.5	27.4	25.8	25.2	24.4	25.0	26.0	26.1	26.1	26.2
	4HC	26.8	27.2	27.9	26.9	25.1	24.7	24.0	24.3	25.3	25.3	25.8	26.0
	4JA	27.5	29.1	30.0	28.9	27.8	27.0	26.4	27.0	27.8	27.6	27.1	27.2
	4JB	27.1	28.2	29.3	28.5	27.3	26.3	25.6	26.2	26.9	26.8	27.0	27.2
	4KA	27.2	28.4	29.4	28.6	27.4	26.5	25.8	26.4	27.1	27.0	27.0	27.2
	4KB	27.2	28.2	29.3	28.5	27.3	26.3	25.6	26.2	26.9	26.9	26.9	27.2
ENNCA	5AA	16.5	16.4	17.5	16.9	15.4	15.3	15.0	15.3	15.8	16.4	16.2	16.3
	5AB	16.7	16.7	17.8	17.1	15.7	15.6	15.2	15.3	16.1	16.6	16.4	16.5
	5AC	18.5	18.7	19.7	19.0	17.6	17.6	17.1	17.2	18.1	18.5	18.3	18.4
	5AD	18.6	18.7	19.8	19.0	17.6	17.6	17.1	17.2	18.2	18.6	18.4	18.4
	5BA	17.2	17.4	18.4	17.5	16.3	16.1	15.5	15.7	16.9	17.2	17.0	17.0
	5BB	15.6	15.7	16.7	15.7	14.6	14.4	13.8	14.0	15.1	15.5	15.2	15.3
	5BC-1	16.7	17.0	18.1	17.1	15.8	15.8	15.2	15.4	16.5	16.8	16.6	16.6
	5BC-2	18.8	19.1	20.3	19.3	17.9	18.0	17.5	17.7	18.7	19.0	18.8	18.8
	5BD	17.7	17.8	18.8	18.0	16.6	16.6	16.1	16.2	17.2	17.6	17.4	17.5
	5BE	15.2	15.7	16.8	15.8	14.5	14.5	13.9	14.2	15.3	15.5	15.3	15.2
	5CA	18.0	18.2	19.3	18.4	17.0	17.0	16.6	16.7	17.7	18.0	17.8	17.8
	5CB	20.5	20.8	21.7	20.8	19.5	19.5	19.0	19.2	20.1	20.2	20.1	20.2
	5CC	20.4	20.8	21.4	20.4	19.1	19.2	18.7	19.1	19.8	19.8	19.7	19.8
	5DA	19.8	20.3	21.5	20.4	19.2	19.2	18.5	18.9	20.1	20.2	19.9	19.8
	5DB	18.7	19.2	20.3	19.3	18.1	18.0	17.4	17.7	18.8	19.0	18.8	18.7
	5DC	19.0	19.3	20.4	19.4	18.1	18.0	17.6	17.8	18.8	19.1	18.9	18.9
	5DD	21.7	22.1	23.2	22.3	20.9	20.9	20.4	20.6	21.7	21.9	21.7	21.7
	5EA	28.2	29.2	29.4	27.6	26.6	26.8	26.1	26.6	27.4	26.5	26.0	26.1
	5EB	27.5	28.5	28.5	26.7	25.8	25.9	25.2	25.6	26.5	25.8	25.4	25.6
	5EC	25.8	26.6	26.6	25.4	24.4	24.4	23.7	24.0	24.9	24.5	24.4	24.6
	5ED	25.8	26.7	27.2	26.0	24.9	24.9	24.2	24.6	25.6	25.3	25.0	25.1
	5FA	27.5	28.9	29.7	28.4	27.3	26.9	26.3	26.8	27.8	27.5	26.9	26.9
	5FB	28.4	29.5	30.1	28.7	27.6	27.4	26.8	27.3	28.2	27.7	27.1	27.2
	5G	27.2	28.1	28.3	26.5	25.8	25.9	25.1	25.6	26.4	25.3	25.0	25.0
	5HA	28.5	29.1	29.9	28.1	27.6	27.8	26.9	27.5	28.3	26.7	26.4	26.2
	5HB	27.1	27.8	28.2	26.5	25.9	26.0	25.2	25.7	26.5	25.2	24.9	24.8
	5J	26.3	27.0	26.9	25.3	25.0	25.0	24.1	24.6	25.5	25.0	24.6	24.9

Monthly Temperature by Sub-basin

Year 1998 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.2	20.9	22.0	21.9	20.8	19.7	19.4	19.9	20.0	20.4	20.2	20.4
	1AB	17.2	18.0	19.1	19.0	17.9	16.8	16.5	16.9	17.0	17.5	17.3	17.4
	1AC	20.7	21.5	22.5	22.4	21.3	20.2	19.9	20.4	20.5	20.9	20.7	20.9
	1AD	22.3	23.0	24.1	23.9	22.9	21.8	21.5	22.0	22.1	22.5	22.3	22.6
	1AE	22.9	23.7	24.7	24.6	23.5	22.4	22.1	22.7	22.8	23.2	23.0	23.3
	1AF	22.3	23.1	24.1	23.9	22.9	21.7	21.5	22.0	22.1	22.5	22.3	22.6
	1AG	22.5	23.2	24.2	24.0	23.0	21.9	21.6	22.1	22.3	22.6	22.5	22.8
	1AH	22.8	23.6	24.6	24.4	23.4	22.3	22.0	22.6	22.7	23.1	23.0	23.2
	1BA	15.7	16.5	17.6	17.7	16.5	15.4	15.1	15.5	15.4	16.0	15.6	15.7
	1BB	16.5	17.3	18.4	18.6	17.3	16.3	15.9	16.3	16.3	16.8	16.5	16.6
	1BC	17.4	18.3	19.5	19.7	18.4	17.3	17.0	17.3	17.4	17.9	17.6	17.7
	1BD	18.1	18.9	20.0	20.1	18.9	17.8	17.5	17.9	17.9	18.4	18.1	18.1
	1BE	17.7	18.6	19.8	20.1	18.7	17.7	17.3	17.5	17.7	18.2	17.9	18.0
	1BG	17.7	18.6	19.8	20.0	18.7	17.6	17.3	17.5	17.7	18.2	17.9	18.0
	1BH	17.3	18.2	19.3	19.4	18.2	17.1	16.8	17.1	17.2	17.7	17.5	17.6
	1CA	17.0	17.7	18.8	18.9	17.7	16.6	16.3	16.8	16.6	17.1	16.7	16.8
	1CB	16.8	17.5	18.6	18.7	17.5	16.4	16.1	16.6	16.4	16.9	16.5	16.5
	1CC	16.2	16.9	17.9	17.9	16.8	15.7	15.4	15.9	15.8	16.2	15.8	16.0
	1CD	17.9	18.7	19.7	19.7	18.5	17.5	17.1	17.7	17.6	18.1	17.8	17.9
	1CE	19.2	19.9	21.0	21.0	19.8	18.8	18.4	18.9	18.9	19.4	19.1	19.3
	1DA	20.4	21.1	22.1	22.0	20.9	19.8	19.5	20.0	20.1	20.5	20.3	20.5
	1DB	17.6	18.4	19.5	19.5	18.3	17.2	16.9	17.3	17.4	17.9	17.7	17.9
	1DC	21.2	22.0	23.0	22.8	21.8	20.7	20.4	20.9	21.0	21.4	21.2	21.5
	1DD	21.7	22.5	23.5	23.3	22.3	21.1	20.9	21.4	21.5	21.9	21.7	22.0
	1EA	19.6	20.4	21.3	21.0	20.1	18.9	18.7	19.2	19.3	19.6	19.5	19.8
	1EB	21.3	22.0	22.9	22.5	21.6	20.5	20.2	20.7	20.8	21.1	21.2	21.5
	1EC	21.2	21.9	22.8	22.6	21.6	20.5	20.2	20.7	20.8	21.1	21.1	21.4
	1ED	22.1	22.9	23.8	23.6	22.6	21.4	21.2	21.8	21.9	22.2	22.1	22.5
	1EE	22.8	23.5	24.5	24.2	23.3	22.1	21.9	22.5	22.6	22.9	22.9	23.1
	1EF	23.0	23.9	24.8	24.4	23.6	22.4	22.2	22.8	23.1	23.3	23.3	23.3
	1EG	22.5	23.3	24.1	23.7	22.9	21.7	21.5	22.2	22.4	22.6	22.6	22.8
	1FA	15.9	16.6	17.6	17.6	16.6	15.4	15.1	15.8	15.7	16.1	15.8	16.0
	1FB	18.0	18.7	19.7	19.6	18.6	17.5	17.2	17.7	17.7	18.1	17.9	18.1
	1FC	18.4	19.1	20.1	19.9	19.0	17.8	17.6	18.2	18.2	18.5	18.3	18.6
	1FD	17.6	18.4	19.3	19.2	18.3	17.1	16.9	17.5	17.5	17.8	17.6	17.9
	1FE	20.5	21.3	22.1	21.8	20.9	19.7	19.5	20.2	20.3	20.5	20.5	20.8
	1FF	21.2	21.9	22.8	22.4	21.6	20.4	20.2	21.0	21.2	21.4	21.4	21.7
	1FG	22.8	23.6	24.5	24.1	23.4	22.2	22.0	22.7	23.0	23.1	23.1	23.2
LVSCA	1GA	16.5	17.2	18.1	18.0	17.2	15.9	15.7	16.3	16.3	16.6	16.3	16.6
	1GB	19.6	20.4	21.3	21.1	20.2	19.0	18.8	19.5	19.5	19.8	19.6	19.9
	1GC	16.8	17.5	18.4	18.5	17.9	16.4	16.2	16.7	16.8	17.0	16.5	16.7
	1GD	21.3	22.2	23.0	22.8	22.1	20.8	20.6	21.3	21.5	21.7	21.6	21.7
	1GE	21.2	22.0	22.9	22.7	22.0	20.7	20.5	21.2	21.4	21.5	21.4	21.6
	1GF	22.3	23.2	24.0	23.6	23.0	21.7	21.5	22.3	22.6	22.7	22.6	22.8
	1GG	17.1	17.7	18.7	18.7	18.0	16.6	16.4	17.0	17.1	17.3	16.9	17.2
	1HA1	21.1	21.8	22.7	22.3	21.5	20.3	20.1	20.9	21.2	21.3	21.3	21.7
	1HA2	23.4	24.1	25.0	24.6	23.9	22.6	22.5	23.3	23.6	23.7	23.7	24.0
	1HB1	23.0	23.8	24.6	24.2	23.5	22.3	22.1	22.9	23.2	23.3	23.3	23.5
	1HB2	22.6	23.3	24.2	23.8	23.0	21.8	21.6	22.5	22.9	23.0	23.0	23.4
	1HC	23.3	24.2	25.0	24.6	23.9	22.7	22.5	23.3	23.6	23.7	23.7	23.8
	1HD	21.8	22.7	23.5	23.1	22.4	21.3	21.0	21.7	22.1	22.2	22.2	22.2
	1HE	22.0	23.1	23.7	23.3	22.7	21.5	21.2	22.0	22.4	22.4	22.5	22.4
	1HF	22.7	23.6	24.4	24.0	23.3	22.2	21.9	22.6	23.0	23.1	23.1	23.1
	1HG	22.6	23.5	24.3	23.9	23.2	22.0	21.8	22.5	22.9	22.9	23.0	23.0
	1JA	16.5	17.2	17.9	18.0	17.4	15.9	15.5	16.0	16.3	16.6	16.1	16.4
	1JB	18.4	19.3	20.0	20.0	19.4	18.0	17.8	18.4	18.6	18.7	18.4	18.5
	1JC	17.4	18.2	19.0	19.0	18.4	17.0	16.8	17.4	17.6	17.7	17.4	17.5
	1JD	19.4	20.3	21.0	21.0	20.3	19.0	18.8	19.4	19.6	19.7	19.6	19.7
	1JE	18.7	19.6	20.1	20.1	19.4	18.0	17.5	18.2	18.7	19.0	18.7	18.7
	1JF	18.0	18.8	19.4	19.5	18.8	17.4	16.9	17.6	18.0	18.2	17.9	18.0
	1JG1	20.7	21.7	22.4	22.2	21.5	20.3	20.0	20.7	21.0	21.1	21.1	21.1
	1JG2	22.6	23.5	24.3	23.9	23.2	22.0	21.8	22.6	22.9	23.0	23.0	23.2
	1KA	21.2	22.3	22.9	22.5	21.9	20.8	20.4	21.2	21.6	21.6	21.7	21.5
	1KB	21.2	22.2	22.8	22.6	21.9	20.7	20.3	21.1	21.5	21.6	21.6	21.4
	1KC	20.4	21.3	21.8	21.8	21.1	19.8	19.3	20.0	20.5	20.8	20.5	20.4
	1LA1	16.8	17.5	18.1	18.3	17.6	16.0	15.5	16.0	16.5	16.9	16.2	16.5
	1LA2	20.1	20.9	21.4	21.4	20.7	19.2	18.6	19.3	19.9	20.3	19.9	19.8
	1LA3	18.5	19.2	19.5	19.8	18.9	17.2	16.0	16.4	17.7	18.4	17.9	18.0
	1LB1	17.0	17.7	18.2	18.5	17.8	16.2	15.6	16.0	16.5	17.1	16.3	16.5
	1LB2	18.8	19.5	19.8	20.2	19.5	17.8	17.0	17.5	18.3	18.9	18.3	18.2

Monthly Temperature by Sub-basin

Year 1998 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.2	27.6	28.1	28.5	27.2	26.1	25.7	25.8	26.5	27.4	26.3	26.1
	2AB	26.8	28.5	29.0	29.3	27.9	26.9	26.5	26.6	27.5	28.3	27.1	26.7
	2BA	18.0	19.0	20.1	20.2	19.0	17.9	17.5	17.9	18.0	18.5	18.2	18.2
	2BB	22.7	23.8	24.8	25.0	23.7	22.6	22.3	22.5	22.8	23.4	22.8	22.7
	2BC	21.0	22.0	23.1	23.3	21.9	20.9	20.6	20.8	21.1	21.6	21.1	21.1
	2BD	25.6	27.2	27.9	28.1	26.7	25.7	25.4	25.5	26.3	27.0	25.9	25.6
	2CA	27.1	28.9	29.5	29.7	28.3	27.3	27.0	27.0	28.0	28.8	27.4	27.1
	2CB	20.3	20.9	21.9	22.2	21.2	20.0	19.6	19.9	19.8	20.3	19.8	19.9
	2CC	24.8	26.0	26.8	27.1	25.8	24.7	24.3	24.5	24.9	25.6	24.8	24.7
	2D	23.3	24.1	25.0	25.3	24.2	23.0	22.5	22.7	22.9	23.6	22.9	22.8
	2EA	19.4	19.6	20.4	20.8	20.3	18.7	18.2	18.3	18.5	19.0	18.2	18.3
	2EB	18.9	19.2	20.0	20.3	19.8	18.3	17.8	17.8	18.0	18.5	17.8	17.9
	2EC	18.3	18.7	19.5	19.9	19.4	17.8	17.4	17.6	17.8	18.3	17.3	17.6
	2ED	16.0	16.5	17.4	17.7	17.0	15.6	15.2	15.5	15.5	15.9	15.2	15.5
	2EE	21.2	21.7	22.6	23.0	22.2	20.8	20.5	20.8	20.7	21.2	20.5	20.7
	2EF	18.6	19.1	20.0	20.3	19.6	18.2	17.9	18.1	18.1	18.6	17.8	18.0
	2EG1	15.0	15.4	16.2	16.7	16.1	14.5	14.1	14.3	14.6	15.1	14.2	14.5
	2EG2	21.0	21.4	22.3	22.7	22.1	20.6	20.3	20.5	20.5	21.0	20.2	20.4
	2EH	22.0	22.5	23.5	23.8	23.0	21.6	21.3	21.5	21.4	22.0	21.3	21.4
	2EJ	20.5	20.8	21.7	22.0	21.3	19.9	19.4	19.4	19.6	20.2	19.4	19.4
	2EK	18.8	19.0	19.9	20.2	19.6	18.1	17.6	17.6	17.8	18.4	17.6	17.7
	2FA	17.5	17.9	18.5	18.9	18.4	16.7	16.0	16.0	16.7	17.3	16.2	16.4
	2FB	18.1	18.5	19.3	19.6	19.1	17.5	17.1	17.3	17.6	18.0	16.9	17.2
	2FC	16.8	17.2	17.9	18.4	17.8	16.1	15.6	15.8	16.3	16.8	15.6	16.0
	2GA	16.9	17.2	17.8	18.3	17.7	16.1	15.2	15.2	16.0	16.7	15.7	15.8
	2GB	15.0	15.3	15.9	16.3	15.8	14.2	13.4	13.2	14.1	14.7	13.8	13.8
	2GC	14.0	14.4	14.8	15.3	14.7	13.2	11.9	11.8	13.1	13.8	13.0	13.0
	2GD	16.2	16.7	17.1	17.5	16.7	15.0	13.7	13.8	15.2	16.0	15.2	15.4
	2H-1	21.0	21.7	21.9	22.2	21.1	19.4	17.7	18.0	19.8	20.8	20.4	20.7
	2H-2	21.6	22.4	22.5	22.8	21.6	20.0	18.2	18.5	20.4	21.4	21.1	21.5
	2H-3	21.0	21.8	22.0	22.2	21.0	19.4	17.6	18.0	19.8	20.9	20.6	21.0
	2J	26.0	27.6	28.2	28.5	27.1	26.1	25.7	25.8	26.6	27.3	26.2	26.0
	2KA	17.1	17.6	17.8	18.5	17.7	15.8	14.8	15.1	16.1	17.0	16.0	16.2
	2KB	19.5	20.1	20.2	20.7	19.7	17.9	16.3	16.6	18.2	19.2	18.7	18.9
	2KC	22.6	23.2	23.4	23.7	22.7	21.0	19.3	19.6	21.3	22.3	21.8	22.1
ACA	3AA	19.0	19.9	20.1	20.2	19.0	17.5	15.7	16.0	17.9	18.9	18.7	19.1
	3AB	19.4	20.2	20.4	20.6	19.3	17.7	15.9	16.3	18.1	19.4	19.1	19.5
	3AC	20.1	21.0	21.1	21.3	20.0	18.4	16.6	17.0	18.8	20.1	19.7	20.2
	3BA	18.9	19.7	19.9	20.1	18.9	17.3	15.5	15.8	17.7	18.6	18.5	18.8
	3BB	19.0	19.8	19.9	20.1	18.9	17.4	15.6	15.9	17.8	18.7	18.5	18.9
	3BC	17.5	18.4	18.5	18.7	17.5	16.0	14.2	14.5	16.4	17.3	17.1	17.4
	3BD	18.5	19.3	19.4	19.7	18.5	17.0	15.1	15.4	17.3	18.3	18.1	18.3
	3CB	19.3	20.1	20.3	20.5	19.3	17.8	16.0	16.3	18.2	19.1	18.9	19.2
	3DA	21.4	22.1	22.4	22.5	21.3	19.6	17.8	18.3	20.1	21.4	21.0	21.4
	3DB	22.4	23.2	23.5	23.7	22.3	20.7	18.9	19.5	21.1	22.6	22.3	22.8
	3EA	19.7	20.4	20.6	20.9	19.5	17.8	16.0	16.5	18.3	19.8	19.4	19.9
	3EB	20.7	21.5	21.7	21.9	20.6	18.9	17.1	17.7	19.4	20.8	20.6	21.1
	3EC	20.5	21.3	21.6	21.7	20.3	18.7	16.9	17.5	19.2	20.7	20.5	21.0
	3ED	22.8	23.6	24.0	24.0	22.6	21.0	19.3	20.0	21.5	23.0	22.8	23.3
	3FA	21.6	22.5	22.9	22.8	21.4	19.9	18.2	18.9	20.4	21.8	21.7	22.2
	3FB	24.0	25.1	25.6	25.2	23.7	22.5	21.0	21.7	22.8	24.1	24.4	24.8
	3G	22.8	23.9	24.3	23.9	22.5	21.3	19.9	20.5	21.5	22.7	23.1	23.5
	3HA	25.3	26.4	26.9	26.2	24.9	23.9	22.7	23.1	23.8	24.7	25.5	25.7
	3HB	26.6	27.6	28.1	27.3	26.2	25.0	24.1	24.3	24.9	25.5	26.4	26.7
	3HC	27.0	28.0	28.5	27.7	26.7	25.3	24.6	24.7	25.3	25.7	26.6	27.0
	3HD1	27.0	27.9	28.5	27.7	26.7	25.3	24.5	24.6	25.2	25.7	26.5	27.0
	3HD2	27.3	28.3	28.9	28.1	27.3	25.9	25.1	25.2	25.8	26.3	27.2	27.5
	3J	23.1	24.2	24.6	24.0	22.7	21.6	20.4	20.8	21.6	22.5	23.2	23.5
	3K	26.9	27.9	28.1	27.4	26.2	24.8	24.1	24.3	24.9	25.2	26.1	26.6
	3LA	25.9	27.0	27.4	26.6	25.4	24.2	23.3	23.6	24.2	24.7	25.6	26.0
	3LB	27.1	28.1	28.6	27.8	26.8	25.4	24.7	24.7	25.4	25.8	26.7	27.1
	3MA-1	23.9	25.0	25.4	24.7	23.4	22.3	21.3	21.6	22.3	22.9	23.8	24.1
	3MA-2	25.6	26.6	26.9	26.2	25.0	23.7	22.9	23.1	23.7	24.2	25.1	25.5
	3MB	26.4	27.5	27.7	26.9	25.8	24.4	23.6	23.8	24.4	24.8	25.7	26.2
	3MC	26.3	27.4	27.6	26.8	25.6	24.2	23.5	23.7	24.3	24.6	25.5	26.1
	3MD1	26.9	27.9	28.0	27.3	26.1	24.6	23.9	24.1	24.7	24.9	25.8	26.4
	3MD2	27.3	28.3	28.4	27.6	26.4	24.9	24.3	24.4	25.0	25.2	26.1	26.8
	3N	20.9	21.8	22.2	22.2	20.8	19.3	17.6	18.2	19.7	21.1	21.0	21.5

Monthly Temperature by Sub-basin

Year 1998 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.6	15.9	16.1	16.7	15.8	14.4	12.8	12.6	14.6	15.5	14.7	14.1
	4AB	16.4	16.6	16.9	17.5	16.8	15.4	13.8	13.6	15.4	16.2	15.4	14.9
	4AC	16.2	16.4	16.7	17.3	16.6	15.2	13.5	13.3	15.1	16.0	15.2	14.7
	4AD	16.3	16.6	16.8	17.4	16.6	15.2	13.5	13.2	15.2	16.0	15.4	15.0
	4BA	20.5	20.8	21.0	21.6	20.6	19.2	17.3	17.1	19.4	20.3	19.6	19.1
	4BB	17.5	17.8	18.0	18.6	17.6	16.2	14.5	14.3	16.5	17.4	16.6	16.0
	4BC	20.4	20.7	21.0	21.5	20.5	19.0	17.3	17.1	19.3	20.3	19.6	19.1
	4BD	18.3	18.8	18.9	19.4	18.4	17.0	15.1	15.0	17.2	18.1	17.6	17.3
	4BE	19.6	20.1	20.3	20.7	19.6	18.2	16.2	16.3	18.4	19.4	19.0	18.7
	4BF	21.4	22.0	22.2	22.6	21.5	20.0	18.1	18.2	20.2	21.3	20.8	20.6
	4BG	22.5	23.0	23.3	23.6	22.4	21.0	19.1	19.2	21.3	22.5	21.9	21.8
	4CA	15.9	16.6	16.8	17.1	16.0	14.6	12.7	12.8	14.9	15.7	15.4	15.5
	4CB	18.0	18.6	18.8	19.1	18.0	16.5	14.7	14.8	16.8	17.7	17.5	17.5
	4CC	21.5	22.1	22.4	22.6	21.4	19.8	18.0	18.3	20.2	21.4	21.1	21.2
	4DA	19.9	20.3	20.6	21.1	20.0	18.5	16.8	16.7	18.9	19.9	19.2	18.7
	4DB	18.0	18.3	18.8	19.2	18.1	16.6	15.0	14.9	17.0	18.0	17.3	16.8
	4DC	17.5	17.7	18.2	18.6	17.5	16.0	14.4	14.3	16.4	17.5	16.7	16.2
	4DD	22.5	22.9	23.3	23.6	22.5	21.0	19.3	19.3	21.4	22.6	21.8	21.4
	4DE	22.6	23.2	23.5	23.8	22.5	21.0	19.1	19.4	21.4	22.7	22.2	22.2
	4EA	20.2	20.6	20.9	21.4	20.4	18.9	17.4	17.6	19.5	20.3	19.4	19.0
	4EB	19.1	19.5	19.8	20.3	19.2	17.8	16.2	16.2	18.3	19.2	18.4	17.9
	4EC	22.2	22.5	22.9	23.3	22.2	20.8	19.2	19.1	21.2	22.3	21.5	21.0
	4ED	23.2	23.7	24.0	24.4	23.2	21.7	19.9	20.1	22.1	23.3	22.7	22.4
	4FA	21.0	21.4	21.7	22.2	21.2	19.7	18.3	18.5	20.3	21.2	20.2	19.8
	4FB	24.7	25.1	25.6	25.9	24.9	23.4	22.0	22.1	24.0	24.9	24.0	23.6
	4GA	25.8	26.5	27.0	27.1	26.2	24.7	23.4	23.4	25.2	26.1	25.4	25.1
	4GB	26.7	27.7	28.3	28.3	27.3	25.9	24.6	24.6	26.3	27.3	26.7	26.6
	4GC	27.5	29.0	30.0	29.4	28.5	27.1	26.0	26.1	27.4	28.5	28.2	28.4
	4GD	26.9	28.2	29.1	28.6	27.6	26.3	25.0	25.2	26.6	27.7	27.4	27.5
	4GE	26.3	27.4	28.2	27.9	26.7	25.3	24.0	24.3	25.7	26.9	26.6	26.8
	4GF	26.4	27.5	28.2	27.8	26.7	25.3	24.1	24.4	25.4	26.5	26.7	27.0
	4GG	27.2	28.2	28.8	28.1	27.3	25.9	25.2	25.3	25.8	26.3	27.1	27.4
	4HA	23.9	24.8	25.2	25.1	23.7	22.3	20.7	21.3	22.7	24.1	24.1	24.5
	4HB	26.5	27.6	28.3	27.7	26.4	25.2	23.9	24.4	25.3	26.3	26.7	27.1
	4HC	26.3	27.4	27.9	27.3	26.1	24.9	23.8	24.2	24.9	25.7	26.5	26.8
	4JA	27.4	28.7	29.6	29.1	28.2	26.9	25.8	26.0	27.0	27.9	27.9	28.1
	4JB	27.5	28.6	29.4	28.7	28.1	26.7	25.9	26.0	26.6	27.2	27.9	28.1
	4KA	27.5	28.7	29.5	28.8	28.1	26.8	25.9	26.0	26.7	27.4	27.9	28.2
	4KB	27.5	28.6	29.5	28.8	28.1	26.7	25.9	26.0	26.7	27.3	27.9	28.1
ENNCA	5AA	16.6	16.8	17.4	17.9	17.4	15.8	15.2	15.1	15.5	16.1	15.5	15.4
	5AB	16.9	17.0	17.6	18.1	17.6	16.0	15.3	15.1	15.8	16.4	15.7	15.6
	5AC	18.8	18.9	19.6	20.0	19.5	17.9	17.2	17.1	17.8	18.4	17.6	17.4
	5AD	18.8	18.9	19.5	20.0	19.4	17.8	17.0	16.9	17.8	18.4	17.6	17.4
	5BA	17.3	17.5	17.9	18.5	17.8	16.3	14.9	14.6	16.3	17.0	16.3	15.9
	5BB	15.6	15.8	16.4	16.8	16.2	14.7	13.5	13.3	14.6	15.3	14.5	14.2
	5BC-1	16.9	17.1	17.5	18.1	17.4	15.9	14.8	14.4	16.0	16.6	15.8	15.4
	5BC-2	19.1	19.3	19.7	20.2	19.6	18.0	17.1	16.8	18.2	18.8	18.0	17.6
	5BD	17.8	17.9	18.6	19.0	18.4	16.9	16.0	15.8	16.8	17.4	16.6	16.4
	5BE	15.6	15.8	16.1	16.7	16.0	14.4	13.3	12.9	14.7	15.4	14.6	14.1
	5CA	18.1	18.4	19.1	19.4	18.8	17.2	16.5	16.6	17.3	17.9	17.0	16.9
	5CB	20.5	20.9	21.1	21.7	21.0	19.5	18.5	18.5	19.6	20.4	19.6	19.3
	5CC	20.1	20.6	21.0	21.4	20.6	19.1	18.3	18.6	19.2	20.1	19.2	19.1
	5DA	20.2	20.5	20.8	21.3	20.4	18.9	17.6	17.7	19.4	20.2	19.3	18.8
	5DB	19.1	19.3	19.6	20.2	19.5	17.9	16.8	16.5	18.3	19.0	18.1	17.6
	5DC	19.2	19.4	20.0	20.4	19.7	18.2	17.2	17.2	18.2	18.9	18.1	17.8
	5DD	22.0	22.3	22.6	23.2	22.4	20.9	19.8	19.6	21.1	21.8	21.0	20.6
	5EA	26.4	27.8	28.4	28.3	27.0	26.0	25.0	25.3	26.4	27.3	26.5	26.7
	5EB	25.9	27.1	27.4	27.6	26.5	25.3	24.3	24.6	25.6	26.6	25.7	25.8
	5EC	25.0	25.7	25.8	26.3	25.4	24.0	23.0	23.2	24.2	25.3	24.3	24.3
	5ED	25.4	26.1	26.4	26.7	25.8	24.4	23.1	23.3	24.8	25.8	24.9	24.7
	5FA	27.2	28.3	29.0	28.8	27.9	26.5	25.3	25.4	26.8	27.9	27.4	27.4
	5FB	27.4	28.6	29.1	29.0	28.1	26.7	25.6	25.8	27.0	28.1	27.5	27.7
	5G	25.5	27.0	27.8	27.6	26.1	25.2	24.2	24.6	25.6	26.4	25.6	25.8
	5HA	27.2	28.9	30.1	29.7	27.7	27.2	26.3	26.7	27.7	28.1	27.4	27.7
	5HB	25.6	27.1	28.1	27.9	26.1	25.4	24.5	24.8	25.9	26.5	25.7	26.0
	5J	25.1	26.2	26.4	26.9	25.8	24.6	23.8	24.1	24.9	25.9	24.8	24.7

Monthly Temperature by Sub-basin

Year 1999 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.6	21.7	20.9	20.7	19.9	19.6	19.0	19.5	19.6	20.1	20.1	19.8
	1AB	17.7	18.7	18.0	17.7	16.9	16.6	16.1	16.5	16.7	17.2	17.1	16.9
	1AC	21.1	22.2	21.4	21.1	20.3	20.1	19.5	20.0	20.1	20.6	20.6	20.4
	1AD	22.7	23.8	22.9	22.6	21.9	21.6	21.1	21.5	21.6	22.1	22.2	21.9
	1AE	23.3	24.5	23.5	23.3	22.5	22.2	21.8	22.1	22.3	22.7	22.9	22.6
	1AF	22.7	23.8	22.8	22.6	21.9	21.6	21.1	21.5	21.6	22.1	22.3	22.0
	1AG	22.8	24.0	23.0	22.7	22.0	21.7	21.3	21.6	21.7	22.2	22.5	22.2
	1AH	23.2	24.5	23.3	23.1	22.4	22.1	21.7	22.0	22.1	22.4	22.8	22.5
	1BA	16.5	17.2	17.0	16.5	15.8	15.5	14.7	15.4	15.5	16.1	15.8	15.5
	1BB	17.2	17.9	17.7	17.3	16.5	16.2	15.5	16.0	16.3	16.8	16.5	16.3
	1BC	18.2	18.9	18.8	18.5	17.6	17.2	16.4	17.0	17.2	17.7	17.4	17.3
	1BD	18.7	19.5	19.2	18.8	18.0	17.7	17.1	17.6	17.9	18.3	18.1	17.8
	1BE	18.5	19.2	19.1	18.9	18.0	17.5	16.7	17.2	17.5	18.0	17.6	17.6
	1BG	18.5	19.2	19.0	18.8	17.9	17.5	16.7	17.2	17.5	18.0	17.7	17.6
	1BH	18.0	18.8	18.5	18.2	17.4	17.0	16.3	16.8	17.0	17.5	17.3	17.1
	1CA	17.6	18.4	18.1	17.6	16.9	16.6	16.0	16.7	16.9	17.3	17.0	16.7
	1CB	17.5	18.2	18.0	17.4	16.7	16.5	15.8	16.6	16.8	17.1	16.9	16.5
	1CC	16.8	17.6	17.3	16.6	16.1	15.8	15.2	15.8	16.1	16.5	16.4	16.0
	1CD	18.4	19.2	18.8	18.3	17.6	17.4	16.9	17.4	17.6	18.0	17.9	17.5
	1CE	19.6	20.5	20.1	19.7	18.9	18.6	18.0	18.5	18.7	19.2	19.0	18.8
	1DA	20.7	21.8	21.0	20.7	20.0	19.7	19.2	19.6	19.7	20.2	20.3	20.0
	1DB	18.1	19.1	18.5	18.2	17.4	17.1	16.5	16.9	17.1	17.6	17.5	17.3
	1DC	21.6	22.8	21.8	21.5	20.8	20.5	20.0	20.4	20.5	21.0	21.2	20.9
	1DD	22.1	23.3	22.2	22.0	21.3	21.0	20.5	20.9	21.0	21.5	21.7	21.4
	1EA	19.9	21.1	20.1	19.7	19.1	18.9	18.3	18.7	18.8	19.3	19.7	19.4
	1EB	21.4	22.8	21.5	21.3	20.6	20.4	19.9	20.2	20.3	20.8	21.3	21.1
	1EC	21.4	22.7	21.5	21.3	20.6	20.3	19.8	20.2	20.3	20.8	21.1	20.9
	1ED	22.4	23.7	22.5	22.3	21.6	21.3	20.9	21.2	21.3	21.7	22.1	21.8
	1EE	23.1	24.4	23.1	22.9	22.2	22.0	21.5	21.8	21.9	22.2	22.7	22.4
	1EF	23.5	24.9	23.3	23.2	22.6	22.3	21.8	22.0	22.1	22.4	23.0	22.7
	1EG	22.8	24.2	22.6	22.4	21.8	21.6	21.2	21.5	21.5	21.8	22.4	22.1
	1FA	16.4	17.3	16.8	16.2	15.7	15.4	14.9	15.5	15.7	16.0	16.0	15.6
	1FB	18.5	19.5	18.7	18.3	17.6	17.4	16.8	17.4	17.5	17.9	18.1	17.7
	1FC	18.9	19.9	19.1	18.6	18.0	17.8	17.2	17.8	17.9	18.3	18.5	18.1
	1FD	18.1	19.1	18.3	17.8	17.3	17.0	16.6	17.1	17.2	17.6	17.7	17.3
	1FE	20.7	22.0	20.7	20.4	19.8	19.6	19.2	19.5	19.5	19.9	20.5	20.1
	1FF	21.5	22.9	21.3	21.0	20.5	20.3	19.9	20.1	20.1	20.3	21.2	20.8
	1FG	23.2	24.7	23.0	22.7	22.2	22.0	21.6	21.8	21.9	22.1	22.8	22.5
LVSCA	1GA	17.0	18.0	17.3	16.6	16.2	16.0	15.5	15.8	16.1	16.3	16.6	16.1
	1GB	20.0	21.2	20.1	19.6	19.1	18.9	18.5	18.9	19.0	19.3	19.7	19.2
	1GC	17.3	18.3	17.7	17.0	16.5	16.4	15.7	16.2	16.5	16.8	16.8	16.5
	1GD	21.8	23.2	21.8	21.3	20.9	20.7	20.2	20.6	20.8	20.9	21.5	21.1
	1GE	21.6	23.1	21.5	21.0	20.6	20.4	20.0	20.3	20.7	20.8	21.2	20.8
	1GF	22.7	24.2	22.5	22.1	21.7	21.5	21.1	21.3	21.6	21.6	22.3	21.9
	1GG	17.5	18.5	17.9	17.2	16.7	16.6	16.0	16.5	16.7	17.0	17.0	16.6
	1HA1	21.4	22.7	21.2	20.9	20.4	20.2	19.8	20.0	20.0	20.2	21.1	20.6
	1HA2	23.8	25.2	23.6	23.2	22.7	22.5	22.1	22.4	22.4	22.5	23.4	23.0
	1HB1	23.4	24.9	23.2	22.8	22.4	22.2	21.7	22.0	22.0	22.1	23.0	22.7
	1HB2	23.0	24.4	22.7	22.4	21.9	21.7	21.3	21.5	21.3	21.5	22.6	22.2
	1HC	23.8	25.3	23.5	23.2	22.8	22.5	22.1	22.4	22.5	22.6	23.3	23.0
	1HD	22.3	23.8	21.9	21.6	21.2	21.0	20.6	20.8	21.1	21.1	21.7	21.4
	1HE	22.6	24.1	22.1	21.9	21.4	21.3	20.8	21.1	21.4	21.4	21.8	21.6
	1HF	23.2	24.7	22.9	22.6	22.1	22.0	21.5	21.7	22.0	22.0	22.6	22.3
	1HG	23.1	24.6	22.8	22.4	22.0	21.8	21.4	21.6	21.8	21.9	22.5	22.2
	1JA	16.8	17.8	17.1	16.4	15.9	15.6	15.2	15.6	16.0	16.2	16.3	15.8
	1JB	18.8	20.2	18.9	18.2	17.9	17.7	17.2	17.6	18.0	18.0	18.3	17.9
	1JC	17.8	19.1	18.0	17.2	16.9	16.7	16.2	16.7	17.0	17.1	17.3	16.9
	1JD	19.8	21.3	19.8	19.2	18.8	18.6	18.2	18.6	19.0	19.0	19.4	19.0
	1JE	19.1	20.4	19.0	18.5	18.0	17.7	17.3	17.6	18.1	18.2	18.4	18.0
	1JF	18.4	19.6	18.4	17.8	17.3	17.1	16.7	17.0	17.4	17.5	17.8	17.4
	1JG1	21.2	22.8	21.0	20.6	20.2	20.0	19.6	19.9	20.2	20.2	20.7	20.4
	1JG2	23.1	24.6	22.8	22.4	22.0	21.8	21.4	21.6	21.9	21.9	22.6	22.2
	1KA	21.8	23.4	21.3	21.1	20.6	20.5	20.0	20.3	20.6	20.6	21.0	20.8
	1KB	21.8	23.3	21.4	21.1	20.6	20.4	20.0	20.2	20.5	20.5	21.0	20.8
	1KC	20.9	22.2	20.7	20.3	19.8	19.5	19.1	19.4	19.7	19.8	20.2	19.8
	1LA1	17.1	18.0	17.4	16.7	16.1	15.8	15.4	15.8	16.2	16.4	16.5	16.1
	1LA2	20.4	21.5	20.3	19.9	19.3	18.9	18.6	18.9	19.4	19.6	19.8	19.3
	1LA3	18.8	19.5	19.3	18.5	17.7	16.9	16.7	16.9	17.6	18.2	18.0	17.6
	1LB1	17.2	18.0	17.6	17.0	16.3	16.0	15.6	15.9	16.4	16.6	16.6	16.2
	1LB2	19.1	19.9	19.4	18.8	18.1	17.5	17.2	17.6	18.1	18.4	18.4	18.0

Monthly Temperature by Sub-basin

Year 1999 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.9	27.3	27.7	27.4	27.0	26.3	25.3	26.2	26.8	26.8	26.4	25.7
	2AB	27.5	27.9	28.3	28.1	27.8	27.2	26.1	27.1	27.7	27.8	27.3	26.5
	2BA	18.7	19.5	19.2	18.9	18.1	17.7	17.2	17.7	17.9	18.3	18.0	17.8
	2BB	23.5	24.1	24.1	23.8	23.1	22.7	21.8	22.6	22.9	23.3	22.9	22.6
	2BC	21.7	22.4	22.3	22.0	21.3	20.9	20.2	20.7	21.1	21.5	21.1	20.8
	2BD	26.4	26.8	27.1	27.0	26.7	26.1	24.9	25.9	26.5	27.0	26.4	25.5
	2CA	27.9	28.3	28.7	28.5	28.3	27.7	26.5	27.5	28.2	28.6	28.0	27.0
	2CB	21.1	21.7	21.6	21.0	20.4	20.1	19.2	19.9	20.2	20.7	20.5	20.2
	2CC	25.7	26.2	26.3	26.0	25.5	25.0	23.8	24.7	25.2	25.7	25.3	24.7
	2D	23.9	24.4	24.7	24.1	23.5	23.1	22.1	22.9	23.2	23.8	23.4	23.0
	2EA	19.5	19.7	20.3	19.5	18.9	18.8	17.8	18.3	18.6	19.2	18.9	18.8
	2EB	19.0	19.3	19.9	19.0	18.4	18.3	17.3	17.9	18.1	18.7	18.5	18.3
	2EC	18.7	19.1	19.4	18.6	18.0	18.0	17.1	17.6	17.9	18.4	18.1	17.9
	2ED	16.6	17.3	17.1	16.3	15.9	15.7	14.9	15.4	15.7	16.3	16.0	15.7
	2EE	21.7	22.2	22.4	21.6	21.0	20.9	20.0	20.7	20.9	21.4	21.2	20.9
	2EF	19.1	19.6	19.7	18.9	18.4	18.3	17.4	18.0	18.3	18.8	18.6	18.3
	2EG1	15.5	16.1	16.1	15.3	14.8	14.7	13.8	14.4	14.7	15.1	14.9	14.6
	2EG2	21.5	21.9	22.2	21.4	20.8	20.7	19.8	20.4	20.6	21.1	21.0	20.7
	2EH	22.6	23.1	23.3	22.5	21.9	21.7	20.8	21.5	21.8	22.3	22.1	21.7
	2EJ	20.8	21.1	21.5	20.7	20.2	20.1	18.9	19.7	19.9	20.5	20.2	20.0
	2EK	19.0	19.2	19.8	18.9	18.4	18.3	17.1	17.8	18.1	18.7	18.5	18.2
	2FA	17.5	17.7	18.4	17.7	17.0	16.8	16.0	16.4	16.8	17.3	17.0	16.7
	2FB	18.4	18.7	19.1	18.4	17.8	17.8	16.9	17.3	17.7	18.1	17.6	17.5
	2FC	17.0	17.4	17.8	17.1	16.3	16.2	15.5	15.9	16.3	16.7	16.4	16.1
	2GA	16.9	17.0	17.7	17.0	16.3	16.0	15.2	15.6	16.1	16.7	16.3	16.0
	2GB	14.8	15.0	15.8	15.0	14.4	14.1	13.3	13.7	14.1	14.7	14.3	14.1
	2GC	13.9	14.2	14.9	14.1	13.5	13.0	12.2	12.5	13.1	13.8	13.3	13.0
	2GD	16.3	16.7	17.2	16.3	15.6	14.9	14.4	14.5	15.3	16.0	15.5	15.2
	2H-1	21.4	21.9	22.2	21.0	20.2	19.2	18.8	19.0	19.9	20.9	20.3	20.0
	2H-2	22.1	22.6	22.9	21.5	20.8	19.7	19.2	19.5	20.5	21.6	20.9	20.7
	2H-3	21.6	22.1	22.3	20.9	20.2	19.1	18.6	18.9	20.0	21.0	20.3	20.1
	2J	26.8	27.2	27.5	27.3	26.9	26.4	25.2	26.2	26.8	27.1	26.5	25.8
	2KA	17.2	17.6	17.9	17.2	16.3	15.6	15.4	15.7	16.2	16.7	16.6	16.1
	2KB	19.7	20.1	20.6	19.5	18.7	17.7	17.5	17.6	18.4	19.3	18.9	18.4
	2KC	22.9	23.3	23.7	22.6	21.7	20.6	20.2	20.6	21.5	22.4	21.9	21.6
ACA	3AA	19.6	20.2	20.4	19.0	18.3	17.2	16.7	17.0	18.0	19.1	18.4	18.2
	3AB	20.1	20.6	20.8	19.4	18.7	17.5	17.0	17.4	18.5	19.5	18.9	18.6
	3AC	20.8	21.3	21.5	20.1	19.4	18.3	17.7	18.1	19.1	20.1	19.5	19.2
	3BA	19.4	20.0	20.2	18.8	18.2	17.1	16.6	16.8	17.8	18.8	18.1	17.9
	3BB	19.4	20.0	20.3	18.9	18.2	17.1	16.7	16.8	17.9	18.9	18.1	17.9
	3BC	17.9	18.5	18.8	17.6	16.9	15.8	15.3	15.5	16.5	17.4	16.7	16.5
	3BD	18.9	19.5	19.8	18.5	17.8	16.7	16.2	16.4	17.4	18.3	17.6	17.3
	3CB	19.8	20.3	20.6	19.3	18.7	17.6	17.0	17.2	18.2	19.0	18.4	18.1
	3DA	22.1	22.6	22.8	21.4	20.7	19.6	18.9	19.4	20.4	21.3	20.8	20.3
	3DB	23.5	23.9	24.1	22.7	22.0	20.8	20.1	20.6	21.7	22.6	22.1	21.6
	3EA	20.7	21.1	21.2	19.8	19.1	17.9	17.3	17.8	18.9	19.8	19.3	18.9
	3EB	21.8	22.2	22.4	20.9	20.2	19.0	18.3	18.9	20.0	20.9	20.4	20.0
	3EC	21.7	22.0	22.2	20.8	20.1	18.8	18.1	18.7	19.8	20.7	20.2	19.8
	3ED	24.0	24.3	24.6	23.1	22.4	21.1	20.4	21.0	22.1	23.0	22.5	22.0
	3FA	22.8	23.2	23.4	22.0	21.3	19.9	19.2	19.7	21.0	21.9	21.4	21.0
	3FB	25.4	25.7	26.1	24.5	23.8	22.4	21.6	22.0	23.3	24.2	24.2	23.7
	3G	24.1	24.4	24.9	23.2	22.5	21.2	20.5	20.7	22.0	22.9	23.1	22.6
	3HA	26.3	26.6	27.3	25.4	24.7	23.5	22.9	22.8	23.9	24.8	25.7	25.2
	3HB	27.2	27.3	28.2	26.6	25.7	24.6	23.8	23.9	24.7	25.2	26.5	26.3
	3HC	27.4	27.4	28.4	27.1	25.9	25.0	24.1	24.2	24.8	25.2	26.5	26.5
	3HD1	27.4	27.4	28.4	27.1	25.8	24.9	24.0	24.2	24.8	25.1	26.4	26.5
	3HD2	27.8	27.7	28.7	27.5	26.2	25.4	24.4	24.6	25.2	25.5	26.8	26.9
	3J	24.3	24.5	25.2	23.4	22.7	21.5	20.7	20.8	22.0	22.8	23.5	23.0
	3K	27.4	27.5	28.4	26.8	25.8	24.9	24.0	24.1	24.8	25.2	26.5	26.4
	3LA	26.6	26.7	27.6	26.0	25.0	24.0	23.2	23.2	24.1	24.7	25.9	25.7
	3LB	27.5	27.5	28.5	27.2	26.0	25.1	24.1	24.3	24.9	25.3	26.5	26.6
	3MA-1	24.8	25.0	25.8	24.0	23.2	22.1	21.4	21.3	22.4	23.1	24.1	23.8
	3MA-2	26.2	26.3	27.2	25.6	24.6	23.7	22.8	22.8	23.7	24.2	25.5	25.3
	3MB	27.0	27.0	27.9	26.4	25.3	24.4	23.5	23.6	24.3	24.7	26.0	26.0
	3MC	26.9	26.9	27.8	26.3	25.3	24.4	23.5	23.5	24.3	24.7	25.9	25.9
	3MD1	27.2	27.2	28.2	26.6	25.6	24.8	23.8	23.9	24.6	24.9	26.1	26.2
	3MD2	27.7	27.7	28.6	27.1	26.0	25.2	24.2	24.4	25.0	25.3	26.6	26.6
	3N	22.1	22.4	22.7	21.2	20.5	19.3	18.6	19.0	20.2	21.2	20.7	20.4

Monthly Temperature by Sub-basin

Year 1999 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.9	15.4	16.1	15.7	15.1	14.3	13.3	14.0	15.0	15.7	15.0	14.3
	4AB	15.9	16.1	16.9	16.5	15.8	15.2	14.1	14.7	15.6	16.3	15.7	15.1
	4AC	15.7	15.9	16.7	16.3	15.6	14.9	13.9	14.4	15.3	16.0	15.4	14.8
	4AD	15.9	16.2	17.0	16.4	15.7	14.9	14.0	14.5	15.4	16.2	15.5	14.9
	4BA	19.9	20.4	21.2	20.6	20.0	19.1	18.1	18.6	19.7	20.4	19.8	19.1
	4BB	16.8	17.3	18.0	17.6	17.0	16.2	15.1	15.8	16.8	17.6	16.9	16.1
	4BC	19.8	20.4	21.1	20.5	20.0	19.1	18.0	18.6	19.8	20.5	19.8	19.1
	4BD	18.1	18.5	19.3	18.4	17.8	16.8	15.9	16.4	17.4	18.2	17.5	16.9
	4BE	19.4	20.0	20.7	19.7	19.0	18.0	17.1	17.6	18.7	19.4	18.7	18.1
	4BF	21.3	21.9	22.5	21.5	20.9	19.8	19.0	19.4	20.5	21.1	20.5	20.0
	4BG	22.4	23.0	23.6	22.7	22.0	20.9	20.0	20.6	21.7	22.4	21.8	21.1
	4CA	16.1	16.6	17.2	16.0	15.4	14.4	13.8	13.9	14.9	15.7	15.0	14.6
	4CB	18.2	18.7	19.1	18.0	17.3	16.3	15.5	15.9	16.9	17.7	17.0	16.6
	4CC	21.8	22.4	22.8	21.6	20.9	19.8	19.1	19.5	20.6	21.3	20.7	20.2
	4DA	19.4	20.0	20.8	20.1	19.5	18.6	17.5	18.2	19.4	20.1	19.5	18.6
	4DB	17.4	18.1	18.9	18.3	17.7	16.8	15.7	16.4	17.6	18.3	17.6	16.7
	4DC	16.8	17.5	18.3	17.7	17.1	16.2	15.1	15.8	17.0	17.7	17.0	16.1
	4DD	22.0	22.7	23.5	22.7	22.1	21.1	20.0	20.8	22.0	22.7	22.0	21.1
	4DE	22.8	23.4	23.9	22.9	22.2	21.1	20.2	20.8	22.0	22.7	22.1	21.4
	4EA	19.5	20.1	21.0	20.4	19.8	19.0	18.0	18.8	19.8	20.5	19.8	18.9
	4EB	18.5	19.1	20.0	19.3	18.7	17.9	16.9	17.6	18.7	19.4	18.7	17.8
	4EC	21.6	22.3	23.1	22.4	21.9	21.0	19.9	20.6	21.8	22.4	21.8	20.8
	4ED	23.1	23.6	24.4	23.5	22.8	21.8	20.8	21.6	22.7	23.4	22.8	21.9
	4FA	20.3	20.9	21.8	21.1	20.6	19.8	18.9	19.7	20.7	21.3	20.6	19.7
	4FB	24.1	24.7	25.7	24.9	24.3	23.5	22.6	23.3	24.3	25.0	24.3	23.4
	4GA	25.6	26.2	27.1	26.2	25.5	24.6	23.9	24.5	25.5	26.2	25.6	24.6
	4GB	27.1	27.6	28.5	27.4	26.6	25.6	25.0	25.5	26.5	27.2	26.9	25.8
	4GC	28.9	29.3	30.1	28.7	27.6	26.4	26.1	26.5	27.5	28.4	28.4	27.0
	4GD	28.0	28.4	29.3	27.9	26.8	25.7	25.3	25.7	26.7	27.5	27.4	26.2
	4GE	27.3	27.7	28.4	27.2	26.2	25.0	24.4	24.9	26.0	26.7	26.6	25.6
	4GF	27.5	27.7	28.4	27.1	26.0	24.9	24.2	24.5	25.5	26.2	26.5	25.8
	4GG	27.7	27.7	28.6	27.6	26.2	25.3	24.5	24.7	25.3	25.7	26.8	26.7
	4HA	25.1	25.4	25.8	24.3	23.7	22.4	21.6	22.1	23.3	24.1	23.8	23.3
	4HB	27.5	27.7	28.4	26.9	26.0	24.8	24.0	24.2	25.3	26.0	26.5	26.1
	4HC	27.2	27.3	28.1	26.5	25.6	24.5	23.7	23.8	24.7	25.4	26.3	26.1
	4JA	28.6	28.8	29.7	28.5	27.2	26.1	25.7	26.0	26.8	27.8	28.2	27.2
	4JB	28.4	28.4	29.4	28.4	26.9	25.9	25.3	25.5	26.2	26.8	27.6	27.1
	4KA	28.5	28.6	29.5	28.4	27.0	26.0	25.4	25.6	26.3	27.1	27.8	27.1
	4KB	28.5	28.5	29.4	28.4	26.9	25.9	25.3	25.5	26.2	26.9	27.6	27.1
ENNCA	5AA	16.4	16.6	17.4	16.5	15.8	15.7	14.8	15.2	15.4	16.2	16.0	15.7
	5AB	16.6	16.7	17.5	16.8	16.2	16.0	15.0	15.5	15.8	16.5	16.2	15.9
	5AC	18.5	18.7	19.5	18.7	18.1	17.9	17.0	17.5	17.9	18.5	18.1	17.9
	5AD	18.3	18.5	19.3	18.7	18.1	17.8	16.9	17.4	17.9	18.5	18.0	17.7
	5BA	16.8	17.0	17.9	17.4	16.8	16.2	15.2	15.8	16.5	17.2	16.6	16.1
	5BB	15.2	15.4	16.2	15.6	15.0	14.6	13.6	14.1	14.8	15.4	14.9	14.5
	5BC-1	16.3	16.6	17.5	16.9	16.3	15.9	15.0	15.6	16.2	16.8	16.1	15.8
	5BC-2	18.5	18.7	19.8	19.0	18.5	18.1	17.2	17.8	18.3	18.9	18.3	18.0
	5BD	17.4	17.5	18.4	17.7	17.1	16.9	15.9	16.4	16.9	17.5	17.0	16.8
	5BE	14.9	15.3	16.2	15.6	15.1	14.6	13.6	14.3	15.0	15.6	14.9	14.4
	5CA	18.0	18.3	19.0	18.2	17.6	17.4	16.4	17.1	17.5	18.1	17.6	17.3
	5CB	20.1	20.4	21.3	20.5	19.9	19.4	18.6	19.2	19.8	20.4	19.9	19.4
	5CC	20.0	20.4	21.2	20.3	19.7	19.3	18.4	19.0	19.5	20.2	19.7	19.2
	5DA	19.4	19.9	20.9	20.2	19.7	19.0	18.1	18.8	19.7	20.3	19.6	18.8
	5DB	18.4	18.8	19.8	19.1	18.5	18.0	17.1	17.8	18.5	19.1	18.4	17.9
	5DC	18.6	18.9	19.9	19.1	18.5	18.1	17.2	17.9	18.4	19.0	18.5	18.1
	5DD	21.4	21.7	22.7	22.0	21.4	20.9	20.0	20.6	21.3	21.9	21.4	20.8
	5EA	27.1	27.8	28.5	27.7	26.7	25.8	25.2	25.7	26.6	26.8	27.1	26.5
	5EB	26.4	27.0	27.6	26.8	26.0	25.2	24.5	25.1	25.9	25.9	26.1	25.7
	5EC	25.1	25.6	26.2	25.5	24.7	24.1	23.3	23.9	24.6	24.9	24.7	24.0
	5ED	25.3	25.9	26.7	25.9	25.1	24.4	23.6	24.2	25.1	25.8	25.4	24.5
	5FA	27.9	28.4	29.2	28.1	27.1	26.1	25.6	26.0	27.0	27.9	27.9	26.7
	5FB	28.2	28.6	29.4	28.3	27.3	26.3	25.8	26.2	27.2	28.1	28.3	27.2
	5G	26.2	27.0	27.6	26.9	26.0	25.1	24.4	25.0	25.9	25.7	25.9	25.4
	5HA	27.8	28.9	29.3	29.1	28.2	27.2	26.4	27.1	28.0	27.6	27.8	26.9
	5HB	26.2	27.2	27.6	27.2	26.3	25.4	24.6	25.2	26.1	25.7	26.0	25.3
	5J	25.5	25.9	26.5	25.9	25.4	24.7	23.8	24.6	25.2	25.3	25.0	24.4

Monthly Temperature by Sub-basin

Year 2000 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.5	20.9	21.6	21.4	20.3	19.7	19.6	19.2	19.9	20.3	20.3	20.2
	1AB	17.5	17.9	18.7	18.5	17.4	16.7	16.6	16.3	16.9	17.4	17.3	17.2
	1AC	21.0	21.4	22.1	21.9	20.8	20.2	20.1	19.7	20.4	20.8	20.8	20.7
	1AD	22.6	23.0	23.7	23.4	22.4	21.7	21.6	21.3	22.0	22.4	22.4	22.3
	1AE	23.3	23.7	24.3	24.0	23.0	22.4	22.3	22.0	22.7	23.1	23.1	22.9
	1AF	22.6	23.1	23.7	23.4	22.4	21.7	21.6	21.3	22.0	22.4	22.4	22.3
	1AG	22.8	23.2	23.8	23.5	22.5	21.9	21.8	21.5	22.2	22.6	22.6	22.4
	1AH	23.3	23.7	24.2	23.9	22.9	22.3	22.2	21.9	22.6	23.0	23.0	22.8
	1BA	16.0	16.3	17.4	17.2	16.3	15.3	15.3	15.1	15.7	16.2	16.2	16.0
	1BB	16.8	17.1	18.1	18.0	17.0	16.1	16.0	15.8	16.3	16.9	16.8	16.7
	1BC	17.8	18.3	19.3	19.1	18.0	17.2	17.0	16.7	17.3	17.9	17.8	17.7
	1BD	18.3	18.7	19.6	19.5	18.5	17.6	17.5	17.3	17.9	18.4	18.4	18.2
	1BE	18.2	18.6	19.6	19.5	18.3	17.5	17.3	17.0	17.5	18.1	18.0	18.0
	1BG	18.2	18.6	19.6	19.4	18.3	17.5	17.3	17.0	17.5	18.1	18.0	18.0
	1BH	17.7	18.1	19.0	18.9	17.8	17.0	16.8	16.5	17.1	17.6	17.6	17.5
	1CA	17.1	17.4	18.4	18.3	17.4	16.4	16.4	16.3	16.9	17.4	17.4	17.1
	1CB	16.9	17.2	18.3	18.1	17.3	16.3	16.3	16.2	16.8	17.3	17.2	17.0
	1CC	16.4	16.7	17.7	17.5	16.7	15.8	15.7	15.7	16.2	16.7	16.6	16.3
	1CD	18.0	18.3	19.2	19.1	18.1	17.2	17.2	17.0	17.6	18.1	18.1	17.9
	1CE	19.3	19.7	20.6	20.4	19.4	18.6	18.5	18.2	18.8	19.3	19.3	19.2
	1DA	20.6	21.0	21.8	21.5	20.5	19.7	19.7	19.4	20.0	20.4	20.5	20.3
	1DB	17.9	18.4	19.2	18.9	17.9	17.1	17.0	16.7	17.3	17.8	17.8	17.7
	1DC	21.6	22.0	22.7	22.3	21.3	20.7	20.6	20.3	20.9	21.3	21.4	21.2
	1DD	22.1	22.5	23.1	22.8	21.8	21.2	21.1	20.8	21.4	21.8	21.8	21.7
	1EA	20.0	20.4	21.0	20.6	19.6	19.0	19.0	18.8	19.3	19.8	19.8	19.6
	1EB	21.7	22.2	22.7	22.1	21.2	20.6	20.6	20.3	20.8	21.3	21.4	21.2
	1EC	21.5	22.0	22.5	22.1	21.1	20.5	20.5	20.2	20.7	21.2	21.3	21.1
	1ED	22.5	22.9	23.5	23.1	22.1	21.5	21.5	21.2	21.8	22.2	22.2	22.1
	1EE	23.2	23.6	24.1	23.7	22.7	22.2	22.1	21.8	22.5	22.9	22.9	22.7
	1EF	23.6	24.2	24.4	23.9	23.1	22.6	22.5	22.3	23.0	23.3	23.1	23.0
	1EG	22.9	23.4	23.6	23.2	22.3	21.9	21.8	21.6	22.3	22.6	22.5	22.3
	1FA	16.1	16.4	17.3	17.0	16.3	15.4	15.4	15.3	15.8	16.2	16.2	16.0
	1FB	18.2	18.5	19.3	19.1	18.2	17.4	17.4	17.2	17.9	18.3	18.3	18.0
	1FC	18.6	19.0	19.7	19.4	18.6	17.8	17.8	17.7	18.3	18.7	18.7	18.4
	1FD	17.8	18.2	18.9	18.6	17.8	17.1	17.0	16.9	17.5	17.9	17.9	17.6
	1FE	20.8	21.2	21.7	21.3	20.4	19.8	19.8	19.6	20.2	20.5	20.6	20.4
	1FF	21.6	22.1	22.4	21.9	21.0	20.6	20.6	20.3	21.1	21.3	21.2	21.0
	1FG	23.4	24.0	24.1	23.6	22.8	22.4	22.3	22.1	22.9	23.0	22.9	22.8
LVSCA	1GA	16.7	17.1	17.8	17.6	16.8	16.1	16.1	15.9	16.6	16.8	16.7	16.5
	1GB	19.9	20.3	20.8	20.5	19.7	19.1	19.1	18.9	19.6	19.8	19.8	19.6
	1GC	17.3	17.8	18.3	18.0	17.3	16.7	16.5	16.3	16.9	17.0	16.9	17.0
	1GD	22.0	22.4	22.6	22.2	21.5	21.1	21.0	20.8	21.5	21.5	21.5	21.4
	1GE	21.8	22.3	22.4	21.9	21.3	20.9	20.7	20.6	21.3	21.2	21.2	21.2
	1GF	22.9	23.4	23.5	23.0	22.3	21.9	21.8	21.6	22.4	22.4	22.3	22.2
	1GG	17.4	17.8	18.4	18.1	17.4	16.8	16.7	16.5	17.1	17.2	17.1	17.1
	1HA1	21.4	21.8	22.2	21.8	20.8	20.5	20.4	20.2	21.0	21.2	21.1	20.9
	1HA2	23.9	24.4	24.5	24.1	23.2	22.9	22.9	22.6	23.5	23.6	23.4	23.3
	1HB1	23.6	24.1	24.2	23.7	22.9	22.6	22.5	22.3	23.1	23.2	23.1	22.9
	1HB2	23.0	23.5	23.7	23.3	22.3	22.1	22.1	21.9	22.7	22.8	22.6	22.4
	1HC	24.0	24.5	24.6	24.0	23.3	22.9	22.8	22.7	23.4	23.5	23.4	23.3
	1HD	22.5	23.1	23.0	22.4	21.8	21.4	21.3	21.2	21.9	22.0	21.8	21.7
	1HE	22.8	23.4	23.2	22.6	22.1	21.7	21.5	21.4	22.2	22.3	22.0	22.0
	1HF	23.4	24.0	23.9	23.3	22.7	22.3	22.2	22.1	22.8	22.9	22.7	22.7
	1HG	23.3	23.9	23.8	23.2	22.6	22.2	22.1	22.0	22.7	22.8	22.6	22.5
	1JA	16.8	17.4	17.6	17.3	16.7	16.2	15.9	15.7	16.4	16.4	16.3	16.4
	1JB	19.0	19.5	19.6	19.2	18.6	18.2	18.0	17.8	18.5	18.4	18.3	18.4
	1JC	18.0	18.5	18.7	18.2	17.6	17.2	17.0	16.8	17.5	17.3	17.3	17.4
	1JD	20.0	20.5	20.6	20.1	19.5	19.1	19.0	18.8	19.5	19.3	19.3	19.4
	1JE	19.1	19.8	19.7	19.2	18.7	18.2	17.9	17.9	18.7	18.8	18.5	18.5
	1JF	18.4	19.0	19.1	18.6	18.1	17.6	17.3	17.2	17.9	18.0	17.8	17.9
	1JG1	21.5	22.0	22.0	21.4	20.8	20.4	20.3	20.1	20.9	20.9	20.7	20.7
	1JG2	23.2	23.8	23.8	23.3	22.6	22.2	22.1	22.0	22.8	22.8	22.6	22.5
	1KA	22.0	22.7	22.4	21.7	21.4	20.9	20.6	20.6	21.4	21.5	21.1	21.2
	1KB	21.9	22.6	22.4	21.8	21.3	20.9	20.6	20.6	21.4	21.4	21.2	21.2
	1KC	20.9	21.6	21.4	21.0	20.4	20.0	19.7	19.6	20.5	20.6	20.3	20.3
	1LA1	17.0	17.7	17.9	17.5	17.0	16.4	16.0	15.8	16.6	16.8	16.6	16.7
	1LA2	20.3	21.0	20.9	20.5	20.0	19.5	19.1	19.1	19.9	20.1	19.9	19.8
	1LA3	18.4	19.0	19.6	19.1	18.2	17.3	16.8	17.0	17.8	18.7	18.4	18.4
	1LB1	17.1	17.8	18.1	17.8	17.2	16.6	16.1	16.0	16.7	17.0	16.7	16.9
	1LB2	18.9	19.6	19.7	19.4	18.8	18.1	17.6	17.7	18.4	18.9	18.6	18.7

Monthly Temperature by Sub-basin

Year 2000 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.5	27.3	28.2	28.3	27.4	26.0	25.4	25.6	26.4	27.0	26.8	26.7
	2AB	27.0	27.7	28.9	29.1	28.4	27.1	26.4	26.6	27.4	27.9	27.6	27.2
	2BA	18.3	18.7	19.7	19.6	18.5	17.7	17.6	17.3	17.8	18.4	18.3	18.2
	2BB	23.0	23.4	24.5	24.5	23.6	22.6	22.4	22.3	22.9	23.4	23.3	23.0
	2BC	21.3	21.7	22.8	22.7	21.8	20.8	20.7	20.5	21.0	21.5	21.4	21.3
	2BD	25.8	26.3	27.7	28.0	27.4	26.2	25.8	25.8	26.5	26.9	26.6	26.0
	2CA	27.3	27.8	29.2	29.6	29.1	27.8	27.3	27.4	28.2	28.5	28.2	27.5
	2CB	20.5	20.9	21.9	21.8	21.1	20.1	20.0	19.8	20.3	20.9	20.8	20.6
	2CC	25.1	25.6	26.7	26.9	26.1	25.0	24.7	24.6	25.3	25.8	25.6	25.2
	2D	23.4	23.9	24.9	25.0	24.3	23.1	22.9	22.8	23.3	23.9	23.8	23.6
	2EA	19.2	19.8	20.6	20.6	20.2	19.1	18.9	18.3	18.8	19.3	19.2	19.4
	2EB	18.7	19.2	20.1	20.1	19.6	18.6	18.3	17.7	18.3	18.8	18.9	18.9
	2EC	18.5	19.2	19.9	19.8	19.3	18.4	18.0	17.5	18.1	18.5	18.2	18.5
	2ED	16.2	16.7	17.6	17.4	16.7	15.9	15.7	15.5	16.1	16.4	16.2	16.2
	2EE	21.2	21.7	22.7	22.6	22.0	20.9	20.8	20.4	21.0	21.5	21.4	21.4
	2EF	18.8	19.3	20.2	20.1	19.4	18.6	18.3	18.0	18.5	18.9	18.7	18.8
	2EG1	15.3	15.9	16.6	16.4	15.8	15.1	14.8	14.3	14.9	15.2	15.0	15.3
	2EG2	21.2	21.7	22.5	22.5	21.9	20.9	20.7	20.2	20.8	21.3	21.2	21.2
	2EH	22.1	22.5	23.5	23.5	22.8	21.7	21.6	21.3	21.9	22.4	22.3	22.2
	2EJ	20.3	20.9	21.8	21.8	21.2	20.3	20.0	19.7	20.2	20.7	20.6	20.6
	2EK	18.6	19.1	20.0	20.1	19.5	18.5	18.3	17.8	18.3	18.8	18.8	18.8
	2FA	17.2	17.9	18.7	18.7	18.1	17.2	16.7	16.2	16.9	17.6	17.2	17.4
	2FB	18.1	18.8	19.7	19.6	19.1	18.2	17.7	17.1	17.8	18.3	17.8	18.3
	2FC	16.8	17.5	18.2	18.1	17.5	16.7	16.2	15.7	16.4	16.9	16.5	16.9
	2GA	16.5	17.2	18.0	18.0	17.3	16.4	15.9	15.5	16.2	17.0	16.7	16.8
	2GB	14.5	15.1	16.0	16.1	15.4	14.4	14.0	13.6	14.3	15.0	14.8	14.8
	2GC	13.3	13.9	15.0	15.0	14.1	13.1	12.6	12.4	13.2	14.3	13.9	13.8
	2GD	15.7	16.4	17.4	17.1	16.1	15.1	14.4	14.5	15.3	16.5	16.1	16.1
	2H-1	20.6	21.2	22.4	21.7	20.7	19.3	18.7	19.1	19.8	21.4	21.0	21.0
	2H-2	21.3	21.8	23.2	22.3	21.3	19.8	19.2	19.6	20.3	22.1	21.7	21.6
	2H-3	20.7	21.3	22.7	21.8	20.8	19.3	18.6	19.0	19.8	21.5	21.1	21.0
	2J	26.3	26.9	28.1	28.3	27.5	26.3	25.8	25.9	26.6	27.1	26.9	26.4
	2KA	16.8	17.5	18.0	17.8	17.0	16.2	15.6	15.6	16.4	17.2	16.9	16.9
	2KB	19.0	19.7	20.6	20.2	19.1	17.9	17.2	17.7	18.3	19.8	19.5	19.4
	2KC	22.2	22.8	23.8	23.3	22.1	20.9	20.3	20.7	21.3	22.9	22.6	22.5
ACA	3AA	18.8	19.3	20.7	19.9	18.8	17.3	16.7	17.1	17.8	19.6	19.2	19.1
	3AB	19.1	19.8	21.2	20.2	19.2	17.7	17.0	17.5	18.2	20.0	19.7	19.5
	3AC	19.5	20.0	21.7	20.8	19.9	18.4	17.7	18.1	18.9	20.7	20.3	20.1
	3BA	18.5	19.0	20.4	19.6	18.6	17.1	16.4	16.9	17.6	19.4	18.9	18.9
	3BB	18.5	19.0	20.4	19.6	18.6	17.2	16.5	16.9	17.6	19.5	19.0	18.9
	3BC	17.0	17.5	18.9	18.2	17.2	15.7	15.1	15.5	16.2	18.0	17.6	17.4
	3BD	17.6	18.0	19.7	19.1	18.0	16.6	16.0	16.4	17.1	18.9	18.5	18.3
	3CB	18.2	18.5	20.4	19.8	18.8	17.4	16.9	17.1	17.9	19.8	19.3	19.1
	3DA	20.5	21.0	22.8	22.1	21.1	19.6	19.0	19.3	20.1	22.0	21.6	21.3
	3DB	21.7	22.5	24.3	23.3	22.2	20.7	20.0	20.5	21.3	23.1	22.8	22.5
	3EA	19.1	19.9	21.6	20.5	19.5	18.0	17.3	17.8	18.5	20.4	20.1	19.7
	3EB	20.2	20.9	22.6	21.6	20.6	19.0	18.4	18.8	19.6	21.4	21.2	20.8
	3EC	20.1	21.1	22.6	21.4	20.4	18.8	18.1	18.6	19.4	21.2	21.0	20.7
	3ED	22.0	23.0	24.8	23.6	22.5	21.0	20.3	20.8	21.6	23.4	23.2	22.8
	3FA	21.3	22.3	23.8	22.6	21.6	19.9	19.2	19.8	20.5	22.3	22.1	21.8
	3FB	23.8	25.0	26.4	25.0	23.9	22.2	21.5	22.0	22.6	24.3	24.8	24.3
	3G	22.7	23.8	25.1	23.7	22.5	21.0	20.2	20.6	21.2	22.8	23.5	23.1
	3HA	25.4	26.2	27.3	26.0	24.7	23.3	22.5	22.7	23.1	24.6	25.9	25.6
	3HB	26.4	26.5	27.8	27.0	25.5	24.4	23.7	23.9	24.2	25.0	26.6	26.8
	3HC	26.5	26.4	27.7	27.4	25.6	24.8	24.1	24.3	24.6	25.0	26.6	27.1
	3HD1	26.5	26.2	27.7	27.3	25.5	24.7	24.1	24.2	24.6	24.8	26.5	27.1
	3HD2	26.9	26.7	28.2	28.0	26.1	25.4	24.8	24.9	25.3	25.4	27.1	27.6
	3J	23.1	23.9	25.0	23.8	22.4	21.1	20.3	20.5	21.0	22.5	23.6	23.4
	3K	26.5	26.6	27.6	27.0	25.3	24.3	23.5	23.6	24.0	24.9	26.5	26.8
	3LA	25.7	25.9	27.0	26.3	24.7	23.6	22.9	23.0	23.4	24.3	25.8	26.0
	3LB	26.6	26.4	27.8	27.5	25.6	24.8	24.2	24.4	24.7	25.0	26.6	27.2
	3MA-1	23.9	24.4	25.4	24.4	23.0	21.7	21.0	21.1	21.5	22.8	24.2	24.1
	3MA-2	25.4	25.6	26.6	25.8	24.3	23.2	22.4	22.5	22.9	23.9	25.4	25.7
	3MB	26.1	26.1	27.1	26.5	24.8	23.8	23.0	23.2	23.6	24.4	26.0	26.4
	3MC	26.0	26.0	27.0	26.4	24.7	23.7	22.9	23.0	23.4	24.2	25.8	26.2
	3MD1	26.2	26.1	27.1	26.7	25.0	24.1	23.3	23.5	23.9	24.5	26.1	26.6
	3MD2	26.8	26.7	27.7	27.1	25.2	24.3	23.5	23.6	24.0	24.8	26.4	27.0
	3N	20.7	21.6	23.1	21.9	20.9	19.3	18.6	19.1	19.8	21.6	21.5	21.1

Monthly Temperature by Sub-basin

Year 2000 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.5	15.2	16.4	16.5	15.7	14.5	13.8	14.0	15.2	16.3	15.7	15.0
	4AB	15.4	16.1	17.1	17.3	16.5	15.4	14.8	14.8	15.8	16.8	16.4	15.9
	4AC	15.0	15.6	16.8	17.0	16.1	14.9	14.4	14.3	15.5	16.7	16.1	15.7
	4AD	15.0	15.6	17.0	17.1	16.2	15.0	14.4	14.4	15.6	16.8	16.3	15.8
	4BA	19.1	19.8	21.2	21.3	20.4	19.0	18.3	18.5	19.7	21.1	20.6	20.0
	4BB	16.3	17.1	18.3	18.4	17.6	16.3	15.5	15.8	16.9	18.2	17.6	16.9
	4BC	19.1	20.0	21.3	21.4	20.5	19.1	18.3	18.6	19.7	21.1	20.6	19.9
	4BD	17.0	17.6	19.1	19.0	18.0	16.7	16.0	16.2	17.3	18.9	18.4	17.8
	4BE	18.2	18.8	20.4	20.2	19.2	17.8	17.1	17.4	18.5	20.1	19.6	19.1
	4BF	19.9	20.3	22.2	22.0	21.0	19.6	19.0	19.1	20.1	21.9	21.4	20.9
	4BG	21.1	21.7	23.4	23.2	22.3	20.7	20.0	20.3	21.3	23.1	22.6	22.0
	4CA	14.8	15.2	16.9	16.4	15.3	14.0	13.5	13.8	14.6	16.4	15.9	15.6
	4CB	16.7	17.1	18.8	18.4	17.4	16.1	15.5	15.7	16.7	18.4	17.9	17.6
	4CC	20.1	20.6	22.5	22.1	21.1	19.6	19.0	19.2	20.2	22.0	21.5	21.1
	4DA	18.7	19.6	20.9	21.0	20.1	18.6	17.7	18.1	19.2	20.7	20.2	19.4
	4DB	16.9	17.9	19.0	19.1	18.3	16.7	15.8	16.2	17.4	18.9	18.3	17.5
	4DC	16.3	17.3	18.5	18.5	17.7	16.2	15.2	15.7	16.8	18.3	17.7	16.9
	4DD	21.3	22.1	23.5	23.5	22.5	21.0	20.1	20.5	21.7	23.3	22.7	22.0
	4DE	21.4	22.2	23.9	23.5	22.5	20.9	20.1	20.5	21.5	23.3	22.8	22.3
	4EA	19.5	20.0	21.1	21.1	20.4	19.2	18.4	18.7	20.0	21.2	20.5	19.7
	4EB	18.2	18.9	20.1	20.1	19.3	18.0	17.1	17.5	18.7	20.0	19.4	18.6
	4EC	21.1	21.9	23.2	23.2	22.3	20.8	20.0	20.3	21.5	23.1	22.5	21.7
	4ED	22.2	22.8	24.3	24.1	23.2	21.7	20.9	21.2	22.4	24.1	23.5	22.8
	4FA	20.4	20.7	21.9	21.8	21.1	20.0	19.2	19.6	20.8	22.1	21.3	20.5
	4FB	24.1	24.5	25.7	25.6	24.9	23.7	22.9	23.2	24.4	25.7	25.0	24.3
	4GA	25.6	26.0	27.1	27.0	26.1	24.9	24.2	24.5	25.5	26.7	26.3	25.9
	4GB	26.8	27.4	28.5	28.3	27.2	25.8	25.2	25.5	26.3	27.6	27.6	27.3
	4GC	28.2	29.2	30.2	29.9	28.4	26.9	26.3	26.6	27.1	28.5	29.1	29.1
	4GD	27.2	27.9	29.1	28.8	27.4	26.1	25.4	25.7	26.3	27.6	28.1	28.0
	4GE	26.2	27.1	28.4	27.9	26.6	25.2	24.5	24.8	25.6	26.9	27.2	27.0
	4GF	26.2	26.9	28.3	27.7	26.2	25.1	24.3	24.6	25.2	26.2	27.0	27.0
	4GG	26.8	26.7	28.1	28.0	26.2	25.7	24.9	25.0	25.3	25.5	27.1	27.5
	4HA	23.3	24.4	25.9	24.8	23.8	22.2	21.4	21.9	22.7	24.4	24.5	24.0
	4HB	26.3	27.0	28.3	27.4	26.0	24.8	24.1	24.4	24.9	26.0	27.0	26.9
	4HC	26.2	26.6	28.0	27.0	25.6	24.4	23.7	24.0	24.4	25.3	26.6	26.7
	4JA	28.1	28.9	29.9	29.8	28.2	27.1	26.4	26.5	26.9	28.0	28.9	29.1
	4JB	27.5	27.6	29.0	29.0	27.1	26.6	25.8	25.8	26.1	26.5	28.0	28.3
	4KA	27.7	28.0	29.3	29.2	27.4	26.7	26.0	26.0	26.3	26.9	28.2	28.6
	4KB	27.5	27.7	29.1	29.1	27.2	26.6	25.8	25.9	26.2	26.7	28.0	28.4
ENNCA	5AA	16.1	16.6	17.5	17.6	17.1	16.0	15.7	15.1	15.7	16.3	16.4	16.4
	5AB	16.3	16.9	17.7	17.9	17.3	16.3	15.9	15.5	16.1	16.7	16.7	16.6
	5AC	18.2	18.8	19.7	19.8	19.2	18.3	17.9	17.5	18.2	18.8	18.6	18.6
	5AD	18.2	18.6	19.6	19.7	19.1	18.2	17.8	17.5	18.2	18.8	18.6	18.5
	5BA	16.3	17.1	18.1	18.2	17.5	16.4	15.8	15.8	16.8	17.6	17.3	16.9
	5BB	14.7	15.4	16.4	16.5	15.9	14.8	14.4	14.2	15.0	15.8	15.5	15.3
	5BC-1	16.1	16.7	17.7	17.8	17.2	16.2	15.8	15.8	16.6	17.2	16.8	16.5
	5BC-2	18.4	18.8	19.8	19.9	19.4	18.5	18.0	18.0	18.8	19.3	19.0	18.7
	5BD	17.1	17.7	18.6	18.7	18.1	17.2	16.8	16.5	17.2	17.8	17.6	17.5
	5BE	14.8	15.4	16.4	16.4	15.9	14.9	14.4	14.5	15.4	16.1	15.6	15.0
	5CA	18.0	18.2	19.1	19.1	18.7	17.7	17.3	17.1	17.8	18.4	18.2	18.1
	5CB	20.2	20.4	21.3	21.4	20.8	19.7	19.2	19.2	20.0	20.9	20.6	20.3
	5CC	20.2	20.3	21.1	21.2	20.6	19.5	19.0	19.0	19.6	20.5	20.3	20.2
	5DA	19.7	19.8	21.0	21.0	20.3	19.2	18.5	18.8	20.0	21.0	20.4	19.6
	5DB	18.5	18.8	19.9	19.9	19.3	18.3	17.7	17.9	18.9	19.7	19.2	18.6
	5DC	18.8	18.9	19.9	20.0	19.4	18.4	18.0	17.9	18.7	19.4	19.2	18.9
	5DD	21.5	21.7	22.7	22.8	22.2	21.2	20.7	20.7	21.6	22.5	22.1	21.5
	5EA	27.9	29.0	29.5	29.2	27.7	26.2	25.5	25.9	26.5	27.5	27.9	28.5
	5EB	27.2	28.3	28.6	28.2	26.7	25.3	24.5	24.9	25.6	26.7	27.0	27.5
	5EC	25.4	26.1	26.6	26.4	25.5	24.1	23.3	23.6	24.4	25.6	25.4	25.5
	5ED	25.7	26.1	27.0	26.9	26.1	24.7	24.0	24.3	25.2	26.4	26.1	25.9
	5FA	27.9	28.6	29.6	29.4	28.2	26.8	26.1	26.4	27.0	28.3	28.6	28.5
	5FB	28.6	29.3	30.1	29.9	28.7	27.3	26.6	26.8	27.3	28.7	29.1	29.2
	5G	26.7	27.8	28.3	28.1	26.3	25.0	24.3	24.7	25.5	26.2	26.4	27.1
	5HA	27.9	28.7	29.7	29.9	27.9	26.8	26.2	26.7	27.6	27.7	27.5	28.3
	5HB	26.5	27.4	28.1	28.1	26.2	25.0	24.3	24.8	25.7	26.1	26.1	26.8
	5J	25.6	26.5	27.1	26.9	25.9	24.5	23.8	24.1	24.8	25.8	25.7	25.8

Monthly Temperature by Sub-basin

Year 2001 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	19.9	20.9	21.0	20.7	20.5	19.3	19.2	20.2	20.3	20.7	20.6	20.9
	1AB	16.9	18.0	18.0	17.8	17.6	16.3	16.2	17.2	17.3	17.7	17.6	17.9
	1AC	20.3	21.4	21.5	21.2	21.0	19.8	19.7	20.7	20.8	21.2	21.1	21.5
	1AD	21.9	23.0	23.1	22.8	22.5	21.4	21.3	22.3	22.3	22.8	22.7	23.1
	1AE	22.5	23.6	23.7	23.4	23.2	22.0	21.9	22.9	23.0	23.4	23.3	23.8
	1AF	21.9	23.0	23.1	22.7	22.5	21.4	21.3	22.2	22.3	22.8	22.7	23.1
	1AG	22.0	23.1	23.2	22.9	22.7	21.5	21.4	22.4	22.5	22.9	22.8	23.3
	1AH	22.4	23.5	23.5	23.2	23.1	21.9	21.9	22.7	22.8	23.2	23.1	23.7
	1BA	15.9	16.6	16.8	16.8	16.5	15.1	14.9	16.1	16.1	16.7	16.5	16.5
	1BB	16.6	17.4	17.5	17.5	17.2	15.8	15.7	16.8	16.8	17.3	17.1	17.3
	1BC	17.6	18.6	18.5	18.5	18.2	16.9	16.7	17.7	17.7	18.2	17.9	18.2
	1BD	18.1	18.9	19.0	19.0	18.7	17.3	17.2	18.4	18.4	18.9	18.7	18.9
	1BE	17.8	18.9	18.8	18.7	18.5	17.2	17.0	18.0	18.0	18.4	18.1	18.4
	1BG	17.8	18.9	18.8	18.7	18.5	17.1	17.0	18.0	18.0	18.4	18.1	18.4
	1BH	17.3	18.3	18.3	18.2	18.0	16.6	16.5	17.5	17.5	18.0	17.8	18.1
	1CA	17.1	17.7	17.9	17.9	17.6	16.2	16.0	17.4	17.5	18.1	17.8	17.9
	1CB	16.9	17.5	17.8	17.8	17.5	16.1	15.9	17.2	17.4	17.9	17.7	17.7
	1CC	16.3	16.9	17.1	17.1	16.9	15.5	15.3	16.5	16.6	17.2	16.9	17.0
	1CD	17.8	18.5	18.7	18.6	18.3	17.0	16.8	18.1	18.2	18.7	18.6	18.8
	1CE	19.0	19.9	20.0	19.9	19.6	18.3	18.1	19.3	19.3	19.8	19.7	20.0
	1DA	20.0	21.0	21.1	20.9	20.6	19.4	19.3	20.3	20.4	20.9	20.8	21.2
	1DB	17.4	18.4	18.5	18.3	18.0	16.8	16.7	17.7	17.7	18.2	18.0	18.4
	1DC	20.8	21.9	22.0	21.7	21.5	20.3	20.2	21.2	21.2	21.7	21.6	22.0
	1DD	21.3	22.4	22.5	22.2	21.9	20.8	20.7	21.7	21.7	22.2	22.1	22.5
	1EA	19.3	20.2	20.3	20.1	19.9	18.7	18.6	19.5	19.6	20.1	20.0	20.5
	1EB	20.8	21.8	21.8	21.6	21.4	20.3	20.2	21.0	21.1	21.5	21.5	22.1
	1EC	20.7	21.7	21.8	21.5	21.3	20.2	20.1	21.0	21.1	21.5	21.5	22.0
	1ED	21.6	22.7	22.8	22.5	22.3	21.2	21.1	22.0	22.1	22.5	22.4	23.0
	1EE	22.3	23.4	23.4	23.1	22.9	21.8	21.7	22.6	22.7	23.0	22.9	23.6
	1EF	22.5	23.9	23.7	23.3	23.3	22.2	22.1	22.8	22.9	23.2	23.1	23.8
	1EG	21.9	23.0	23.0	22.6	22.5	21.5	21.4	22.2	22.3	22.7	22.6	23.3
	1FA	15.9	16.5	16.7	16.7	16.5	15.1	14.9	16.1	16.3	16.8	16.6	16.8
	1FB	17.8	18.5	18.7	18.6	18.4	17.1	17.0	18.1	18.2	18.7	18.6	18.9
	1FC	18.2	18.9	19.1	19.0	18.8	17.5	17.4	18.5	18.6	19.1	19.0	19.4
	1FD	17.5	18.1	18.3	18.2	18.1	16.8	16.6	17.7	17.8	18.4	18.2	18.6
	1FE	19.9	20.9	21.0	20.7	20.6	19.5	19.4	20.3	20.4	20.8	20.8	21.4
	1FF	20.6	21.7	21.7	21.3	21.3	20.2	20.1	20.8	21.0	21.4	21.3	22.0
	1FG	22.3	23.5	23.5	23.0	23.0	22.0	21.9	22.5	22.7	23.1	22.9	23.7
LVSCA	1GA	16.5	17.1	17.3	17.1	17.0	15.7	15.6	16.4	16.5	17.1	16.8	17.2
	1GB	19.3	20.1	20.3	20.0	19.9	18.7	18.6	19.5	19.7	20.1	19.9	20.5
	1GC	17.0	17.6	17.7	17.3	17.4	16.1	15.9	16.6	16.7	17.3	16.8	17.3
	1GD	21.0	22.1	22.1	21.6	21.8	20.6	20.5	21.2	21.3	21.7	21.5	22.2
	1GE	20.8	21.9	21.9	21.3	21.5	20.4	20.3	20.9	21.1	21.5	21.2	22.0
	1GF	21.8	23.0	23.0	22.4	22.5	21.4	21.4	22.0	22.2	22.5	22.3	23.1
	1GG	17.1	17.7	17.8	17.5	17.6	16.3	16.1	17.0	17.1	17.6	17.2	17.8
	1HA1	20.4	21.5	21.6	21.1	21.1	20.1	20.0	20.7	20.9	21.3	21.2	21.9
	1HA2	22.8	23.9	24.0	23.4	23.5	22.5	22.4	23.0	23.2	23.6	23.4	24.2
	1HB1	22.4	23.7	23.6	23.1	23.2	22.1	22.1	22.7	22.8	23.2	23.0	23.9
	1HB2	21.9	23.1	23.2	22.6	22.7	21.7	21.6	22.2	22.3	22.7	22.6	23.4
	1HC	22.8	24.1	24.0	23.5	23.6	22.5	22.4	23.1	23.2	23.6	23.4	24.2
	1HD	21.3	22.6	22.5	21.9	22.1	21.0	20.9	21.5	21.7	22.0	21.7	22.6
	1HE	21.5	22.9	22.8	22.1	22.3	21.2	21.2	21.8	22.0	22.3	21.9	22.9
	1HF	22.2	23.5	23.5	22.8	23.0	21.9	21.8	22.5	22.7	23.0	22.7	23.6
	1HG	22.1	23.4	23.3	22.7	22.9	21.8	21.7	22.3	22.5	22.8	22.6	23.5
	1JA	16.3	17.0	17.0	16.6	16.7	15.5	15.2	15.9	16.2	16.7	16.1	16.9
	1JB	18.2	19.1	19.1	18.5	18.8	17.6	17.5	18.1	18.3	18.7	18.2	19.1
	1JC	17.2	18.1	18.1	17.5	17.8	16.6	16.5	17.1	17.3	17.7	17.2	18.0
	1JD	19.1	20.1	20.1	19.5	19.8	18.6	18.5	19.1	19.3	19.7	19.3	20.2
	1JE	18.2	19.3	19.2	18.7	18.8	17.6	17.5	18.1	18.5	18.9	18.4	19.3
	1JF	17.6	18.6	18.5	18.1	18.2	17.0	16.8	17.4	17.7	18.2	17.7	18.5
	1JG1	20.3	21.5	21.5	20.9	21.1	19.9	19.9	20.5	20.7	21.0	20.7	21.6
	1JG2	22.1	23.3	23.3	22.7	22.8	21.8	21.7	22.3	22.5	22.8	22.6	23.5
	1KA	20.7	22.2	22.1	21.4	21.5	20.4	20.4	21.0	21.2	21.5	21.1	22.1
	1KB	20.7	22.1	22.0	21.4	21.5	20.4	20.3	21.0	21.2	21.5	21.1	22.1
	1KC	19.9	21.1	21.0	20.5	20.6	19.4	19.2	19.9	20.2	20.7	20.2	21.1
	1LA1	16.6	17.3	17.2	16.8	16.9	15.6	15.3	16.0	16.4	17.0	16.3	17.1
	1LA2	19.5	20.4	20.4	20.0	20.1	18.9	18.6	19.3	19.7	20.2	19.7	20.5
	1LA3	17.9	18.8	18.7	18.6	18.2	16.8	16.1	17.1	18.1	18.7	18.0	18.5
	1LB1	16.8	17.4	17.4	17.0	17.0	15.8	15.4	16.1	16.5	17.2	16.5	17.2
	1LB2	18.4	19.1	19.1	18.9	18.7	17.4	17.0	17.7	18.4	19.0	18.4	19.1

Monthly Temperature by Sub-basin

Year 2001 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.7	27.3	27.7	26.5	27.3	25.8	25.1	25.8	26.6	27.2	26.3	26.3
	2AB	27.1	27.8	28.3	27.4	28.3	26.8	26.2	26.9	27.8	28.2	27.3	27.1
	2BA	18.1	19.0	19.1	19.0	18.7	17.4	17.2	18.4	18.5	18.9	18.6	18.8
	2BB	22.9	23.7	23.9	23.8	23.8	22.3	22.1	23.2	23.4	23.8	23.4	23.4
	2BC	21.1	22.0	22.2	22.0	21.9	20.5	20.4	21.4	21.5	22.0	21.6	21.7
	2BD	25.7	26.6	27.0	26.7	27.4	25.9	25.5	26.3	26.8	27.3	26.5	26.2
	2CA	27.2	28.1	28.7	28.1	29.1	27.6	27.1	27.7	28.5	28.9	28.0	27.5
	2CB	20.7	21.2	21.4	21.4	21.1	19.7	19.5	20.5	20.6	21.2	20.9	20.9
	2CC	25.1	25.8	26.1	25.8	26.2	24.7	24.4	25.1	25.5	26.0	25.4	25.2
	2D	23.7	24.2	24.5	24.2	24.2	22.8	22.4	23.3	23.5	24.2	23.5	23.4
	2EA	19.7	20.1	20.1	19.7	19.5	18.3	18.0	18.7	18.6	19.5	18.9	18.9
	2EB	19.2	19.6	19.6	19.3	19.1	17.9	17.5	18.3	18.2	19.1	18.5	18.5
	2EC	18.8	19.3	19.2	18.7	18.7	17.5	17.2	17.8	17.8	18.6	17.9	18.2
	2ED	16.3	16.8	17.0	16.7	16.6	15.3	15.1	15.8	15.9	16.6	16.1	16.3
	2EE	21.6	22.0	22.1	22.0	21.7	20.4	20.1	21.1	21.1	21.9	21.4	21.5
	2EF	19.0	19.5	19.5	19.2	19.1	17.9	17.6	18.4	18.4	19.1	18.5	18.8
	2EG1	15.4	15.9	15.9	15.5	15.5	14.2	14.0	14.6	14.7	15.4	14.8	15.2
	2EG2	21.5	21.9	21.9	21.6	21.5	20.2	20.0	20.7	20.7	21.5	20.9	21.1
	2EH	22.4	22.8	23.0	22.9	22.6	21.3	21.0	22.0	22.0	22.7	22.3	22.2
	2EJ	20.8	21.2	21.4	21.1	20.9	19.6	19.3	20.1	20.1	20.9	20.3	20.2
	2EK	19.1	19.4	19.6	19.3	19.0	17.8	17.5	18.3	18.2	19.0	18.4	18.4
	2FA	17.7	18.0	18.1	17.6	17.4	16.2	15.7	16.4	16.7	17.6	16.7	17.0
	2FB	18.6	19.0	19.0	18.3	18.3	17.1	16.8	17.4	17.4	18.2	17.3	17.8
	2FC	17.1	17.5	17.5	17.0	16.9	15.6	15.3	15.9	16.1	17.0	16.1	16.6
	2GA	17.0	17.3	17.4	17.0	16.8	15.5	14.9	15.7	16.1	17.0	16.2	16.3
	2GB	15.0	15.5	15.6	15.1	14.8	13.6	13.1	13.9	14.3	15.1	14.3	14.3
	2GC	13.9	14.5	14.6	14.2	13.8	12.4	11.7	12.7	13.4	14.2	13.3	13.3
	2GD	15.9	16.6	16.5	16.3	15.9	14.4	13.6	14.6	15.6	16.3	15.4	15.7
	2H-1	20.4	21.6	21.3	21.1	20.5	18.9	17.9	18.9	20.7	21.3	20.3	20.7
	2H-2	21.0	22.4	22.0	21.7	21.1	19.4	18.4	19.4	21.3	21.9	20.9	21.2
	2H-3	20.5	21.8	21.5	21.1	20.5	18.9	17.8	18.8	20.8	21.4	20.3	20.6
	2J	26.3	27.0	27.5	26.8	27.5	26.0	25.6	26.3	27.0	27.4	26.6	26.4
	2KA	16.7	17.1	17.1	17.1	16.8	15.4	14.7	15.6	16.5	17.3	16.5	17.0
	2KB	18.9	19.7	19.5	19.6	19.0	17.4	16.4	17.5	19.0	19.8	18.9	19.2
	2KC	21.9	22.9	22.7	22.7	22.1	20.5	19.5	20.4	22.2	22.9	21.9	22.3
ACA	3AA	18.5	19.9	19.5	19.2	18.6	16.9	15.9	16.8	18.9	19.5	18.4	18.7
	3AB	18.9	20.2	20.0	19.6	19.0	17.3	16.2	17.2	19.3	19.9	18.8	19.1
	3AC	19.6	20.8	20.6	20.2	19.6	18.0	16.9	17.8	19.9	20.5	19.4	19.6
	3BA	18.3	19.6	19.3	19.0	18.4	16.7	15.7	16.7	18.6	19.2	18.2	18.4
	3BB	18.4	19.7	19.3	19.0	18.4	16.8	15.8	16.7	18.6	19.2	18.2	18.4
	3BC	16.9	18.2	17.9	17.6	17.0	15.3	14.4	15.4	17.2	17.8	16.8	17.0
	3BD	17.8	19.0	18.7	18.5	17.8	16.2	15.2	16.2	18.0	18.6	17.6	17.8
	3CB	18.6	19.8	19.5	19.3	18.6	17.0	16.0	17.0	18.8	19.4	18.4	18.4
	3DA	20.8	22.0	21.8	21.4	20.9	19.2	18.2	19.1	21.1	21.7	20.7	20.7
	3DB	22.0	23.2	23.2	22.7	22.2	20.5	19.4	20.5	22.3	23.0	22.0	21.9
	3EA	19.2	20.4	20.4	19.9	19.4	17.7	16.5	17.6	19.6	20.3	19.2	19.3
	3EB	20.3	21.5	21.5	21.0	20.4	18.8	17.6	18.7	20.6	21.3	20.3	20.3
	3EC	20.1	21.4	21.5	20.9	20.4	18.6	17.5	18.6	20.4	21.2	20.1	20.1
	3ED	22.3	23.5	23.8	23.1	22.6	20.9	19.8	20.9	22.7	23.4	22.4	22.4
	3FA	21.3	22.6	22.8	22.1	21.6	19.8	18.7	19.8	21.6	22.4	21.4	21.4
	3FB	23.9	25.1	25.9	24.9	24.3	22.5	21.4	22.4	23.7	24.6	23.8	24.0
	3G	22.7	23.9	24.7	23.7	23.0	21.3	20.2	21.0	22.3	23.2	22.4	22.9
	3HA	25.2	26.3	27.4	26.2	25.3	23.8	22.6	23.2	24.1	25.2	24.1	25.6
	3HB	26.4	27.0	28.2	27.2	26.1	24.7	23.7	24.1	24.8	25.9	25.5	27.0
	3HC	26.7	27.1	28.3	27.4	26.2	24.8	24.0	24.2	24.8	25.9	26.3	27.5
	3HD1	26.6	27.0	28.2	27.3	26.1	24.7	24.0	24.1	24.7	25.8	26.4	27.5
	3HD2	27.2	27.5	28.7	28.0	26.7	25.3	24.6	24.7	25.3	26.3	26.9	27.9
	3J	23.0	24.0	25.1	23.9	23.1	21.5	20.4	21.1	22.0	23.1	22.3	23.4
	3K	26.4	27.1	28.2	27.1	26.1	24.5	23.7	24.0	24.7	25.8	25.9	27.3
	3LA	25.6	26.3	27.5	26.4	25.4	23.9	22.9	23.3	24.0	25.1	24.8	26.3
	3LB	26.8	27.1	28.4	27.5	26.3	24.9	24.1	24.3	24.9	26.0	26.5	27.6
	3MA-1	23.7	24.6	25.8	24.6	23.7	22.1	21.1	21.6	22.4	23.5	22.7	24.3
	3MA-2	25.3	26.0	27.1	26.0	25.0	23.5	22.5	22.9	23.7	24.8	24.4	26.0
	3MB	26.0	26.6	27.8	26.6	25.6	24.1	23.2	23.5	24.3	25.4	25.6	26.9
	3MC	25.9	26.5	27.6	26.5	25.5	23.9	23.1	23.4	24.1	25.2	25.5	26.8
	3MD1	26.2	26.8	27.9	26.8	25.8	24.3	23.5	23.7	24.4	25.5	26.2	27.2
	3MD2	26.6	27.2	28.3	27.2	26.1	24.5	23.7	24.1	24.7	25.9	26.5	27.7
	3N	20.6	21.9	22.1	21.4	20.9	19.2	18.1	19.1	20.9	21.7	20.7	20.8

Monthly Temperature by Sub-basin

Year 2001 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.2	15.8	16.5	15.9	15.5	13.9	13.0	14.3	15.6	16.2	15.0	14.6
	4AB	16.1	16.6	17.2	16.7	16.2	14.8	13.9	15.1	16.1	16.8	15.7	15.5
	4AC	15.9	16.3	16.9	16.4	15.9	14.4	13.4	14.6	15.7	16.5	15.4	15.2
	4AD	15.9	16.5	16.9	16.5	16.0	14.5	13.5	14.7	15.9	16.6	15.5	15.3
	4BA	20.0	20.8	21.2	20.7	20.2	18.6	17.5	18.8	20.3	20.9	19.7	19.4
	4BB	17.0	17.7	18.3	17.8	17.3	15.7	14.7	16.1	17.5	18.1	16.8	16.4
	4BC	19.9	20.7	21.2	20.7	20.2	18.6	17.5	18.9	20.4	20.9	19.7	19.3
	4BD	17.8	18.6	18.8	18.5	17.9	16.3	15.1	16.4	18.0	18.6	17.5	17.2
	4BE	19.0	19.8	20.0	19.7	19.1	17.5	16.3	17.5	19.2	19.8	18.7	18.5
	4BF	20.7	21.7	21.7	21.3	20.8	19.2	18.1	19.2	21.0	21.6	20.5	20.3
	4BG	21.8	22.9	23.0	22.6	22.0	20.4	19.2	20.4	22.3	22.8	21.7	21.3
	4CA	15.2	16.2	16.1	15.9	15.3	13.7	12.6	13.7	15.4	16.0	15.0	15.0
	4CB	17.2	18.2	18.1	17.9	17.3	15.7	14.6	15.7	17.4	18.0	17.0	17.0
	4CC	20.8	21.9	21.8	21.5	20.9	19.3	18.2	19.3	21.1	21.7	20.6	20.5
	4DA	19.5	20.3	20.9	20.3	19.8	18.2	17.1	18.5	20.1	20.6	19.3	18.8
	4DB	17.6	18.5	19.1	18.5	18.0	16.3	15.2	16.7	18.3	18.8	17.4	16.9
	4DC	17.0	17.9	18.6	17.9	17.5	15.8	14.6	16.2	17.8	18.2	16.9	16.3
	4DD	22.0	22.9	23.5	22.9	22.4	20.7	19.4	20.9	22.6	23.1	21.8	21.3
	4DE	22.0	23.1	23.3	22.8	22.3	20.7	19.4	20.7	22.5	23.1	22.0	21.6
	4EA	19.8	20.5	21.3	20.6	20.3	18.6	17.8	19.0	20.4	21.1	19.7	19.1
	4EB	18.7	19.5	20.2	19.5	19.1	17.5	16.5	17.9	19.3	19.9	18.6	18.0
	4EC	21.8	22.6	23.3	22.6	22.2	20.5	19.3	20.7	22.4	22.9	21.6	21.0
	4ED	22.7	23.7	24.1	23.5	23.1	21.4	20.2	21.5	23.3	23.9	22.6	22.1
	4FA	20.6	21.3	22.2	21.4	21.1	19.5	18.6	19.7	21.2	21.9	20.5	19.9
	4FB	24.4	25.1	25.9	25.2	24.9	23.2	22.3	23.4	24.9	25.6	24.2	23.6
	4GA	26.0	26.6	27.5	26.8	26.3	24.6	23.7	24.7	26.0	26.8	25.6	25.0
	4GB	27.4	27.9	28.8	28.1	27.5	25.7	24.7	25.7	27.0	27.8	26.8	26.4
	4GC	29.2	29.5	30.6	29.8	29.0	27.1	26.0	26.8	28.0	29.1	28.4	28.1
	4GD	27.9	28.4	29.4	28.7	27.9	26.1	25.1	25.8	27.1	28.2	27.5	27.2
	4GE	26.8	27.5	28.4	27.7	27.0	25.2	24.1	25.0	26.4	27.3	26.6	26.3
	4GF	26.7	27.4	28.2	27.7	26.7	25.0	24.0	24.7	25.8	26.9	26.5	26.7
	4GG	27.2	27.5	28.6	28.2	26.7	25.3	24.7	24.8	25.4	26.4	26.7	27.8
	4HA	23.6	24.8	25.3	24.5	23.9	22.2	21.0	22.2	23.7	24.5	23.6	23.5
	4HB	26.5	27.3	28.3	27.5	26.5	24.9	23.9	24.5	25.5	26.6	26.2	26.7
	4HC	26.2	27.0	28.2	27.2	26.2	24.7	23.7	24.2	24.9	26.0	25.5	26.7
	4JA	29.1	29.3	30.3	29.7	28.8	27.0	26.0	26.6	27.5	28.8	28.3	28.4
	4JB	28.1	28.3	29.4	29.2	27.7	26.1	25.5	25.7	26.4	27.6	27.8	28.4
	4KA	28.4	28.6	29.6	29.3	28.0	26.4	25.6	25.9	26.7	27.8	27.9	28.4
	4KB	28.2	28.4	29.5	29.2	27.7	26.2	25.5	25.7	26.5	27.6	27.8	28.3
ENNCA	5AA	16.7	17.1	17.2	16.8	16.5	15.3	14.8	15.6	15.7	16.6	15.9	15.8
	5AB	16.9	17.3	17.5	17.0	16.7	15.5	15.1	15.9	16.1	16.9	16.2	16.1
	5AC	18.9	19.3	19.5	19.1	18.8	17.5	17.0	17.9	18.1	18.9	18.1	18.0
	5AD	18.7	19.1	19.5	19.0	18.7	17.4	16.9	17.8	18.2	18.9	18.1	17.9
	5BA	17.1	17.6	18.2	17.6	17.2	15.8	15.0	16.2	17.0	17.7	16.7	16.4
	5BB	15.6	16.1	16.4	15.9	15.6	14.2	13.5	14.5	15.1	15.8	14.9	14.7
	5BC-1	16.7	17.2	17.8	17.2	16.8	15.5	15.0	16.0	16.6	17.3	16.2	16.0
	5BC-2	18.9	19.4	20.0	19.4	19.1	17.7	17.3	18.2	18.7	19.5	18.5	18.1
	5BD	17.8	18.2	18.5	18.0	17.7	16.4	15.9	16.8	17.1	17.9	17.1	16.9
	5BE	15.2	15.8	16.5	15.9	15.5	14.1	13.6	14.7	15.5	16.1	15.0	14.6
	5CA	18.4	18.8	19.1	18.7	18.5	17.1	16.6	17.4	17.7	18.5	17.7	17.5
	5CB	20.6	20.8	21.5	20.7	20.5	19.1	18.5	19.4	20.1	20.9	19.9	19.5
	5CC	20.5	20.7	21.3	20.5	20.6	19.0	18.3	19.1	19.7	20.5	19.6	19.3
	5DA	19.8	20.4	21.2	20.5	20.2	18.7	17.9	19.0	20.2	20.9	19.6	19.0
	5DB	18.7	19.3	20.0	19.4	19.1	17.6	17.0	18.1	19.0	19.7	18.5	18.1
	5DC	19.2	19.6	20.1	19.5	19.2	17.8	17.2	18.1	18.7	19.5	18.5	18.2
	5DD	21.7	22.2	22.9	22.3	22.0	20.5	20.0	20.9	21.7	22.5	21.4	21.0
	5EA	29.0	28.9	29.4	27.9	28.1	26.2	25.2	26.0	27.0	27.8	27.1	27.7
	5EB	28.1	28.0	28.5	26.8	26.9	25.2	24.1	24.9	26.0	26.9	26.1	26.7
	5EC	26.0	26.0	26.7	25.1	25.3	23.7	22.8	23.6	24.6	25.5	24.4	24.5
	5ED	26.2	26.4	27.3	26.2	26.1	24.4	23.5	24.4	25.5	26.4	25.2	24.9
	5FA	28.7	29.0	29.9	29.1	28.6	26.7	25.7	26.5	27.6	28.7	27.8	27.6
	5FB	29.5	29.5	30.4	29.5	29.1	27.2	26.2	26.9	27.9	29.0	28.1	28.1
	5G	27.5	27.6	28.0	26.3	26.8	25.0	24.0	24.8	25.9	26.6	25.9	26.6
	5HA	28.3	28.6	29.0	27.4	28.9	26.9	26.1	26.8	28.0	28.4	27.9	28.3
	5HB	27.1	27.2	27.7	25.9	26.9	25.0	24.1	24.9	26.1	26.6	26.0	26.6
	5J	26.1	26.3	26.8	25.2	25.8	24.2	23.4	24.1	25.1	25.8	24.8	25.0

Monthly Temperature by Sub-basin

Year 2002 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.2	22.4	21.5	21.3	20.6	19.9	19.8	19.9	20.4	20.8	20.5	20.4
	1AB	18.2	19.4	18.5	18.3	17.7	16.9	16.9	17.0	17.4	17.9	17.6	17.5
	1AC	21.7	22.9	22.0	21.8	21.1	20.4	20.3	20.4	20.9	21.3	21.0	20.9
	1AD	23.2	24.5	23.6	23.3	22.7	21.9	21.9	22.0	22.5	22.9	22.6	22.5
	1AE	23.8	25.2	24.2	24.0	23.3	22.6	22.6	22.7	23.2	23.6	23.2	23.2
	1AF	23.2	24.5	23.6	23.3	22.7	21.9	21.9	22.0	22.5	23.0	22.6	22.5
	1AG	23.4	24.7	23.7	23.5	22.8	22.1	22.1	22.2	22.7	23.1	22.7	22.7
	1AH	23.7	25.0	24.0	23.8	23.2	22.5	22.5	22.6	23.2	23.5	23.1	23.0
	1BA	16.6	17.6	17.1	17.0	16.2	15.5	15.3	15.3	15.8	16.4	16.1	16.0
	1BB	17.4	18.4	17.8	17.8	17.1	16.3	16.2	16.2	16.7	17.2	17.0	16.8
	1BC	18.5	19.4	18.9	18.8	18.3	17.4	17.3	17.4	17.8	18.2	18.1	17.9
	1BD	19.2	20.2	19.6	19.4	18.7	17.9	17.7	17.8	18.2	18.8	18.5	18.4
	1BE	18.9	19.9	19.3	19.1	18.6	17.8	17.6	17.7	18.1	18.5	18.4	18.1
	1BG	18.9	20.0	19.3	19.1	18.6	17.8	17.6	17.7	18.1	18.5	18.4	18.2
	1BH	18.5	19.6	18.8	18.6	18.0	17.2	17.2	17.2	17.6	18.1	17.9	17.7
	1CA	18.1	19.1	18.5	18.2	17.3	16.6	16.4	16.4	16.8	17.6	17.2	17.2
	1CB	17.8	18.9	18.2	18.0	17.1	16.4	16.2	16.1	16.6	17.4	17.0	17.0
	1CC	17.0	18.1	17.4	17.2	16.4	15.7	15.6	15.5	16.0	16.7	16.3	16.3
	1CD	19.0	20.2	19.3	19.1	18.3	17.6	17.4	17.4	17.9	18.6	18.2	18.1
	1CE	20.2	21.4	20.5	20.3	19.6	18.9	18.8	18.8	19.3	19.8	19.5	19.4
	1DA	21.4	22.6	21.7	21.4	20.8	20.0	20.0	20.0	20.5	21.0	20.6	20.6
	1DB	18.7	19.9	19.0	18.8	18.2	17.4	17.3	17.4	17.9	18.3	18.0	17.9
	1DC	22.2	23.5	22.6	22.3	21.6	20.9	20.9	21.0	21.5	21.9	21.5	21.5
	1DD	22.7	24.0	23.0	22.7	22.1	21.4	21.3	21.4	22.0	22.4	22.0	22.0
	1EA	20.6	21.9	21.0	20.6	19.9	19.2	19.2	19.2	19.8	20.2	19.8	19.8
	1EB	22.3	23.7	22.7	22.2	21.5	20.8	20.8	20.9	21.4	21.8	21.4	21.5
	1EC	22.1	23.5	22.5	22.1	21.5	20.7	20.7	20.8	21.3	21.7	21.4	21.4
	1ED	23.0	24.4	23.4	23.0	22.4	21.7	21.7	21.8	22.4	22.8	22.3	22.3
	1EE	23.6	24.9	23.9	23.6	23.0	22.3	22.4	22.5	23.1	23.4	22.9	22.9
	1EF	23.7	25.1	24.1	23.8	23.3	22.7	22.8	22.9	23.5	23.7	23.2	23.2
	1EG	23.2	24.5	23.5	23.2	22.6	22.0	22.1	22.1	22.8	23.1	22.5	22.6
	1FA	16.7	17.8	17.1	16.9	16.1	15.5	15.4	15.4	15.9	16.5	16.0	16.1
	1FB	18.9	20.2	19.3	19.0	18.3	17.6	17.5	17.5	18.0	18.6	18.2	18.2
	1FC	19.3	20.6	19.6	19.3	18.6	18.0	17.9	18.0	18.5	19.0	18.6	18.6
	1FD	18.5	19.7	18.8	18.5	17.9	17.2	17.1	17.2	17.7	18.2	17.8	17.9
	1FE	21.3	22.6	21.6	21.3	20.6	20.0	20.0	20.1	20.7	21.1	20.6	20.6
	1FF	21.8	23.2	22.1	21.8	21.3	20.6	20.8	20.9	21.5	21.8	21.2	21.3
	1FG	23.4	24.8	23.7	23.5	23.0	22.4	22.6	22.6	23.3	23.5	22.9	23.0
LVSCA	1GA	17.1	18.2	17.4	17.2	16.6	16.0	15.9	15.9	16.4	16.9	16.5	16.6
	1GB	20.3	21.6	20.6	20.3	19.8	19.1	19.1	19.1	19.7	20.1	19.7	19.8
	1GC	17.2	18.2	17.5	17.4	17.0	16.4	16.3	16.3	16.8	17.1	16.9	17.0
	1GD	21.9	23.2	22.2	22.0	21.6	21.0	21.0	21.1	21.6	21.9	21.4	21.6
	1GE	21.7	22.9	21.9	21.8	21.4	20.8	20.9	20.9	21.5	21.7	21.2	21.4
	1GF	22.8	24.1	23.1	22.8	22.5	21.9	22.0	22.1	22.7	22.9	22.3	22.4
	1GG	17.6	18.7	17.9	17.7	17.3	16.7	16.6	16.6	17.1	17.4	17.1	17.2
	1HA1	21.6	23.0	21.9	21.6	21.1	20.5	20.6	20.8	21.4	21.8	21.1	21.1
	1HA2	23.8	25.2	24.1	23.9	23.5	22.9	23.0	23.2	23.8	24.1	23.4	23.5
	1HB1	23.5	24.9	23.8	23.6	23.1	22.5	22.7	22.8	23.5	23.7	23.0	23.1
	1HB2	23.0	24.4	23.3	23.0	22.6	22.0	22.2	22.4	23.1	23.4	22.6	22.6
	1HC	23.9	25.2	24.2	24.0	23.5	22.9	23.1	23.1	23.8	24.0	23.4	23.5
	1HD	22.2	23.5	22.5	22.4	22.0	21.4	21.7	21.6	22.3	22.4	21.8	21.9
	1HE	22.5	23.8	22.7	22.6	22.2	21.7	22.0	21.8	22.6	22.7	22.0	22.1
	1HF	23.2	24.4	23.4	23.3	22.9	22.4	22.6	22.5	23.2	23.4	22.7	22.8
	1HG	23.1	24.3	23.3	23.2	22.8	22.2	22.4	22.4	23.1	23.2	22.6	22.7
	1JA	16.8	17.7	17.0	17.0	16.5	15.7	15.7	15.8	16.3	16.6	16.4	16.5
	1JB	18.8	19.9	19.0	19.0	18.6	18.1	18.0	18.0	18.5	18.7	18.4	18.6
	1JC	17.8	18.9	18.0	17.9	17.6	17.1	17.0	17.0	17.4	17.6	17.4	17.6
	1JD	19.8	20.9	20.0	20.0	19.7	19.1	19.1	19.1	19.5	19.7	19.4	19.6
	1JE	19.0	20.1	19.2	19.2	18.7	17.9	18.1	18.1	18.8	19.1	18.6	18.7
	1JF	18.3	19.3	18.5	18.5	18.0	17.3	17.4	17.4	18.0	18.3	17.9	18.0
	1JG1	21.2	22.4	21.4	21.4	21.0	20.4	20.6	20.5	21.1	21.3	20.8	20.9
	1JG2	23.0	24.4	23.3	23.2	22.8	22.2	22.4	22.4	23.1	23.3	22.6	22.7
	1KA	21.7	23.0	22.0	21.8	21.4	21.0	21.3	21.0	21.8	21.8	21.2	21.3
	1KB	21.7	22.8	21.9	21.8	21.4	20.9	21.1	21.0	21.7	21.8	21.2	21.3
	1KC	20.8	21.9	21.0	21.0	20.4	19.7	19.9	19.9	20.6	21.0	20.3	20.5
	1LA1	17.1	17.8	17.2	17.3	16.7	15.8	15.8	16.0	16.5	17.0	16.7	16.8
	1LA2	20.3	21.2	20.4	20.5	19.9	19.0	19.2	19.3	20.0	20.5	19.9	20.0
	1LA3	18.9	19.3	19.0	19.2	18.1	16.7	16.8	16.9	17.9	18.9	18.5	18.5
	1LB1	17.3	17.9	17.4	17.5	16.8	15.8	15.9	16.1	16.6	17.2	16.9	16.9
	1LB2	19.2	19.7	19.2	19.4	18.5	17.4	17.5	17.7	18.4	19.2	18.7	18.8

Monthly Temperature by Sub-basin

Year 2002 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.3	27.7	27.6	26.9	26.3	26.1	26.1	26.2	26.7	26.8	27.0	26.2
	2AB	27.9	28.3	28.3	27.9	27.0	26.9	27.0	27.2	27.8	27.9	27.9	26.9
	2BA	19.1	20.0	19.5	19.4	18.7	18.0	17.9	17.9	18.4	18.8	18.6	18.4
	2BB	23.7	24.5	24.2	24.1	23.3	22.7	22.7	22.7	23.2	23.6	23.5	23.1
	2BC	22.1	23.1	22.6	22.4	21.6	21.0	20.9	21.0	21.4	21.9	21.7	21.4
	2BD	26.5	27.0	27.0	27.1	25.9	25.8	25.9	26.1	26.7	26.9	26.8	25.9
	2CA	28.0	28.3	28.5	28.5	27.3	27.4	27.5	27.6	28.3	28.6	28.4	27.4
	2CB	21.0	21.9	21.5	21.3	20.6	19.9	19.7	19.6	20.0	20.6	20.5	20.5
	2CC	25.6	26.2	26.1	26.0	25.1	24.7	24.7	24.7	25.3	25.7	25.6	25.0
	2D	23.7	24.4	24.4	24.2	23.6	22.9	22.8	22.7	23.3	23.8	23.8	23.5
	2EA	19.2	19.9	20.0	19.7	19.3	18.4	18.3	18.2	18.7	19.2	19.1	19.4
	2EB	18.8	19.4	19.5	19.4	18.8	18.0	17.9	17.7	18.2	18.8	18.7	19.0
	2EC	18.5	19.1	19.1	18.8	18.3	17.5	17.5	17.5	17.9	18.3	18.2	18.4
	2ED	16.4	17.4	16.9	16.6	16.1	15.4	15.2	15.2	15.6	16.1	15.9	16.1
	2EE	21.6	22.4	22.1	21.9	21.4	20.7	20.5	20.4	20.8	21.4	21.2	21.4
	2EF	18.9	19.8	19.5	19.2	18.7	18.0	17.9	17.8	18.2	18.7	18.5	18.7
	2EG1	15.3	15.9	15.7	15.6	15.1	14.2	14.2	14.3	14.6	15.1	15.0	15.1
	2EG2	21.2	21.9	21.8	21.6	21.1	20.4	20.3	20.2	20.6	21.1	21.0	21.2
	2EH	22.4	23.3	23.0	22.8	22.2	21.5	21.3	21.2	21.6	22.2	22.1	22.2
	2EJ	20.4	21.2	21.2	21.0	20.5	19.7	19.6	19.5	20.0	20.6	20.4	20.6
	2EK	18.6	19.3	19.4	19.2	18.7	17.9	17.8	17.6	18.2	18.8	18.6	18.8
	2FA	17.5	18.1	18.1	18.0	17.3	16.3	16.3	16.3	16.9	17.5	17.3	17.4
	2FB	18.2	18.9	18.9	18.5	18.1	17.3	17.3	17.3	17.8	18.0	17.9	18.1
	2FC	17.0	17.5	17.5	17.3	16.7	15.8	15.7	15.9	16.4	16.8	16.7	16.8
	2GA	16.9	17.4	17.5	17.4	16.7	15.6	15.6	15.5	16.2	16.9	16.6	16.8
	2GB	14.8	15.5	15.7	15.4	14.9	13.9	13.8	13.6	14.4	14.9	14.7	14.9
	2GC	13.9	14.5	14.6	14.5	13.9	12.6	12.5	12.2	13.4	14.0	13.7	13.9
	2GD	16.4	16.8	16.8	16.7	15.8	14.4	14.3	14.3	15.4	16.4	16.1	16.1
	2H-1	21.4	21.8	21.7	21.7	20.6	18.9	18.8	18.7	20.2	21.4	21.1	21.0
	2H-2	22.0	22.6	22.4	22.4	21.2	19.6	19.4	19.2	20.8	22.0	21.8	21.6
	2H-3	21.4	22.1	21.9	21.8	20.7	19.1	18.8	18.6	20.3	21.4	21.2	21.0
	2J	27.0	27.6	27.5	27.2	26.3	26.1	26.2	26.3	26.9	27.1	27.1	26.2
	2KA	17.4	17.5	17.4	17.7	16.6	15.1	15.1	15.6	16.3	17.3	17.0	17.0
	2KB	19.9	20.0	20.0	20.2	18.9	17.2	17.1	17.3	18.6	19.9	19.6	19.5
	2KC	23.0	23.2	23.1	23.3	22.1	20.4	20.3	20.3	21.7	23.0	22.7	22.6
ACA	3AA	19.5	20.1	19.9	19.9	18.8	17.2	17.0	16.7	18.4	19.5	19.3	19.1
	3AB	19.8	20.6	20.4	20.3	19.1	17.5	17.3	17.0	18.7	19.9	19.7	19.5
	3AC	20.3	21.0	20.9	20.9	19.7	18.1	17.9	17.6	19.3	20.5	20.2	20.1
	3BA	19.2	19.8	19.6	19.5	18.5	17.0	16.7	16.5	18.1	19.2	19.0	18.9
	3BB	19.2	19.8	19.7	19.6	18.6	17.0	16.8	16.5	18.2	19.3	19.0	18.9
	3BC	17.7	18.3	18.2	18.1	17.1	15.5	15.3	15.1	16.7	17.8	17.6	17.5
	3BD	18.5	19.1	19.1	19.0	18.0	16.4	16.2	15.9	17.6	18.6	18.4	18.3
	3CB	19.1	19.7	19.8	19.7	18.8	17.2	16.9	16.7	18.3	19.4	19.2	19.0
	3DA	21.3	22.0	22.1	22.0	20.9	19.4	19.0	18.9	20.5	21.6	21.4	21.2
	3DB	22.5	23.4	23.5	23.4	22.2	20.6	20.4	20.1	21.8	22.9	22.7	22.5
	3EA	19.9	20.8	20.7	20.6	19.4	17.8	17.5	17.3	19.0	20.2	19.9	19.7
	3EB	20.9	21.8	21.8	21.7	20.5	18.9	18.6	18.4	20.0	21.3	21.0	20.8
	3EC	20.7	21.7	21.7	21.6	20.3	18.8	18.5	18.2	19.9	21.1	20.9	20.6
	3ED	22.9	23.8	24.1	23.9	22.7	21.1	20.9	20.5	22.1	23.4	23.2	22.9
	3FA	21.9	22.9	23.0	22.8	21.6	20.0	20.0	19.4	21.1	22.3	22.2	21.9
	3FB	24.1	25.2	25.9	25.4	24.3	22.8	22.7	21.7	23.2	24.5	24.6	24.5
	3G	23.0	24.0	24.7	24.1	23.0	21.6	21.3	20.4	21.8	23.1	23.3	23.3
	3HA	25.5	26.2	27.3	26.4	25.4	24.2	23.5	22.6	23.7	25.0	25.4	25.9
	3HB	26.9	26.8	28.2	27.1	26.3	25.2	24.6	24.0	24.7	25.7	26.4	26.9
	3HC	27.4	26.8	28.4	27.1	26.4	25.3	24.9	24.6	25.0	25.8	26.6	27.1
	3HD1	27.5	26.7	28.3	27.0	26.3	25.2	24.8	24.6	24.9	25.7	26.5	27.1
	3HD2	27.9	27.2	28.8	27.5	26.9	25.8	25.4	25.2	25.5	26.3	27.1	27.6
	3J	23.3	24.0	25.0	24.1	23.2	21.9	21.4	20.5	21.7	22.8	23.3	23.6
	3K	27.2	27.1	28.2	26.9	26.4	25.1	24.5	24.0	24.7	25.6	26.4	27.2
	3LA	26.2	26.2	27.5	26.3	25.6	24.4	23.8	23.2	23.9	24.9	25.6	26.2
	3LB	27.6	26.8	28.5	27.1	26.5	25.4	25.0	24.7	25.1	25.8	26.7	27.2
	3MA-1	24.2	24.6	25.7	24.6	23.8	22.6	21.9	21.2	22.1	23.2	23.8	24.4
	3MA-2	25.9	26.0	27.1	25.9	25.2	24.0	23.4	22.8	23.5	24.5	25.3	25.9
	3MB	26.8	26.6	27.8	26.4	25.9	24.7	24.0	23.6	24.2	25.2	26.0	26.7
	3MC	26.7	26.5	27.6	26.3	25.8	24.5	23.9	23.5	24.1	25.0	25.9	26.6
	3MD1	27.2	26.8	28.0	26.5	26.1	24.9	24.3	24.0	24.5	25.4	26.2	27.0
	3MD2	27.6	27.3	28.4	26.9	26.5	25.2	24.6	24.3	24.8	25.7	26.6	27.4
	3N	21.3	22.2	22.4	22.2	21.0	19.4	19.2	18.7	20.4	21.6	21.5	21.2

Monthly Temperature by Sub-basin

Year 2002 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.3	16.0	16.4	16.3	15.5	14.0	14.0	13.6	15.3	15.9	15.3	15.3
	4AB	16.1	16.8	17.1	17.1	16.3	14.9	14.9	14.4	15.9	16.6	16.1	16.2
	4AC	15.8	16.5	16.7	16.8	16.0	14.5	14.4	13.8	15.5	16.3	15.8	15.9
	4AD	15.9	16.6	16.9	16.9	16.1	14.6	14.4	14.0	15.7	16.5	16.0	16.0
	4BA	20.1	20.8	21.1	21.1	20.2	18.6	18.5	18.1	19.9	20.6	20.2	20.1
	4BB	17.1	17.9	18.2	18.2	17.4	15.8	15.7	15.3	17.1	17.7	17.2	17.1
	4BC	20.0	20.8	21.2	21.0	20.2	18.6	18.5	18.1	19.9	20.6	20.1	20.1
	4BD	17.9	18.6	18.8	18.8	17.9	16.3	16.1	15.7	17.5	18.4	18.0	18.0
	4BE	19.2	19.8	20.1	20.0	19.1	17.5	17.3	16.9	18.7	19.7	19.3	19.2
	4BF	21.0	21.6	21.9	21.8	20.9	19.3	19.0	18.7	20.4	21.4	21.1	21.0
	4BG	22.1	22.7	23.1	23.0	22.0	20.4	20.2	19.8	21.6	22.6	22.2	22.1
	4CA	15.7	16.3	16.4	16.3	15.4	13.8	13.6	13.3	14.9	16.0	15.7	15.6
	4CB	17.7	18.2	18.4	18.3	17.4	15.8	15.6	15.3	16.9	18.0	17.7	17.6
	4CC	21.1	21.8	22.0	21.9	20.9	19.4	19.1	18.8	20.5	21.6	21.3	21.2
	4DA	19.6	20.3	20.8	20.6	19.8	18.1	18.1	17.6	19.5	20.2	19.8	19.7
	4DB	17.7	18.4	18.9	18.7	17.9	16.2	16.2	15.8	17.6	18.3	17.9	17.8
	4DC	17.1	17.9	18.4	18.1	17.3	15.6	15.7	15.2	17.1	17.8	17.3	17.2
	4DD	22.0	22.8	23.3	23.1	22.2	20.5	20.4	20.0	21.9	22.8	22.3	22.2
	4DE	22.4	23.1	23.4	23.3	22.2	20.6	20.4	20.0	21.9	22.9	22.5	22.4
	4EA	19.7	20.6	21.0	20.9	20.1	18.6	18.6	18.5	20.0	20.5	20.1	20.0
	4EB	18.7	19.5	20.0	19.8	19.0	17.4	17.4	17.2	18.8	19.4	19.0	18.9
	4EC	21.8	22.5	23.0	22.8	22.0	20.3	20.3	19.9	21.7	22.5	22.1	22.0
	4ED	22.9	23.6	24.0	23.9	22.9	21.3	21.1	20.8	22.6	23.5	23.1	23.0
	4FA	20.5	21.3	21.8	21.7	20.9	19.3	19.4	19.3	20.8	21.3	20.9	20.8
	4FB	24.3	25.1	25.6	25.4	24.6	23.1	23.1	22.9	24.4	25.1	24.6	24.6
	4GA	25.8	26.5	27.2	26.7	25.8	24.5	24.3	24.3	25.6	26.4	26.0	26.0
	4GB	27.3	27.8	28.7	27.9	26.9	25.7	25.3	25.3	26.5	27.5	27.1	27.2
	4GC	29.2	29.4	30.6	29.4	28.1	27.1	26.3	26.5	27.5	28.9	28.5	28.6
	4GD	28.0	28.4	29.5	28.4	27.2	26.1	25.4	25.5	26.6	27.8	27.6	27.7
	4GE	27.0	27.5	28.4	27.7	26.5	25.2	24.7	24.6	25.9	27.1	26.9	26.9
	4GF	27.1	27.4	28.5	27.6	26.5	25.2	24.8	24.5	25.5	26.7	26.8	26.9
	4GG	27.8	27.2	28.8	27.6	27.0	25.8	25.4	25.2	25.5	26.5	27.0	27.6
	4HA	23.9	24.9	25.4	25.0	23.9	22.4	22.2	21.6	23.2	24.4	24.3	24.1
	4HB	26.9	27.2	28.4	27.5	26.5	25.2	24.8	24.3	25.3	26.4	26.7	26.9
	4HC	26.7	26.8	28.1	27.2	26.3	25.1	24.6	24.0	24.8	25.9	26.4	26.7
	4JA	29.3	29.3	30.6	29.3	28.1	27.1	26.4	26.6	27.3	28.6	28.4	28.6
	4JB	28.9	28.5	30.0	28.6	27.7	26.5	25.9	26.0	26.3	27.5	27.8	28.2
	4KA	28.9	28.6	30.1	28.8	27.8	26.6	26.0	26.1	26.6	27.8	27.9	28.3
	4KB	28.7	28.4	29.9	28.6	27.7	26.5	25.9	26.0	26.4	27.6	27.8	28.2
ENNCA	5AA	16.3	17.0	17.2	17.0	16.5	15.5	15.4	15.2	15.8	16.4	16.2	16.6
	5AB	16.6	17.3	17.5	17.3	16.8	15.8	15.7	15.5	16.3	16.7	16.5	16.8
	5AC	18.4	19.3	19.4	19.2	18.7	17.7	17.6	17.5	18.3	18.6	18.4	18.7
	5AD	18.4	19.3	19.4	19.2	18.7	17.7	17.6	17.5	18.3	18.7	18.5	18.7
	5BA	17.0	17.8	18.0	17.9	17.3	16.0	15.9	15.6	16.9	17.5	17.1	17.2
	5BB	15.4	16.1	16.3	16.1	15.5	14.4	14.3	14.0	15.1	15.7	15.4	15.5
	5BC-1	16.6	17.5	17.7	17.4	16.9	15.7	15.8	15.7	16.7	17.0	16.7	16.8
	5BC-2	18.7	19.6	19.8	19.6	19.1	18.0	18.0	17.9	18.9	19.2	18.9	19.0
	5BD	17.5	18.3	18.4	18.2	17.7	16.7	16.6	16.5	17.3	17.8	17.5	17.7
	5BE	15.2	16.2	16.4	16.1	15.6	14.4	14.4	14.4	15.5	15.7	15.3	15.4
	5CA	17.8	18.6	18.8	18.6	18.1	17.1	17.0	17.0	17.7	18.2	17.9	18.1
	5CB	20.3	21.0	21.2	20.8	20.4	19.3	19.2	19.2	20.1	20.6	20.4	20.4
	5CC	20.0	20.7	20.8	20.3	19.9	18.9	18.9	18.8	19.7	20.3	20.3	20.1
	5DA	19.6	20.6	20.9	20.8	20.1	18.6	18.7	18.6	20.0	20.4	20.0	20.0
	5DB	18.7	19.6	19.9	19.6	19.1	17.8	17.8	17.7	18.9	19.2	18.8	19.0
	5DC	18.8	19.6	19.8	19.7	19.1	18.0	18.0	17.8	18.8	19.3	19.0	19.2
	5DD	21.6	22.4	22.7	22.5	22.0	20.7	20.7	20.6	21.7	22.1	21.8	21.9
	5EA	29.1	29.3	30.0	28.2	27.2	26.4	26.3	26.4	27.0	27.6	27.3	27.6
	5EB	28.1	28.5	28.7	27.0	26.2	25.4	25.3	25.4	26.0	26.5	26.5	26.6
	5EC	25.8	26.4	26.3	25.2	24.8	23.9	23.8	23.8	24.7	25.1	25.2	24.9
	5ED	26.0	26.6	27.0	26.2	25.5	24.3	24.2	24.3	25.4	26.0	25.8	25.7
	5FA	28.7	29.0	30.0	28.9	27.7	26.6	26.2	26.3	27.3	28.4	28.1	28.2
	5FB	29.4	29.7	30.5	29.2	28.1	27.1	26.8	27.0	27.7	28.8	28.5	28.6
	5G	27.8	28.1	28.7	26.8	26.3	25.4	25.3	25.4	26.0	26.1	25.8	26.3
	5HA	29.0	29.1	30.8	28.7	28.4	27.2	27.2	27.3	28.1	27.6	26.8	28.0
	5HB	27.6	27.8	28.8	26.8	26.5	25.5	25.4	25.5	26.2	25.9	25.5	26.3
	5J	26.3	26.8	26.6	25.5	25.0	24.4	24.4	24.5	25.2	25.4	25.6	25.0

Monthly Temperature by Sub-basin

Year 2003 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.6	22.1	22.4	21.3	20.6	20.0	19.6	19.7	19.9	20.9	21.2	20.5
	1AB	17.6	19.2	19.5	18.4	17.7	17.1	16.6	16.8	16.9	18.0	18.2	17.5
	1AC	21.1	22.6	22.9	21.8	21.1	20.5	20.1	20.3	20.4	21.4	21.7	21.0
	1AD	22.7	24.2	24.5	23.4	22.7	22.1	21.6	21.8	21.9	23.0	23.3	22.5
	1AE	23.3	24.9	25.1	24.0	23.3	22.7	22.3	22.5	22.6	23.6	23.9	23.2
	1AF	22.7	24.2	24.5	23.4	22.7	22.1	21.6	21.8	21.9	23.0	23.3	22.5
	1AG	22.8	24.4	24.6	23.5	22.8	22.2	21.8	22.0	22.1	23.1	23.5	22.7
	1AH	23.2	24.8	24.9	23.8	23.2	22.6	22.2	22.4	22.5	23.4	23.8	23.1
	1BA	16.4	17.7	18.1	17.4	16.6	16.1	15.5	15.5	15.6	16.8	17.1	16.2
	1BB	17.1	18.5	19.0	18.1	17.3	16.7	16.2	16.2	16.3	17.5	17.7	17.0
	1BC	18.1	19.5	20.0	19.0	18.3	17.7	17.1	17.2	17.4	18.4	18.7	18.0
	1BD	18.7	20.2	20.6	19.6	18.9	18.3	17.7	17.8	17.9	19.0	19.3	18.5
	1BE	18.4	19.8	20.3	19.3	18.6	18.0	17.4	17.5	17.7	18.7	18.9	18.3
	1BG	18.4	19.8	20.3	19.3	18.6	18.0	17.4	17.5	17.7	18.7	18.9	18.3
	1BH	17.9	19.4	19.8	18.8	18.1	17.5	16.9	17.0	17.2	18.2	18.5	17.8
	1CA	17.5	19.0	19.4	18.6	17.8	17.3	16.7	16.7	16.7	18.0	18.3	17.4
	1CB	17.4	18.8	19.2	18.5	17.6	17.2	16.5	16.6	16.6	17.9	18.2	17.2
	1CC	16.7	18.1	18.5	17.7	17.0	16.5	15.9	16.0	16.0	17.2	17.6	16.6
	1CD	18.4	19.9	20.3	19.3	18.5	18.0	17.4	17.5	17.5	18.8	19.1	18.2
	1CE	19.6	21.2	21.5	20.5	19.8	19.2	18.6	18.7	18.8	20.0	20.3	19.5
	1DA	20.7	22.4	22.6	21.5	20.8	20.2	19.7	19.9	20.0	21.1	21.4	20.6
	1DB	18.1	19.6	19.9	18.9	18.2	17.6	17.1	17.2	17.4	18.4	18.7	18.0
	1DC	21.6	23.2	23.4	22.3	21.6	21.0	20.6	20.8	20.9	22.0	22.2	21.5
	1DD	22.1	23.7	23.9	22.8	22.1	21.5	21.0	21.3	21.4	22.4	22.7	22.0
	1EA	20.0	21.6	21.7	20.7	20.0	19.4	18.9	19.2	19.3	20.3	20.8	19.9
	1EB	21.6	23.3	23.3	22.2	21.6	20.9	20.5	20.8	21.0	22.0	22.3	21.5
	1EC	21.5	23.1	23.2	22.1	21.5	20.8	20.4	20.7	20.8	21.9	22.1	21.4
	1ED	22.4	24.0	24.2	23.1	22.4	21.8	21.4	21.7	21.7	22.7	23.1	22.3
	1EE	23.1	24.7	24.8	23.7	23.0	22.4	22.0	22.3	22.3	23.2	23.7	23.0
	1EF	23.4	24.9	25.0	23.9	23.3	22.7	22.3	22.6	22.6	23.4	23.9	23.3
	1EG	22.7	24.3	24.3	23.3	22.6	22.0	21.7	22.0	22.0	22.8	23.4	22.6
	1FA	16.3	17.8	18.2	17.3	16.6	16.1	15.5	15.7	15.7	16.8	17.1	16.2
	1FB	18.4	19.9	20.2	19.3	18.5	18.0	17.5	17.7	17.6	18.8	19.3	18.3
	1FC	18.8	20.3	20.6	19.6	18.9	18.4	17.9	18.1	18.0	19.1	19.7	18.7
	1FD	18.0	19.5	19.8	18.9	18.1	17.7	17.1	17.3	17.3	18.4	18.8	17.8
	1FE	20.7	22.3	22.4	21.4	20.7	20.1	19.7	20.0	20.0	21.0	21.5	20.6
	1FF	21.3	22.9	22.9	21.9	21.2	20.7	20.4	20.7	20.6	21.4	22.1	21.2
	1FG	23.1	24.6	24.7	23.6	23.0	22.4	22.1	22.5	22.4	23.1	23.7	23.0
LVSCA	1GA	16.8	18.2	18.6	17.8	17.0	16.6	16.1	16.3	16.1	17.0	17.5	16.6
	1GB	19.9	21.4	21.7	20.7	19.9	19.5	19.0	19.3	19.1	20.1	20.6	19.7
	1GC	17.0	18.4	18.8	17.9	17.1	16.8	16.4	16.6	16.6	17.2	17.5	16.7
	1GD	21.7	23.1	23.4	22.3	21.6	21.2	20.8	21.2	21.1	21.7	22.2	21.4
	1GE	21.5	23.0	23.2	22.1	21.3	20.9	20.6	21.0	21.1	21.5	21.9	21.2
	1GF	22.6	24.0	24.2	23.1	22.4	21.9	21.6	22.0	22.0	22.5	23.0	22.3
	1GG	17.2	18.7	19.2	18.2	17.4	17.1	16.6	16.8	16.7	17.5	17.8	17.0
	1HA1	21.1	22.7	22.7	21.7	21.1	20.6	20.3	20.6	20.4	21.2	21.9	21.1
	1HA2	23.5	25.0	25.1	24.1	23.4	23.0	22.7	23.0	22.7	23.5	24.2	23.4
	1HB1	23.2	24.7	24.7	23.7	23.1	22.6	22.3	22.6	22.5	23.1	23.8	23.1
	1HB2	22.6	24.0	24.1	23.2	22.5	22.1	21.8	22.2	21.8	22.5	23.5	22.6
	1HC	23.7	25.1	25.2	24.1	23.5	23.0	22.7	23.0	22.9	23.6	24.2	23.5
	1HD	22.2	23.6	23.6	22.6	21.9	21.4	21.1	21.4	21.6	22.0	22.5	21.9
	1HE	22.6	23.9	23.9	22.9	22.1	21.6	21.4	21.7	22.0	22.4	22.7	22.2
	1HF	23.1	24.5	24.6	23.6	22.8	22.3	22.0	22.4	22.5	23.0	23.5	22.8
	1HG	23.0	24.3	24.4	23.4	22.7	22.2	21.9	22.3	22.3	22.9	23.4	22.7
	1JA	16.4	17.8	18.3	17.3	16.5	16.0	15.6	16.1	16.1	16.5	16.8	16.3
	1JB	18.6	20.0	20.4	19.3	18.5	18.2	17.8	18.2	18.1	18.5	18.8	18.2
	1JC	17.5	19.1	19.4	18.4	17.6	17.2	16.8	17.2	17.2	17.6	17.8	17.2
	1JD	19.7	21.2	21.5	20.4	19.6	19.2	18.8	19.2	19.3	19.7	20.0	19.3
	1JE	18.9	20.1	20.4	19.4	18.7	18.1	17.7	18.3	18.4	18.8	19.2	18.8
	1JF	18.1	19.4	19.7	18.8	18.0	17.5	17.0	17.6	17.7	18.1	18.4	18.0
	1JG1	21.1	22.5	22.7	21.7	20.9	20.4	20.1	20.5	20.6	21.1	21.4	20.8
	1JG2	22.9	24.4	24.4	23.4	22.7	22.2	21.9	22.3	22.3	22.8	23.4	22.7
	1KA	21.8	23.0	23.1	22.1	21.3	20.8	20.5	20.9	21.3	21.6	21.9	21.4
	1KB	21.7	22.8	22.9	22.1	21.3	20.8	20.5	20.9	21.1	21.5	21.9	21.4
	1KC	20.7	21.8	22.0	21.2	20.4	19.8	19.4	20.0	20.1	20.5	21.0	20.6
	1LA1	16.7	17.9	18.4	17.5	16.7	16.1	15.6	16.4	16.4	16.8	17.1	16.8
	1LA2	20.1	21.2	21.6	20.7	20.0	19.3	18.8	19.6	19.6	20.0	20.5	20.2
	1LA3	18.4	19.4	19.8	19.4	18.3	17.3	16.4	17.1	17.7	18.6	18.7	18.6
	1LB1	16.8	18.0	18.5	17.6	16.9	16.2	15.7	16.5	16.5	17.0	17.3	17.0
	1LB2	18.7	19.8	20.2	19.5	18.7	17.9	17.2	18.1	18.2	18.8	19.1	19.0

Monthly Temperature by Sub-basin

Year 2003 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.0	28.3	27.7	27.3	26.3	26.0	26.4	26.1	27.2	28.2	27.7	26.4
	2AB	27.6	28.9	28.3	28.0	27.0	27.1	27.2	26.8	27.9	28.9	28.4	27.0
	2BA	18.7	20.1	20.5	19.6	18.8	18.3	17.7	17.8	17.9	19.0	19.2	18.5
	2BB	23.5	24.8	25.0	24.3	23.6	23.2	22.6	22.6	22.9	24.0	24.1	23.2
	2BC	21.7	23.1	23.4	22.6	21.8	21.4	20.8	20.8	21.1	22.1	22.3	21.5
	2BD	26.5	27.7	27.3	27.0	26.2	26.4	26.0	25.6	26.5	27.5	27.2	26.0
	2CA	28.0	29.1	28.6	28.5	27.6	27.9	27.8	27.3	28.4	29.3	29.0	27.5
	2CB	20.8	22.1	22.6	21.9	21.2	20.7	20.1	20.2	20.3	21.4	21.6	20.6
	2CC	25.6	26.7	26.8	26.4	25.6	25.4	25.2	25.0	25.5	26.6	26.5	25.3
	2D	23.8	25.0	25.2	24.8	24.0	23.5	23.4	23.4	23.7	24.7	24.6	23.4
	2EA	18.8	20.3	20.8	20.1	19.4	18.8	18.7	18.8	19.1	19.6	19.2	18.4
	2EB	18.4	19.9	20.3	19.8	19.1	18.3	18.3	18.4	18.7	19.3	18.9	18.0
	2EC	18.0	19.5	20.1	19.1	18.3	18.0	17.6	17.9	18.1	18.5	18.4	17.8
	2ED	16.2	17.4	18.0	17.2	16.4	16.2	15.6	15.8	15.8	16.6	16.8	15.9
	2EE	21.2	22.7	23.2	22.5	21.8	21.2	21.0	21.1	21.1	22.0	21.9	21.0
	2EF	18.5	20.0	20.5	19.8	19.0	18.5	18.2	18.4	18.4	19.2	19.1	18.3
	2EG1	14.9	16.4	16.9	16.0	15.2	14.8	14.3	14.7	14.8	15.3	15.3	14.7
	2EG2	20.9	22.4	22.9	22.2	21.4	20.9	20.7	20.8	20.9	21.6	21.5	20.7
	2EH	22.2	23.5	24.0	23.4	22.7	22.1	21.8	21.8	21.9	22.9	22.9	22.0
	2EJ	20.4	21.7	22.1	21.5	20.9	20.2	19.9	20.0	20.1	21.0	20.8	19.9
	2EK	18.4	19.8	20.3	19.7	19.0	18.4	18.1	18.2	18.4	19.2	18.9	18.0
	2FA	16.8	18.2	18.7	17.8	17.1	16.6	15.8	16.2	16.7	17.3	17.1	16.5
	2FB	17.6	19.2	19.7	18.6	17.9	17.5	17.2	17.4	17.7	18.1	17.8	17.3
	2FC	16.2	17.7	18.3	17.2	16.5	16.1	15.4	15.9	16.2	16.7	16.6	16.1
	2GA	16.1	17.5	18.0	17.3	16.5	15.9	14.9	15.3	16.0	16.7	16.5	15.8
	2GB	14.2	15.6	16.1	15.5	14.8	14.1	13.1	13.4	14.2	14.8	14.5	13.8
	2GC	13.3	14.7	15.1	14.7	13.7	13.0	11.7	11.9	13.1	14.0	13.6	12.9
	2GD	15.8	16.9	17.4	17.0	15.8	14.9	13.8	14.2	15.2	16.2	15.9	15.6
	2H-1	21.0	22.0	22.5	22.3	20.6	19.3	18.1	18.6	19.9	21.2	20.8	20.7
	2H-2	21.6	22.7	23.3	23.1	21.2	19.8	18.6	19.0	20.5	21.8	21.3	21.3
	2H-3	21.0	22.2	22.7	22.5	20.5	19.1	17.9	18.3	19.9	21.2	20.7	20.7
	2J	26.9	28.1	27.8	27.4	26.5	26.5	26.4	26.1	27.0	28.0	27.7	26.4
	2KA	16.6	17.6	18.2	17.7	16.8	15.9	14.9	15.9	16.1	17.0	17.1	17.0
	2KB	19.3	20.1	20.7	20.5	19.2	17.8	16.7	17.3	18.4	19.6	19.3	19.3
	2KC	22.5	23.4	23.9	23.7	22.2	20.9	19.7	20.1	21.5	22.7	22.3	22.2
ACA	3AA	19.2	20.3	20.8	20.6	18.7	17.3	16.1	16.5	18.1	19.4	18.9	18.8
	3AB	19.4	20.6	21.1	20.8	19.0	17.6	16.3	16.7	18.4	19.7	19.2	19.2
	3AC	19.9	21.1	21.6	21.5	19.7	18.3	17.0	17.4	19.1	20.4	19.8	19.7
	3BA	18.9	20.0	20.6	20.4	18.5	17.2	16.0	16.3	17.9	19.2	18.7	18.5
	3BB	18.9	20.0	20.6	20.4	18.6	17.2	16.0	16.3	18.0	19.3	18.7	18.5
	3BC	17.4	18.5	19.1	18.9	17.2	15.8	14.6	14.9	16.5	17.9	17.3	17.0
	3BD	18.2	19.3	19.8	19.7	18.1	16.7	15.5	15.7	17.4	18.8	18.1	17.8
	3CB	18.8	19.9	20.5	20.5	18.9	17.6	16.3	16.5	18.2	19.7	18.9	18.4
	3DA	20.9	22.1	22.7	22.5	21.0	19.6	18.2	18.5	20.3	21.7	21.0	20.7
	3DB	22.2	23.6	24.0	23.7	22.1	20.7	19.4	19.7	21.6	23.0	22.3	22.0
	3EA	19.3	20.6	21.1	20.8	19.3	17.8	16.5	16.9	18.7	20.0	19.4	19.2
	3EB	20.5	21.8	22.2	21.9	20.4	18.9	17.6	18.0	19.8	21.2	20.5	20.3
	3EC	20.4	21.8	22.3	21.8	20.2	18.8	17.5	17.9	19.7	21.1	20.5	20.4
	3ED	22.8	24.1	24.5	24.1	22.5	21.1	19.8	20.2	22.0	23.5	22.8	22.5
	3FA	21.9	23.2	23.7	23.2	21.4	20.2	18.9	19.3	21.0	22.3	21.8	21.8
	3FB	24.7	26.1	26.4	25.8	24.1	22.9	21.7	21.9	23.6	24.9	24.9	24.8
	3G	23.5	24.8	25.1	24.6	23.0	21.6	20.5	20.5	22.2	23.5	23.8	23.8
	3HA	25.9	27.2	27.5	27.1	25.5	24.2	23.2	22.8	24.3	25.7	26.5	26.8
	3HB	26.5	27.5	28.1	27.9	26.4	25.2	24.2	23.9	25.1	26.2	26.8	27.3
	3HC	26.5	27.2	28.1	28.1	26.6	25.6	24.5	24.3	25.4	26.1	26.5	27.1
	3HD1	26.4	27.0	28.1	28.0	26.5	25.5	24.5	24.2	25.3	25.9	26.3	26.9
	3HD2	26.9	27.4	28.5	28.6	27.1	26.1	24.9	24.7	25.7	26.5	26.8	27.3
	3J	23.6	24.9	25.2	24.8	23.2	21.9	20.9	20.6	22.1	23.4	24.1	24.4
	3K	26.6	27.6	28.1	27.9	26.4	25.2	24.2	23.9	25.0	26.0	26.8	27.6
	3LA	25.8	26.8	27.4	27.2	25.7	24.5	23.5	23.2	24.5	25.4	26.2	26.7
	3LB	26.6	27.2	28.2	28.2	26.6	25.6	24.6	24.4	25.4	26.1	26.5	27.1
	3MA-1	24.2	25.4	25.8	25.4	23.9	22.6	21.6	21.2	22.6	23.9	24.7	25.1
	3MA-2	25.5	26.6	27.1	26.8	25.4	24.1	23.0	22.7	23.9	25.0	25.9	26.5
	3MB	26.1	27.1	27.6	27.5	26.0	24.8	23.8	23.5	24.6	25.5	26.3	27.1
	3MC	26.1	27.0	27.5	27.4	25.8	24.6	23.6	23.3	24.4	25.4	26.2	27.0
	3MD1	26.2	27.1	27.7	27.7	26.2	25.1	24.1	23.8	24.9	25.6	26.4	27.2
	3MD2	26.8	27.7	28.2	28.0	26.5	25.3	24.4	24.1	25.1	25.9	26.8	27.8
	3N	21.3	22.6	23.0	22.5	20.8	19.5	18.2	18.6	20.3	21.6	21.2	21.1

Monthly Temperature by Sub-basin

Year 2003 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.7	16.1	16.6	16.6	15.9	14.5	13.5	13.5	15.1	15.9	15.3	14.2
	4AB	15.5	16.9	17.3	17.3	16.6	15.3	14.2	14.2	15.7	16.5	16.0	14.9
	4AC	15.2	16.6	16.9	17.0	16.3	14.9	13.8	13.8	15.4	16.2	15.6	14.6
	4AD	15.4	16.7	17.1	17.2	16.4	15.0	13.8	13.8	15.5	16.3	15.8	14.7
	4BA	19.6	20.9	21.5	21.5	20.5	19.1	17.9	17.8	19.7	20.6	20.0	18.9
	4BB	16.6	18.0	18.6	18.6	17.7	16.3	15.2	15.1	16.9	17.7	17.1	16.0
	4BC	19.5	21.0	21.6	21.6	20.5	19.2	18.0	17.8	19.7	20.7	20.0	18.9
	4BD	17.5	18.8	19.2	19.3	18.2	16.8	15.5	15.5	17.4	18.5	17.8	16.9
	4BE	18.8	20.1	20.5	20.6	19.4	18.0	16.7	16.7	18.6	19.8	19.1	18.2
	4BF	20.6	21.9	22.3	22.4	21.1	19.7	18.3	18.4	20.3	21.7	20.8	20.0
	4BG	21.6	23.0	23.6	23.6	22.2	20.8	19.5	19.5	21.5	22.8	22.0	21.1
	4CA	15.3	16.5	16.9	17.0	15.7	14.3	13.1	13.2	14.9	16.2	15.5	15.0
	4CB	17.3	18.5	18.9	18.9	17.6	16.2	15.0	15.1	16.9	18.3	17.5	16.9
	4CC	20.7	22.0	22.6	22.5	21.1	19.7	18.3	18.4	20.4	21.8	21.0	20.3
	4DA	19.1	20.7	21.3	21.2	20.0	18.7	17.5	17.3	19.3	20.3	19.6	18.5
	4DB	17.3	18.8	19.4	19.3	18.2	16.9	15.8	15.5	17.5	18.4	17.7	16.6
	4DC	16.7	18.3	18.9	18.7	17.6	16.3	15.2	15.0	17.0	17.8	17.1	16.0
	4DD	21.7	23.2	23.8	23.7	22.5	21.2	20.0	19.8	21.9	22.9	22.2	21.2
	4DE	21.9	23.3	23.9	23.8	22.3	20.9	19.6	19.6	21.7	23.0	22.2	21.5
	4EA	19.4	20.9	21.4	21.3	20.5	19.2	18.5	18.4	20.1	21.0	20.3	19.2
	4EB	18.3	19.8	20.4	20.3	19.3	18.1	17.2	17.0	18.8	19.7	19.0	17.9
	4EC	21.4	23.0	23.5	23.4	22.3	21.0	20.0	19.8	21.8	22.7	22.0	20.9
	4ED	22.5	24.0	24.5	24.4	23.1	21.8	20.6	20.6	22.6	23.7	23.0	22.1
	4FA	20.2	21.6	22.2	22.1	21.2	20.0	19.5	19.4	21.0	21.9	21.2	20.1
	4FB	23.9	25.4	25.9	25.8	25.0	23.7	23.0	22.9	24.6	25.4	24.8	23.7
	4GA	25.1	26.6	27.1	27.0	26.2	25.0	24.2	24.1	25.7	26.5	25.9	24.9
	4GB	26.3	27.8	28.3	28.1	27.1	25.9	25.3	25.2	26.8	27.4	26.9	25.8
	4GC	27.6	28.9	29.5	29.3	28.0	26.9	26.3	26.1	27.7	28.1	27.6	26.7
	4GD	26.6	27.8	28.4	28.4	27.0	25.8	24.8	24.8	26.5	27.2	26.8	26.4
	4GE	26.1	27.4	28.0	27.8	26.3	25.1	24.0	24.0	25.9	26.9	26.4	26.0
	4GF	26.3	27.3	28.0	27.9	26.3	25.1	24.2	24.1	25.7	26.5	26.3	26.3
	4GG	26.9	27.4	28.4	28.7	27.2	26.0	25.0	24.8	25.8	26.5	26.8	27.2
	4HA	24.0	25.4	25.9	25.4	23.8	22.5	21.2	21.5	23.3	24.6	24.2	24.0
	4HB	26.7	27.7	28.3	28.0	26.5	25.3	24.3	24.2	25.7	26.6	26.8	26.9
	4HC	26.6	27.5	28.2	27.9	26.4	25.2	24.1	23.9	25.3	26.4	26.8	27.1
	4JA	27.8	28.6	29.5	29.4	27.9	26.8	26.1	26.0	27.3	27.0	26.9	26.8
	4JB	27.3	27.8	28.8	29.2	27.6	26.4	25.4	25.2	26.2	26.7	26.9	27.2
	4KA	27.3	27.9	28.9	29.1	27.6	26.4	25.5	25.4	26.5	26.8	26.9	27.1
	4KB	27.2	27.8	28.7	29.1	27.5	26.3	25.4	25.3	26.3	26.8	27.0	27.2
ENNCA	5AA	15.8	17.3	17.7	17.3	16.6	15.6	15.5	15.6	16.2	16.7	16.1	15.3
	5AB	16.0	17.5	17.9	17.4	16.8	15.9	15.3	15.3	16.2	16.7	16.4	15.5
	5AC	18.1	19.5	19.9	19.4	18.9	17.9	17.6	17.7	18.4	18.9	18.4	17.5
	5AD	17.9	19.4	19.8	19.3	18.8	17.8	17.2	17.3	18.2	18.7	18.4	17.5
	5BA	16.5	17.9	18.3	18.3	17.6	16.3	15.5	15.5	16.7	17.4	16.8	15.8
	5BB	14.8	16.3	16.6	16.4	15.7	14.6	13.7	13.8	14.9	15.5	15.1	14.1
	5BC-1	16.0	17.5	18.0	17.8	17.2	16.0	15.4	15.5	16.4	16.9	16.5	15.5
	5BC-2	18.2	19.7	20.1	20.0	19.5	18.2	17.8	18.0	18.8	19.3	18.8	17.8
	5BD	16.9	18.4	18.8	18.4	17.8	16.8	16.1	16.2	17.1	17.7	17.3	16.4
	5BE	14.7	16.1	16.7	16.5	16.0	14.7	14.2	14.3	15.3	15.8	15.4	14.3
	5CA	17.7	19.1	19.4	19.0	18.4	17.5	17.5	17.6	18.1	18.7	18.3	17.4
	5CB	19.9	21.3	21.6	21.4	20.8	19.6	19.9	19.9	20.9	21.4	20.9	19.8
	5CC	20.0	21.2	21.4	21.2	20.5	19.4	20.5	20.5	21.0	21.8	21.5	20.0
	5DA	19.3	20.8	21.3	21.1	20.4	19.2	18.8	18.8	20.1	20.8	20.3	19.2
	5DB	18.2	19.7	20.2	20.0	19.4	18.2	17.9	18.0	19.0	19.5	19.0	17.9
	5DC	18.4	19.9	20.2	20.0	19.4	18.2	18.1	18.1	19.0	19.5	19.0	18.1
	5DD	21.1	22.6	23.0	22.9	22.3	21.1	20.9	20.9	22.0	22.5	21.9	20.9
	5EA	28.4	29.7	30.0	29.1	27.4	26.5	26.2	26.2	27.6	27.9	26.9	26.4
	5EB	27.4	28.8	28.7	27.9	26.3	25.4	25.4	25.4	26.9	27.4	26.6	25.9
	5EC	25.4	26.7	26.8	26.3	25.2	24.2	24.7	24.6	26.0	26.5	25.8	24.7
	5ED	25.6	26.9	27.3	26.9	25.8	24.8	24.7	24.6	26.0	26.5	25.9	24.9
	5FA	27.7	29.0	29.6	29.2	27.9	26.8	26.5	26.3	27.7	27.7	27.3	26.5
	5FB	28.7	29.9	30.3	29.8	28.2	27.3	27.0	26.8	28.3	28.4	27.7	27.1
	5G	27.1	28.6	28.8	27.8	26.3	25.4	25.1	25.2	26.7	27.2	26.1	25.5
	5HA	28.2	29.9	30.7	29.6	28.4	27.6	26.8	27.2	28.4	29.0	27.6	26.9
	5HB	26.8	28.4	28.8	27.8	26.4	25.5	25.3	25.4	26.9	27.5	26.3	25.6
	5J	25.9	27.2	26.8	26.3	25.2	24.6	25.3	25.1	26.4	27.2	26.5	25.2

Monthly Temperature by Sub-basin

Year 2004 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.1	21.7	22.4	21.1	20.4	19.7	19.3	19.9	20.0	20.7	20.1	20.4
	1AB	18.1	18.7	19.4	18.2	17.4	16.8	16.4	17.0	17.1	17.8	17.2	17.5
	1AC	21.6	22.2	22.8	21.6	20.9	20.2	19.8	20.4	20.5	21.2	20.6	21.0
	1AD	23.1	23.7	24.4	23.1	22.4	21.7	21.4	22.0	22.1	22.8	22.2	22.5
	1AE	23.8	24.3	25.0	23.8	23.0	22.3	22.0	22.6	22.7	23.4	22.8	23.1
	1AF	23.1	23.7	24.3	23.1	22.4	21.7	21.4	22.0	22.1	22.7	22.2	22.5
	1AG	23.3	23.9	24.5	23.2	22.5	21.8	21.5	22.1	22.2	22.9	22.4	22.7
	1AH	23.6	24.1	24.7	23.5	22.8	22.2	21.8	22.4	22.5	23.1	22.6	22.9
	1BA	16.8	17.4	18.1	17.0	16.2	15.5	15.0	15.7	15.8	16.5	15.9	16.2
	1BB	17.6	18.2	18.9	17.7	16.9	16.2	15.8	16.4	16.6	17.2	16.6	16.9
	1BC	18.7	19.3	20.1	18.8	18.0	17.3	16.8	17.5	17.6	18.3	17.6	18.0
	1BD	19.1	19.7	20.5	19.3	18.4	17.7	17.3	18.0	18.1	18.8	18.1	18.4
	1BE	19.0	19.6	20.4	19.1	18.3	17.6	17.2	17.8	17.9	18.5	17.9	18.3
	1BG	19.0	19.6	20.4	19.1	18.3	17.6	17.2	17.8	17.9	18.5	17.9	18.3
	1BH	18.5	19.1	19.8	18.5	17.8	17.1	16.7	17.3	17.4	18.0	17.5	17.8
	1CA	17.9	18.5	19.3	18.1	17.3	16.6	16.1	16.9	17.0	17.7	17.0	17.3
	1CB	17.8	18.4	19.1	18.0	17.1	16.4	15.9	16.7	16.8	17.6	16.9	17.2
	1CC	17.1	17.7	18.3	17.3	16.5	15.8	15.3	16.1	16.2	16.9	16.3	16.5
	1CD	18.8	19.4	20.0	18.9	18.0	17.4	16.9	17.6	17.8	18.5	17.8	18.1
	1CE	20.1	20.7	21.4	20.2	19.4	18.7	18.3	18.9	19.0	19.7	19.1	19.4
	1DA	21.2	21.8	22.5	21.2	20.5	19.8	19.5	20.1	20.2	20.9	20.3	20.6
	1DB	18.6	19.2	19.9	18.6	17.9	17.2	16.8	17.4	17.5	18.2	17.6	18.0
	1DC	22.1	22.7	23.3	22.1	21.4	20.7	20.4	20.9	21.0	21.7	21.2	21.5
	1DD	22.6	23.1	23.7	22.5	21.8	21.1	20.8	21.4	21.5	22.2	21.6	21.9
	1EA	20.4	21.0	21.5	20.3	19.7	19.0	18.7	19.3	19.4	20.0	19.6	19.9
	1EB	22.1	22.7	23.1	21.8	21.3	20.6	20.4	20.9	21.0	21.7	21.2	21.5
	1EC	22.0	22.6	23.1	21.8	21.2	20.5	20.3	20.8	20.9	21.6	21.1	21.4
	1ED	22.8	23.4	24.0	22.7	22.1	21.4	21.1	21.7	21.8	22.4	21.9	22.3
	1EE	23.4	24.0	24.5	23.2	22.7	22.0	21.7	22.2	22.4	22.9	22.4	22.8
	1EF	23.5	24.1	24.7	23.4	22.8	22.2	21.8	22.4	22.5	23.0	22.5	22.9
	1EG	22.9	23.5	24.0	22.7	22.2	21.5	21.3	21.8	21.9	22.4	22.0	22.4
	1FA	16.8	17.4	17.9	16.8	16.2	15.5	15.0	15.8	15.9	16.5	15.9	16.2
	1FB	18.8	19.4	20.0	18.8	18.1	17.4	17.0	17.7	17.8	18.5	17.9	18.2
	1FC	19.2	19.8	20.3	19.1	18.5	17.8	17.4	18.1	18.2	18.8	18.3	18.6
	1FD	18.4	19.0	19.5	18.4	17.8	17.1	16.7	17.4	17.5	18.0	17.5	17.8
	1FE	21.1	21.7	22.1	20.9	20.4	19.7	19.4	20.0	20.1	20.7	20.2	20.5
	1FF	21.6	22.2	22.6	21.4	20.9	20.2	19.9	20.5	20.6	21.1	20.7	21.0
	1FG	23.2	23.8	24.3	23.0	22.5	21.8	21.5	22.1	22.2	22.7	22.2	22.6
LVSCA	1GA	17.1	17.7	18.2	17.1	16.6	15.9	15.4	16.1	16.3	16.7	16.2	16.6
	1GB	20.2	20.8	21.2	20.1	19.6	19.0	18.5	19.2	19.4	19.8	19.3	19.7
	1GC	17.4	18.0	18.3	17.3	16.9	16.1	15.7	16.4	16.6	16.9	16.5	16.9
	1GD	22.0	22.6	22.9	21.8	21.4	20.7	20.3	21.0	21.1	21.4	21.0	21.4
	1GE	21.8	22.4	22.6	21.6	21.2	20.6	20.1	20.8	21.0	21.2	20.8	21.2
	1GF	22.7	23.3	23.7	22.6	22.2	21.5	21.1	21.7	21.9	22.2	21.8	22.2
	1GG	17.7	18.3	18.6	17.6	17.1	16.5	16.0	16.7	16.9	17.2	16.7	17.1
	1HA1	21.4	22.0	22.4	21.2	20.7	20.0	19.7	20.3	20.4	20.9	20.5	20.8
	1HA2	23.7	24.3	24.7	23.5	23.1	22.4	22.0	22.7	22.8	23.2	22.8	23.2
	1HB1	23.3	23.9	24.3	23.2	22.7	22.0	21.7	22.3	22.4	22.9	22.4	22.8
	1HB2	22.7	23.3	23.7	22.6	22.1	21.4	21.1	21.7	21.8	22.3	21.8	22.2
	1HC	23.7	24.3	24.8	23.6	23.1	22.4	22.1	22.7	22.8	23.3	22.8	23.2
	1HD	22.2	22.8	23.1	22.0	21.6	20.9	20.5	21.1	21.3	21.7	21.3	21.7
	1HE	22.4	23.0	23.3	22.2	21.9	21.0	20.6	21.3	21.5	21.9	21.5	21.9
	1HF	23.1	23.7	24.1	23.0	22.5	21.8	21.4	22.1	22.2	22.7	22.2	22.6
	1HG	23.0	23.6	23.9	22.8	22.4	21.6	21.2	21.9	22.1	22.5	22.1	22.5
	1JA	17.0	17.5	17.6	16.8	16.5	15.5	15.0	15.7	16.1	16.4	16.0	16.5
	1JB	19.0	19.5	19.6	18.7	18.5	17.7	17.2	17.9	18.2	18.3	18.0	18.6
	1JC	17.9	18.5	18.6	17.7	17.5	16.7	16.2	16.9	17.2	17.2	16.9	17.5
	1JD	20.0	20.6	20.8	19.8	19.6	18.9	18.4	19.0	19.3	19.3	19.0	19.6
	1JE	19.1	19.6	19.7	18.9	18.7	17.5	17.1	17.7	18.2	18.6	18.3	18.8
	1JF	18.5	19.0	19.1	18.3	18.0	17.0	16.5	17.2	17.6	17.9	17.6	18.1
	1JG1	21.3	21.9	22.1	21.1	20.8	20.1	19.6	20.3	20.5	20.7	20.3	20.8
	1JG2	23.0	23.6	24.0	22.8	22.4	21.8	21.3	22.0	22.2	22.5	22.1	22.5
	1KA	21.4	21.9	22.1	21.1	21.1	19.7	19.4	20.0	20.4	20.8	20.5	20.9
	1KB	21.4	21.9	22.2	21.2	21.1	19.8	19.4	20.0	20.5	20.9	20.6	21.0
	1KC	20.8	21.2	21.4	20.5	20.4	19.0	18.6	19.3	19.8	20.3	20.0	20.4
	1LA1	17.2	17.7	17.8	17.0	16.9	15.5	15.0	15.8	16.3	16.7	16.4	16.9
	1LA2	20.2	20.6	20.7	20.0	19.8	18.1	17.8	18.4	19.2	19.7	19.4	19.9
	1LA3	18.9	19.0	19.3	18.7	18.3	16.0	15.8	16.4	17.9	18.3	18.2	18.7
	1LB1	17.3	17.6	17.8	17.1	17.0	15.2	14.8	15.5	16.3	16.8	16.5	17.0
	1LB2	19.0	19.2	19.4	18.8	18.5	16.4	16.0	16.7	18.0	18.5	18.3	18.8

Monthly Temperature by Sub-basin

Year 2004 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.8	28.7	29.3	28.3	27.9	27.3	26.8	27.4	27.7	28.3	27.0	27.5
	2AB	28.2	29.1	29.7	28.7	28.4	27.9	27.3	27.9	28.2	28.7	27.4	27.9
	2BA	19.1	19.7	20.5	19.3	18.5	17.8	17.3	18.0	18.1	18.8	18.2	18.5
	2BB	23.9	24.5	25.3	24.1	23.4	22.7	22.2	22.9	23.1	23.7	22.9	23.3
	2BC	22.1	22.8	23.5	22.3	21.6	20.9	20.5	21.1	21.3	21.9	21.2	21.5
	2BD	26.7	27.6	28.2	27.1	26.8	26.3	25.7	26.3	26.6	27.2	25.9	26.3
	2CA	28.3	29.3	29.8	28.8	28.6	28.1	27.5	28.1	28.4	29.0	27.5	28.0
	2CB	21.4	22.0	22.6	21.6	20.8	20.1	19.6	20.3	20.5	21.1	20.5	20.8
	2CC	26.1	26.9	27.6	26.5	25.9	25.3	24.8	25.4	25.6	26.3	25.3	25.6
	2D	24.7	25.4	26.1	25.0	24.3	23.6	23.1	23.8	24.0	24.7	23.8	24.1
	2EA	19.9	20.4	20.8	19.9	19.4	18.3	17.8	18.6	19.0	19.6	19.1	19.5
	2EB	19.6	20.2	20.6	19.7	19.1	18.1	17.6	18.4	18.7	19.3	18.8	19.1
	2EC	18.8	19.2	19.5	18.7	18.3	17.1	16.6	17.4	17.8	18.4	17.9	18.3
	2ED	16.7	17.3	17.8	16.7	16.1	15.5	15.0	15.7	15.9	16.4	15.8	16.2
	2EE	22.1	22.7	23.3	22.3	21.6	20.9	20.4	21.1	21.3	21.8	21.2	21.5
	2EF	19.3	19.9	20.4	19.3	18.8	18.1	17.6	18.3	18.5	19.0	18.4	18.8
	2EG1	15.6	16.1	16.3	15.5	15.2	14.0	13.5	14.2	14.7	15.1	14.7	15.1
	2EG2	21.8	22.4	22.8	21.9	21.3	20.4	19.9	20.7	20.9	21.4	20.9	21.3
	2EH	23.0	23.6	24.2	23.2	22.5	21.8	21.2	22.0	22.1	22.7	22.1	22.4
	2EJ	21.4	22.0	22.6	21.6	20.8	20.1	19.6	20.3	20.5	21.1	20.5	20.7
	2EK	19.6	20.2	20.7	19.8	19.1	18.3	17.8	18.5	18.8	19.3	18.7	19.0
	2FA	17.6	17.7	18.1	17.4	16.8	14.8	14.5	15.1	16.6	17.1	16.9	17.3
	2FB	18.4	18.8	19.1	18.3	17.8	16.7	16.1	16.9	17.4	18.0	17.6	18.0
	2FC	17.0	17.2	17.5	16.8	16.5	14.7	14.3	15.0	16.0	16.5	16.2	16.7
	2GA	16.9	17.0	17.5	16.8	16.1	13.9	13.7	14.2	15.9	16.5	16.3	16.7
	2GB	14.7	14.9	15.5	14.9	14.1	12.0	11.7	12.2	14.0	14.5	14.2	14.4
	2GC	14.0	14.1	14.8	14.1	13.2	11.0	10.9	11.2	13.3	13.7	13.5	13.7
	2GD	16.6	16.7	17.2	16.5	15.7	13.4	13.2	13.7	15.6	16.1	15.9	16.4
	2H-1	21.7	21.7	22.3	21.6	20.7	18.5	18.3	18.8	20.7	21.1	21.0	21.4
	2H-2	22.4	22.4	23.1	22.2	21.3	19.1	19.0	19.4	21.5	21.8	21.7	22.1
	2H-3	21.8	21.8	22.4	21.6	20.6	18.5	18.4	18.8	20.9	21.2	21.0	21.3
	2J	27.4	28.2	28.9	27.8	27.4	26.9	26.3	26.9	27.2	27.8	26.6	27.0
	2KA	17.4	17.5	17.7	17.2	16.9	14.5	14.2	14.9	16.3	16.9	16.8	17.2
	2KB	20.0	20.0	20.5	19.9	19.3	16.9	16.7	17.2	19.0	19.5	19.4	19.8
	2KC	23.1	23.1	23.7	23.0	22.4	20.0	19.8	20.3	22.2	22.6	22.5	22.9
ACA	3AA	20.0	20.0	20.6	19.8	18.9	16.6	16.5	16.9	19.0	19.4	19.2	19.6
	3AB	20.3	20.4	21.0	20.2	19.2	17.1	16.8	17.2	19.3	19.8	19.6	19.7
	3AC	20.9	21.0	21.6	20.8	19.9	17.7	17.4	17.8	19.9	20.6	20.3	20.3
	3BA	19.8	19.9	20.5	19.7	18.7	16.5	16.3	16.7	18.7	19.3	19.1	19.4
	3BB	19.9	20.0	20.6	19.8	18.8	16.6	16.4	16.8	18.8	19.4	19.2	19.5
	3BC	18.3	18.4	19.1	18.3	17.3	15.1	14.9	15.3	17.3	17.8	17.6	17.9
	3BD	19.0	19.1	19.8	19.0	18.1	15.9	15.8	16.1	18.2	18.7	18.4	18.6
	3CB	19.6	19.8	20.5	19.8	18.8	16.7	16.5	16.9	19.0	19.5	19.2	19.3
	3DA	21.7	22.0	22.6	21.9	21.0	18.9	18.6	19.0	21.1	21.7	21.3	21.3
	3DB	22.9	23.1	23.8	23.1	22.2	20.1	19.8	20.1	22.2	22.8	22.6	22.4
	3EA	20.3	20.6	21.1	20.4	19.4	17.3	17.0	17.3	19.5	20.1	19.8	19.6
	3EB	21.3	21.6	22.2	21.4	20.5	18.4	18.1	18.4	20.5	21.1	20.9	20.7
	3EC	21.3	21.5	22.2	21.4	20.4	18.3	17.9	18.2	20.3	21.0	20.9	20.6
	3ED	23.3	23.4	24.2	23.5	22.6	20.5	20.0	20.4	22.5	23.2	23.1	22.8
	3FA	22.5	22.6	23.4	22.5	21.7	19.5	19.1	19.4	21.5	22.2	22.2	21.9
	3FB	25.1	25.1	26.1	25.1	24.4	22.2	21.5	21.8	23.7	24.6	24.9	24.3
	3G	24.0	24.0	24.9	23.8	23.2	21.0	20.3	20.5	22.3	23.1	23.5	23.1
	3HA	26.5	26.6	27.4	26.1	25.7	23.6	22.8	22.8	24.4	25.1	25.7	25.6
	3HB	27.6	27.6	28.3	27.3	26.9	24.7	23.9	23.9	25.2	25.9	26.6	26.9
	3HC	27.8	27.8	28.4	27.8	27.4	25.0	24.3	24.4	25.3	26.1	26.8	27.3
	3HD1	27.7	27.8	28.3	27.8	27.4	25.0	24.3	24.3	25.2	26.0	26.7	27.3
	3HD2	28.1	28.1	28.7	28.3	27.9	25.4	24.8	24.8	25.6	26.5	27.1	27.6
	3J	24.3	24.3	25.2	24.0	23.5	21.3	20.5	20.6	22.2	23.0	23.6	23.5
	3K	27.6	27.8	28.3	27.5	27.0	24.8	23.9	24.0	25.2	25.9	26.7	27.2
	3LA	26.9	27.0	27.7	26.7	26.3	24.1	23.3	23.3	24.6	25.3	25.9	26.3
	3LB	27.8	27.9	28.5	27.9	27.5	25.1	24.4	24.5	25.4	26.1	26.8	27.4
	3MA-1	25.0	25.1	25.8	24.7	24.2	22.1	21.3	21.3	22.8	23.5	24.1	24.2
	3MA-2	26.5	26.6	27.2	26.2	25.8	23.6	22.7	22.8	24.0	24.8	25.5	25.9
	3MB	27.2	27.3	27.9	27.1	26.6	24.4	23.5	23.5	24.7	25.5	26.2	26.8
	3MC	27.1	27.2	27.7	27.0	26.5	24.3	23.3	23.4	24.6	25.3	26.1	26.7
	3MD1	27.5	27.6	28.1	27.5	27.0	24.8	23.8	23.9	25.0	25.8	26.5	27.2
	3MD2	27.9	28.1	28.6	27.8	27.3	25.1	24.1	24.2	25.3	26.1	26.9	27.7
	3N	21.8	21.9	22.7	21.8	20.9	18.8	18.4	18.8	20.8	21.4	21.4	21.2

Monthly Temperature by Sub-basin

Year 2004 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.7	16.0	16.8	16.2	15.2	13.3	13.1	13.3	15.4	15.7	15.3	15.2
	4AB	16.3	16.5	17.3	16.7	15.7	13.7	13.5	13.8	15.9	16.2	15.9	15.8
	4AC	15.9	16.2	17.0	16.4	15.4	13.4	13.1	13.4	15.5	15.9	15.5	15.5
	4AD	16.2	16.5	17.2	16.6	15.6	13.6	13.4	13.6	15.7	16.1	15.8	15.8
	4BA	20.4	20.7	21.5	20.9	19.9	17.9	17.7	18.0	20.1	20.5	20.1	19.9
	4BB	17.6	17.9	18.7	18.1	17.1	15.1	14.9	15.1	17.3	17.6	17.2	17.0
	4BC	20.5	20.8	21.6	21.0	20.0	18.1	17.9	18.1	20.2	20.6	20.1	19.9
	4BD	18.3	18.6	19.3	18.7	17.7	15.7	15.5	15.8	17.9	18.3	17.9	17.9
	4BE	19.6	19.9	20.6	20.0	19.0	17.0	16.8	17.1	19.2	19.6	19.2	19.2
	4BF	21.4	21.6	22.3	21.7	20.8	18.8	18.6	18.9	21.0	21.4	21.1	21.0
	4BG	22.6	22.8	23.6	23.0	22.0	20.0	19.8	20.0	22.2	22.6	22.2	22.0
	4CA	16.2	16.3	17.1	16.3	15.4	13.3	13.1	13.5	15.5	16.0	15.7	15.9
	4CB	18.2	18.3	19.0	18.3	17.4	15.3	15.1	15.5	17.5	18.0	17.7	17.9
	4CC	21.6	21.9	22.5	21.9	20.9	18.9	18.7	19.0	21.1	21.6	21.3	21.1
	4DA	20.1	20.4	21.2	20.7	19.7	17.8	17.6	17.7	20.0	20.2	19.7	19.5
	4DB	18.2	18.6	19.4	18.9	17.9	16.1	15.9	16.0	18.2	18.3	17.9	17.6
	4DC	17.6	18.0	18.8	18.4	17.4	15.5	15.3	15.4	17.7	17.7	17.3	16.9
	4DD	22.7	23.0	23.8	23.3	22.3	20.4	20.2	20.3	22.6	22.8	22.3	22.0
	4DE	22.6	23.0	23.6	23.1	22.1	20.2	20.0	20.2	22.4	22.7	22.3	22.2
	4EA	20.9	21.2	22.0	21.5	20.4	18.5	18.3	18.5	20.6	21.0	20.5	20.3
	4EB	19.6	19.9	20.7	20.2	19.2	17.3	17.1	17.2	19.4	19.7	19.2	18.9
	4EC	22.5	22.9	23.6	23.2	22.2	20.3	20.1	20.2	22.4	22.6	22.2	21.8
	4ED	23.4	23.8	24.5	23.9	23.0	21.1	20.8	21.1	23.2	23.5	23.1	22.9
	4FA	21.9	22.2	22.9	22.4	21.4	19.4	19.2	19.4	21.5	21.9	21.5	21.2
	4FB	25.3	25.6	26.3	25.8	24.8	22.9	22.6	22.8	25.0	25.4	25.0	24.7
	4GA	26.5	26.8	27.5	26.9	26.0	24.0	23.7	24.0	26.2	26.5	26.1	25.9
	4GB	27.2	27.6	28.3	27.8	26.8	24.9	24.6	24.8	27.0	27.3	27.0	26.7
	4GC	28.0	28.2	29.1	28.7	27.8	25.7	25.4	25.6	27.5	27.9	27.7	27.3
	4GD	27.4	27.6	28.5	28.1	27.2	25.0	24.7	24.9	26.7	27.2	27.1	26.8
	4GE	27.0	27.2	28.1	27.5	26.6	24.5	24.2	24.4	26.3	26.8	26.7	26.3
	4GF	27.2	27.3	28.2	27.6	26.9	24.6	24.1	24.3	25.8	26.6	26.8	26.5
	4GG	28.0	28.0	28.6	28.4	28.0	25.3	24.8	24.9	25.7	26.6	27.1	27.5
	4HA	24.6	24.7	25.6	24.8	23.9	21.8	21.4	21.6	23.7	24.4	24.4	23.9
	4HB	27.5	27.5	28.4	27.6	27.0	24.7	24.1	24.2	25.8	26.6	26.9	26.7
	4HC	27.4	27.4	28.2	27.3	26.8	24.5	23.8	23.9	25.3	26.0	26.6	26.7
	4JA	28.1	28.1	29.0	28.8	28.1	25.6	25.3	25.4	26.8	27.5	27.6	27.4
	4JB	28.1	28.1	28.7	28.6	28.2	25.4	25.0	25.0	25.9	26.8	27.2	27.5
	4KA	28.1	28.1	28.8	28.7	28.2	25.5	25.1	25.2	26.2	27.0	27.3	27.5
	4KB	28.2	28.2	28.8	28.8	28.3	25.6	25.2	25.2	26.2	27.1	27.4	27.5
ENNCA	5AA	16.8	17.3	17.9	17.2	16.4	15.2	14.8	15.3	16.3	16.7	16.3	16.3
	5AB	16.7	17.1	17.8	17.2	16.3	14.7	14.4	14.8	16.4	16.8	16.3	16.2
	5AC	19.0	19.6	20.3	19.5	18.6	17.5	17.1	17.6	18.6	19.0	18.4	18.4
	5AD	18.8	19.2	20.0	19.4	18.4	17.0	16.6	17.1	18.5	18.9	18.4	18.3
	5BA	17.2	17.5	18.3	17.7	16.7	14.7	14.5	14.7	16.9	17.2	16.8	16.8
	5BB	15.4	15.7	16.5	15.8	14.8	12.8	12.6	12.8	14.9	15.3	15.0	14.9
	5BC-1	17.0	17.2	18.0	17.5	16.4	14.5	14.2	14.5	16.6	16.9	16.6	16.5
	5BC-2	19.4	19.8	20.5	19.9	18.9	17.3	17.0	17.4	19.1	19.4	19.0	18.9
	5BD	17.7	18.0	18.8	18.2	17.2	15.4	15.2	15.5	17.3	17.6	17.3	17.2
	5BE	15.9	16.2	17.0	16.5	15.4	13.5	13.3	13.5	15.6	15.9	15.5	15.4
	5CA	18.9	19.5	20.3	19.4	18.4	17.5	17.0	17.6	18.3	18.8	18.2	18.2
	5CB	21.7	22.2	23.0	22.2	21.3	20.2	19.8	20.3	21.2	21.7	21.1	21.0
	5CC	22.1	22.7	23.5	22.5	21.7	20.9	20.4	21.0	21.5	22.1	21.3	21.4
	5DA	20.9	21.2	21.9	21.4	20.4	18.4	18.2	18.4	20.5	20.9	20.5	20.3
	5DB	19.7	20.0	20.8	20.2	19.2	17.4	17.1	17.4	19.3	19.7	19.3	19.2
	5DC	19.6	20.2	20.9	20.2	19.3	18.0	17.6	18.1	19.3	19.7	19.2	19.1
	5DD	22.6	23.1	23.9	23.2	22.3	21.0	20.6	21.0	22.3	22.7	22.2	22.1
	5EA	28.3	28.5	29.2	28.6	28.2	26.3	25.9	26.1	27.7	27.7	26.8	27.0
	5EB	28.2	28.6	29.2	28.5	28.1	26.6	26.1	26.4	27.8	27.9	26.9	27.1
	5EC	27.1	27.7	28.4	27.7	27.0	25.8	25.4	25.8	27.0	27.3	26.5	26.5
	5ED	26.7	27.0	27.7	27.1	26.1	24.1	23.9	24.1	26.2	26.7	26.3	26.1
	5FA	27.8	28.1	28.8	28.5	27.6	25.5	25.3	25.4	27.3	27.7	27.4	27.2
	5FB	28.5	28.7	29.4	29.1	28.5	26.3	26.0	26.1	27.7	28.0	27.6	27.5
	5G	27.8	28.0	28.6	27.8	27.7	25.9	25.5	25.7	27.1	27.1	25.9	26.2
	5HA	29.6	29.6	30.1	29.1	29.3	27.4	26.8	27.1	28.4	28.1	26.7	27.3
	5HB	28.0	28.1	28.7	27.8	27.8	26.0	25.5	25.7	27.1	26.9	25.6	26.1
	5J	27.4	28.2	28.9	27.8	27.3	26.7	26.1	26.7	27.1	27.7	26.6	26.9

Monthly Temperature by Sub-basin

Year 2005 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.1	22.4	22.2	21.7	20.8	20.3	19.7	19.9	20.6	21.1	21.3	21.8
	1AB	18.2	19.5	19.3	18.8	17.8	17.3	16.8	17.0	17.6	18.2	18.3	18.9
	1AC	21.6	22.9	22.7	22.2	21.3	20.7	20.2	20.4	21.1	21.6	21.8	22.3
	1AD	23.2	24.5	24.3	23.8	22.8	22.3	21.8	22.0	22.7	23.2	23.4	24.0
	1AE	23.9	25.2	24.8	24.4	23.4	22.9	22.4	22.7	23.3	23.9	24.0	24.7
	1AF	23.2	24.6	24.3	23.8	22.8	22.3	21.8	22.0	22.6	23.2	23.4	24.0
	1AG	23.4	24.8	24.4	23.9	22.9	22.4	21.9	22.2	22.8	23.4	23.5	24.2
	1AH	23.8	25.3	24.6	24.2	23.2	22.7	22.2	22.5	23.2	23.8	23.8	24.6
	1BA	16.7	17.7	18.0	17.5	16.6	16.0	15.5	15.5	16.0	16.6	16.6	16.8
	1BB	17.5	18.6	18.8	18.3	17.4	16.8	16.3	16.4	16.9	17.5	17.6	17.9
	1BC	18.5	19.7	19.8	19.3	18.3	17.8	17.3	17.4	18.0	18.6	18.7	19.1
	1BD	19.0	20.2	20.3	19.8	18.9	18.3	17.8	17.9	18.5	19.1	19.2	19.5
	1BE	18.8	20.0	20.0	19.5	18.6	18.1	17.6	17.7	18.3	18.9	19.0	19.4
	1BG	18.8	20.1	20.0	19.5	18.6	18.0	17.5	17.7	18.3	18.9	19.0	19.5
	1BH	18.4	19.7	19.5	19.1	18.1	17.6	17.1	17.2	17.8	18.4	18.6	19.0
	1CA	17.8	18.9	19.2	18.7	17.8	17.2	16.7	16.8	17.3	18.0	18.0	18.2
	1CB	17.7	18.7	19.1	18.6	17.7	17.1	16.6	16.6	17.1	17.8	17.8	18.1
	1CC	17.1	18.0	18.4	17.9	17.0	16.4	15.9	16.0	16.5	17.0	17.1	17.4
	1CD	18.7	19.9	20.0	19.5	18.6	18.0	17.5	17.6	18.2	18.8	18.9	19.3
	1CE	20.0	21.3	21.2	20.8	19.8	19.3	18.8	18.9	19.5	20.1	20.2	20.6
	1DA	21.3	22.6	22.4	21.9	20.9	20.4	19.9	20.1	20.6	21.2	21.4	21.9
	1DB	18.6	19.9	19.7	19.2	18.3	17.7	17.2	17.4	18.0	18.6	18.7	19.3
	1DC	22.2	23.5	23.2	22.7	21.8	21.2	20.7	20.9	21.5	22.1	22.3	22.9
	1DD	22.7	24.0	23.7	23.2	22.2	21.7	21.2	21.4	22.1	22.6	22.8	23.4
	1EA	20.6	21.9	21.5	21.1	20.1	19.6	19.0	19.2	19.8	20.4	20.6	21.2
	1EB	22.3	23.7	23.1	22.6	21.6	21.1	20.6	20.8	21.4	21.9	22.2	22.9
	1EC	22.1	23.5	23.1	22.6	21.6	21.1	20.5	20.8	21.3	21.9	22.1	22.7
	1ED	23.0	24.5	24.0	23.5	22.5	22.0	21.5	21.8	22.4	23.0	23.1	23.8
	1EE	23.7	25.2	24.4	24.0	23.0	22.6	22.1	22.4	23.1	23.6	23.7	24.5
	1EF	23.9	25.4	24.6	24.2	23.2	22.8	22.3	22.6	23.3	23.9	23.9	24.7
	1EG	23.3	24.8	24.0	23.7	22.6	22.2	21.7	22.0	22.7	23.3	23.3	24.2
	1FA	16.7	17.8	18.0	17.5	16.6	16.1	15.5	15.6	16.1	16.6	16.6	17.0
	1FB	18.8	20.0	20.0	19.5	18.6	18.0	17.5	17.7	18.3	18.9	19.0	19.4
	1FC	19.2	20.4	20.4	19.9	18.9	18.4	17.9	18.1	18.7	19.2	19.4	19.9
	1FD	18.4	19.6	19.6	19.1	18.2	17.7	17.1	17.3	17.8	18.4	18.5	19.0
	1FE	21.3	22.7	22.2	21.7	20.7	20.3	19.7	20.0	20.7	21.2	21.3	22.1
	1FF	22.0	23.5	22.7	22.3	21.3	20.9	20.4	20.7	21.5	22.0	22.0	23.0
	1FG	23.8	25.3	24.3	24.0	23.0	22.6	22.1	22.5	23.3	23.7	23.7	24.7
LVSCA	1GA	17.3	18.4	18.3	17.9	17.0	16.5	15.9	16.1	16.7	17.0	17.0	17.6
	1GB	20.4	21.7	21.3	20.9	20.0	19.5	19.0	19.2	19.9	20.3	20.4	21.2
	1GC	17.7	18.8	18.6	18.0	17.1	16.7	16.1	16.4	16.9	16.9	16.8	17.5
	1GD	22.3	23.7	23.0	22.6	21.7	21.3	20.8	21.0	21.8	22.1	22.1	23.2
	1GE	22.2	23.6	22.7	22.4	21.4	21.1	20.6	20.8	21.6	21.8	21.8	23.0
	1GF	23.2	24.7	23.7	23.4	22.4	22.1	21.6	21.9	22.7	23.1	23.0	24.2
	1GG	17.9	19.0	18.8	18.4	17.5	17.0	16.4	16.6	17.2	17.3	17.2	17.9
	1HA1	21.7	23.3	22.5	22.1	21.2	20.7	20.2	20.6	21.4	21.9	21.9	22.9
	1HA2	24.1	25.7	24.8	24.4	23.5	23.1	22.6	23.0	23.8	24.2	24.2	25.3
	1HB1	23.9	25.4	24.4	24.1	23.1	22.8	22.2	22.6	23.5	23.9	23.9	24.9
	1HB2	23.3	24.8	23.9	23.6	22.7	22.2	21.7	22.2	23.1	23.5	23.5	24.6
	1HC	24.3	25.8	24.8	24.5	23.5	23.2	22.6	23.0	23.8	24.2	24.2	25.2
	1HD	22.8	24.3	23.2	23.0	21.9	21.6	21.1	21.4	22.2	22.6	22.6	23.7
	1HE	23.1	24.7	23.4	23.3	22.1	21.9	21.3	21.7	22.5	22.9	22.8	23.9
	1HF	23.7	25.3	24.1	23.9	22.8	22.6	22.0	22.4	23.2	23.6	23.5	24.6
	1HG	23.6	25.1	24.0	23.8	22.7	22.4	21.9	22.2	23.0	23.4	23.4	24.5
	1JA	17.3	18.4	17.9	17.5	16.6	16.0	15.4	15.9	16.5	16.6	16.3	17.1
	1JB	19.4	20.7	19.8	19.4	18.5	18.3	17.7	17.9	18.6	18.7	18.6	19.7
	1JC	18.3	19.6	18.9	18.5	17.6	17.3	16.7	16.9	17.5	17.6	17.5	18.5
	1JD	20.4	21.8	20.9	20.6	19.6	19.4	18.8	19.0	19.7	19.9	19.9	21.1
	1JE	19.6	20.9	20.0	19.7	18.7	18.2	17.6	18.0	18.9	19.4	19.0	20.0
	1JF	18.9	20.1	19.3	19.0	18.0	17.5	16.9	17.3	18.1	18.4	18.1	19.1
	1JG1	21.8	23.3	22.2	22.0	20.9	20.7	20.1	20.4	21.2	21.5	21.5	22.6
	1JG2	23.5	25.1	24.0	23.7	22.7	22.4	21.9	22.2	23.1	23.5	23.4	24.5
	1KA	22.4	24.0	22.6	22.5	21.3	21.1	20.6	20.9	21.7	22.1	22.0	23.1
	1KB	22.3	23.8	22.6	22.4	21.3	21.0	20.5	20.9	21.6	22.1	21.9	23.0
	1KC	21.4	22.7	21.7	21.5	20.5	19.9	19.4	19.8	20.7	21.2	20.9	21.9
	1LA1	17.6	18.6	18.1	17.7	16.8	16.0	15.4	15.9	16.6	16.9	16.4	17.1
	1LA2	20.9	22.1	21.2	21.0	20.0	19.3	18.8	19.3	20.2	20.7	20.3	21.2
	1LA3	19.3	20.0	19.9	19.4	18.5	17.0	16.3	16.9	18.0	19.1	18.4	19.0
	1LB1	17.8	18.7	18.3	17.8	16.9	16.0	15.4	16.0	16.7	17.1	16.5	17.1
	1LB2	19.6	20.6	20.1	19.6	18.8	17.7	17.1	17.7	18.6	19.4	18.7	19.4

Monthly Temperature by Sub-basin

Year 2005 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.0	27.8	28.9	28.3	27.0	26.6	25.9	26.3	26.7	27.7	27.1	26.8
	2AB	27.6	28.5	29.7	29.1	27.6	27.5	26.8	27.2	27.6	28.7	27.9	27.3
	2BA	19.1	20.2	20.4	19.9	18.9	18.4	17.9	18.1	18.6	19.3	19.3	19.6
	2BB	23.7	24.8	25.3	24.8	23.6	23.3	22.7	22.9	23.3	24.1	23.9	23.9
	2BC	22.0	23.2	23.5	23.0	21.9	21.5	21.0	21.1	21.6	22.4	22.3	22.4
	2BD	26.4	27.4	28.4	27.9	26.3	26.4	25.8	26.1	26.5	27.5	26.8	26.3
	2CA	27.8	28.8	30.0	29.5	27.9	27.9	27.2	27.6	28.0	29.2	28.2	27.6
	2CB	21.2	22.0	22.6	22.0	21.1	20.5	19.9	20.1	20.5	21.0	20.9	21.1
	2CC	25.6	26.5	27.4	26.8	25.6	25.2	24.6	24.9	25.3	26.2	25.8	25.6
	2D	24.1	24.7	25.6	24.8	24.0	23.3	22.7	23.0	23.3	23.9	23.8	23.9
	2EA	19.8	20.4	20.9	19.8	19.2	18.5	17.8	18.5	18.7	18.9	18.8	19.0
	2EB	19.4	19.9	20.5	19.5	18.9	18.1	17.4	18.1	18.3	18.4	18.4	18.6
	2EC	19.0	19.7	20.0	18.9	18.2	17.6	16.8	17.5	17.7	17.7	17.4	17.7
	2ED	16.9	17.7	18.0	17.2	16.4	15.9	15.2	15.6	16.0	16.1	16.0	16.3
	2EE	21.9	22.6	23.2	22.5	21.7	20.9	20.3	20.7	21.0	21.3	21.2	21.4
	2EF	19.4	20.1	20.5	19.7	18.9	18.2	17.5	18.0	18.3	18.4	18.2	18.5
	2EG1	15.9	16.6	16.8	15.9	15.2	14.5	13.8	14.4	14.7	14.7	14.4	14.8
	2EG2	21.7	22.4	22.9	22.0	21.3	20.6	19.9	20.4	20.7	20.8	20.6	20.9
	2EH	22.8	23.5	24.1	23.4	22.6	21.9	21.3	21.5	21.8	22.3	22.2	22.4
	2EJ	21.1	21.7	22.3	21.4	20.7	20.0	19.3	19.8	20.0	20.3	20.2	20.4
	2EK	19.3	19.8	20.5	19.5	18.9	18.1	17.4	18.1	18.3	18.5	18.4	18.7
	2FA	17.8	18.5	18.9	17.6	17.0	16.0	15.2	16.5	16.8	17.0	16.8	17.0
	2FB	18.6	19.3	19.6	18.4	17.7	16.9	16.2	17.2	17.4	17.4	17.2	17.5
	2FC	17.4	18.1	18.3	17.1	16.4	15.5	14.8	15.9	16.2	16.3	16.0	16.3
	2GA	17.1	17.8	18.3	17.1	16.4	15.4	14.6	15.7	16.1	16.5	16.3	16.5
	2GB	15.2	15.8	16.4	15.3	14.6	13.7	12.8	13.7	14.2	14.6	14.5	14.6
	2GC	14.1	14.8	15.5	14.5	13.8	12.4	11.3	12.3	13.1	13.8	13.7	13.7
	2GD	16.7	17.2	17.7	16.8	16.0	14.4	13.5	14.5	15.5	16.1	15.9	16.2
	2H-1	21.7	22.3	22.7	21.9	21.0	19.1	18.0	18.8	20.2	21.2	21.1	21.4
	2H-2	22.3	23.0	23.4	22.6	21.7	19.8	18.6	19.3	20.8	21.8	21.8	22.2
	2H-3	21.7	22.4	22.9	22.0	21.0	19.1	17.9	18.7	20.3	21.3	21.3	21.7
	2J	26.9	27.8	28.8	28.3	26.9	26.7	26.0	26.4	26.8	27.8	27.1	26.8
	2KA	17.7	18.3	18.3	17.6	16.9	15.4	14.8	15.6	16.5	17.3	16.6	17.0
	2KB	20.2	20.6	20.9	20.3	19.4	17.4	16.6	17.3	18.6	19.8	19.2	19.6
	2KC	23.3	23.7	24.1	23.4	22.5	20.5	19.6	20.3	21.6	22.8	22.4	22.7
ACA	3AA	19.8	20.4	20.9	20.1	19.2	17.3	16.1	16.9	18.3	19.4	19.3	19.7
	3AB	20.0	20.8	21.4	20.4	19.6	17.9	16.7	17.5	18.9	19.8	19.8	20.2
	3AC	20.5	21.3	22.0	21.1	20.3	18.6	17.3	18.2	19.5	20.4	20.4	20.6
	3BA	19.6	20.2	20.6	19.9	19.1	17.2	16.0	16.8	18.2	19.1	19.1	19.5
	3BB	19.6	20.2	20.7	20.0	19.2	17.3	16.1	16.9	18.2	19.2	19.2	19.5
	3BC	18.1	18.7	19.2	18.6	17.8	15.9	14.6	15.4	16.7	17.7	17.7	17.9
	3BD	18.8	19.4	20.1	19.5	18.6	16.8	15.4	16.4	17.5	18.6	18.5	18.5
	3CB	19.5	20.1	20.9	20.4	19.3	17.7	16.2	17.2	18.2	19.4	19.2	19.1
	3DA	21.6	22.3	23.2	22.4	21.4	19.9	18.5	19.5	20.6	21.6	21.6	21.5
	3DB	22.9	23.7	24.5	23.6	22.6	21.2	19.8	20.7	21.9	22.9	22.9	22.9
	3EA	20.0	20.9	21.7	20.6	19.8	18.4	17.1	18.0	19.3	20.2	20.2	20.3
	3EB	21.1	22.0	22.8	21.8	20.9	19.5	18.1	19.1	20.3	21.3	21.3	21.4
	3EC	21.2	22.1	22.7	21.6	20.8	19.4	18.1	18.9	20.1	21.1	21.1	21.4
	3ED	23.4	24.2	25.0	24.0	23.1	21.7	20.3	21.1	22.3	23.4	23.4	23.5
	3FA	22.6	23.4	24.0	22.9	22.1	20.5	19.2	19.9	21.2	22.2	22.3	22.7
	3FB	25.2	26.0	26.6	25.6	24.9	23.2	21.8	22.1	23.3	24.5	24.7	25.2
	3G	23.8	24.7	25.3	24.4	23.7	22.0	20.7	20.9	21.9	23.1	23.4	24.0
	3HA	26.0	27.0	27.5	27.0	26.2	24.5	23.3	23.2	24.1	25.3	25.7	26.4
	3HB	26.8	27.5	28.6	28.5	27.5	26.0	24.8	24.4	25.2	26.1	26.6	27.2
	3HC	26.9	27.4	28.6	29.0	27.8	26.5	25.3	24.8	25.6	26.3	26.7	27.2
	3HD1	26.8	27.3	28.3	28.9	27.7	26.4	25.2	24.8	25.6	26.2	26.6	27.1
	3HD2	27.2	27.6	28.8	29.4	28.2	27.0	25.7	25.2	26.0	26.8	27.1	27.6
	3J	24.0	24.8	25.5	24.8	24.0	22.3	21.1	21.0	21.9	23.0	23.2	24.1
	3K	27.1	27.6	28.8	28.5	27.4	26.0	24.8	24.5	25.2	26.0	26.6	27.2
	3LA	26.2	26.9	27.9	27.7	26.7	25.2	24.0	23.7	24.4	25.3	25.9	26.5
	3LB	26.9	27.4	28.4	28.9	27.6	26.3	25.2	24.9	25.7	26.4	26.8	27.3
	3MA-1	24.5	25.3	26.1	25.6	24.8	23.2	22.0	21.8	22.5	23.6	24.1	24.8
	3MA-2	25.9	26.5	27.7	27.3	26.3	24.8	23.6	23.3	24.0	24.9	25.5	26.1
	3MB	26.7	27.1	28.3	28.0	26.8	25.4	24.3	24.1	24.7	25.5	26.1	26.7
	3MC	26.6	27.0	28.2	27.9	26.7	25.3	24.2	24.0	24.6	25.4	25.9	26.6
	3MD1	27.0	27.3	28.3	28.0	26.8	25.4	24.4	24.3	24.9	25.7	26.2	26.9
	3MD2	27.5	27.7	28.7	28.5	27.3	25.9	24.9	24.8	25.3	26.0	26.5	27.3
	3N	21.9	22.7	23.2	22.2	21.3	19.6	18.4	19.0	20.5	21.5	21.6	22.0

Monthly Temperature by Sub-basin

Year 2005 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.3	16.2	17.4	16.6	15.9	14.1	13.0	13.4	14.7	15.7	15.5	15.0
	4AB	16.2	17.0	18.1	17.2	16.6	14.9	13.8	14.3	15.4	16.3	16.2	16.0
	4AC	15.8	16.6	17.8	16.9	16.3	14.5	13.3	13.9	15.0	16.1	16.0	15.7
	4AD	16.0	16.8	18.0	17.2	16.4	14.7	13.4	14.0	15.1	16.3	16.1	15.7
	4BA	20.1	21.0	22.3	21.5	20.7	18.9	17.5	18.0	19.3	20.6	20.3	19.8
	4BB	17.2	18.1	19.4	18.5	17.8	15.9	14.7	15.1	16.5	17.7	17.4	16.8
	4BC	20.1	21.0	22.3	21.5	20.7	18.8	17.5	18.0	19.3	20.6	20.3	19.7
	4BD	18.0	18.8	20.0	19.3	18.5	16.6	15.3	15.8	17.2	18.4	18.3	17.8
	4BE	19.3	20.1	21.2	20.6	19.7	17.9	16.5	17.1	18.4	19.7	19.5	19.1
	4BF	21.1	21.8	23.0	22.5	21.5	19.7	18.2	19.0	20.1	21.5	21.2	20.7
	4BG	22.2	23.0	24.2	23.6	22.5	20.8	19.3	20.1	21.3	22.7	22.4	21.8
	4CA	16.0	16.6	17.4	16.9	15.9	14.2	12.7	13.6	14.7	16.0	15.8	15.7
	4CB	17.9	18.5	19.4	19.0	18.0	16.3	14.8	15.7	16.8	18.0	17.8	17.6
	4CC	21.3	22.1	23.1	22.5	21.5	19.9	18.4	19.4	20.4	21.7	21.4	21.0
	4DA	19.7	20.6	21.9	21.1	20.2	18.4	17.1	17.5	18.9	20.2	19.8	19.1
	4DB	17.7	18.6	20.1	19.2	18.3	16.5	15.3	15.6	17.0	18.3	17.9	17.1
	4DC	17.1	18.1	19.5	18.6	17.8	15.9	14.7	15.0	16.4	17.8	17.3	16.5
	4DD	22.1	23.0	24.4	23.7	22.7	20.8	19.5	20.0	21.3	22.8	22.3	21.5
	4DE	22.5	23.4	24.5	23.7	22.6	21.1	19.7	20.4	21.7	23.0	22.7	22.2
	4EA	19.8	20.6	22.1	21.3	20.5	18.8	17.8	18.2	19.5	20.6	20.2	19.4
	4EB	18.8	19.6	21.0	20.2	19.4	17.7	16.6	16.9	18.3	19.4	19.0	18.3
	4EC	21.8	22.7	24.2	23.4	22.5	20.7	19.3	19.8	21.1	22.6	22.1	21.2
	4ED	22.9	23.8	25.1	24.3	23.4	21.7	20.3	21.0	22.2	23.6	23.2	22.5
	4FA	20.6	21.3	22.8	22.1	21.3	19.7	18.6	19.0	20.3	21.4	21.0	20.2
	4FB	24.4	25.1	26.6	25.8	25.0	23.4	22.2	22.7	24.0	25.1	24.7	24.0
	4GA	25.6	26.4	27.8	27.1	26.3	24.6	23.5	24.1	25.3	26.3	26.0	25.4
	4GB	26.7	27.4	28.8	28.1	27.2	25.6	24.5	25.2	26.3	27.5	27.3	26.8
	4GC	27.7	28.1	29.4	28.9	27.9	26.4	25.4	26.4	27.5	28.9	28.8	28.5
	4GD	26.8	27.5	28.8	28.3	27.3	25.8	24.6	25.5	26.5	27.9	27.9	27.5
	4GE	26.5	27.2	28.5	27.8	26.9	25.3	24.0	24.6	25.8	27.1	26.9	26.7
	4GF	26.6	27.3	28.5	28.1	27.1	25.6	24.4	24.7	25.7	26.8	26.9	26.9
	4GG	27.0	27.5	28.8	29.3	28.0	26.9	25.6	25.2	26.0	26.8	27.1	27.4
	4HA	24.6	25.5	26.2	25.4	24.5	22.9	21.5	22.1	23.2	24.4	24.4	24.5
	4HB	26.9	27.7	28.6	28.2	27.2	25.7	24.4	24.5	25.5	26.6	26.7	27.2
	4HC	26.8	27.5	28.4	28.1	27.2	25.7	24.4	24.2	25.2	26.2	26.3	27.1
	4JA	27.6	27.5	28.9	29.1	27.9	26.6	25.5	26.0	27.4	28.6	28.4	28.1
	4JB	27.3	27.6	28.9	29.4	28.0	27.0	25.8	25.9	26.8	27.7	27.9	28.0
	4KA	27.3	27.5	28.9	29.3	27.9	26.9	25.7	26.0	26.9	27.9	28.0	28.1
	4KB	27.2	27.6	28.9	29.4	28.0	27.0	25.7	25.9	26.8	27.7	27.9	28.0
ENNCA	5AA	16.8	17.3	17.9	17.0	16.4	15.4	14.6	15.5	15.7	15.9	16.0	16.2
	5AB	17.0	17.6	18.3	17.2	16.6	15.7	14.8	15.7	16.0	16.3	16.4	16.6
	5AC	19.0	19.5	20.2	19.3	18.7	17.7	16.8	17.7	18.0	18.2	18.2	18.4
	5AD	18.9	19.4	20.2	19.2	18.6	17.6	16.7	17.5	18.0	18.3	18.4	18.5
	5BA	17.2	18.0	19.0	18.2	17.5	16.0	14.9	15.5	16.4	17.2	17.1	16.9
	5BB	15.6	16.3	17.2	16.2	15.6	14.2	13.2	14.0	14.7	15.3	15.3	15.3
	5BC-1	17.0	17.6	18.5	17.7	17.0	15.8	14.8	15.5	16.3	16.6	16.6	16.5
	5BC-2	19.2	19.7	20.7	19.9	19.3	18.1	17.2	17.8	18.5	18.8	18.8	18.7
	5BD	17.9	18.5	19.2	18.3	17.6	16.6	15.7	16.5	17.0	17.3	17.4	17.5
	5BE	15.6	16.2	17.3	16.6	15.9	14.5	13.5	14.2	15.1	15.5	15.3	15.1
	5CA	18.5	18.9	19.8	18.9	18.3	17.3	16.5	17.2	17.6	17.8	17.8	17.8
	5CB	20.6	21.0	22.1	21.4	20.7	19.4	18.6	19.1	19.8	20.4	20.3	20.2
	5CC	20.5	20.9	21.9	21.1	20.5	19.2	18.4	19.0	19.5	20.1	20.0	20.1
	5DA	19.9	20.6	21.9	21.2	20.4	18.9	17.8	18.3	19.5	20.4	20.1	19.4
	5DB	19.0	19.6	20.8	20.0	19.3	17.9	17.0	17.6	18.5	19.1	18.9	18.6
	5DC	19.2	19.7	20.7	19.9	19.2	18.0	17.1	17.8	18.5	18.9	18.9	18.7
	5DD	21.9	22.4	23.6	22.9	22.2	20.9	19.9	20.5	21.3	21.9	21.8	21.5
	5EA	27.7	27.5	28.9	28.2	27.4	26.0	25.1	25.5	27.1	28.0	27.3	27.1
	5EB	26.9	27.0	28.3	27.5	26.7	25.3	24.4	24.8	26.1	27.1	26.5	26.4
	5EC	25.6	25.9	27.1	26.2	25.6	24.0	23.1	23.6	24.5	25.3	25.0	25.1
	5ED	25.8	26.1	27.4	26.6	25.9	24.3	23.3	23.8	25.1	26.0	25.6	25.2
	5FA	27.7	27.8	29.1	28.5	27.6	26.0	25.1	25.8	27.2	28.4	28.0	27.5
	5FB	28.4	28.1	29.4	28.8	27.8	26.3	25.4	26.0	27.7	28.8	28.2	27.9
	5G	26.4	26.9	28.3	27.6	26.8	25.6	24.5	24.7	26.1	27.0	26.4	26.2
	5HA	27.6	28.7	30.3	29.5	28.7	27.8	26.6	26.8	28.0	28.7	28.1	27.7
	5HB	26.1	27.1	28.7	28.0	27.1	26.1	25.0	25.0	26.2	27.0	26.4	26.2
	5J	25.7	26.2	27.4	26.7	25.8	24.7	23.9	24.4	25.0	25.9	25.4	25.4

Monthly Temperature by Sub-basin

Year 2006 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.7	22.7	21.3	20.7	20.6	20.3	20.5	20.4	20.5	21.1	20.1	20.2
	1AB	18.7	19.7	18.4	17.8	17.8	17.4	17.5	17.4	17.5	18.1	17.2	17.2
	1AC	22.2	23.2	21.8	21.2	21.1	20.8	21.0	20.9	21.0	21.6	20.6	20.6
	1AD	23.8	24.8	23.4	22.7	22.6	22.4	22.5	22.5	22.5	23.2	22.1	22.2
	1AE	24.5	25.5	24.0	23.4	23.3	23.0	23.2	23.1	23.2	23.9	22.8	22.8
	1AF	23.8	24.8	23.3	22.7	22.6	22.3	22.5	22.5	22.5	23.2	22.1	22.2
	1AG	24.0	25.0	23.5	22.8	22.8	22.5	22.7	22.6	22.7	23.4	22.3	22.3
	1AH	24.3	25.3	23.9	23.2	23.1	22.8	23.0	23.0	23.1	23.8	22.6	22.6
	1BA	16.9	17.8	17.2	16.8	16.5	16.2	16.3	16.0	16.1	16.7	16.2	15.9
	1BB	17.7	18.8	18.0	17.5	17.3	17.0	17.1	16.9	16.9	17.4	16.9	16.7
	1BC	19.0	20.0	19.1	18.6	18.5	18.0	18.0	17.8	17.9	18.5	17.9	17.7
	1BD	19.5	20.4	19.5	19.0	18.8	18.6	18.7	18.5	18.4	19.0	18.5	18.2
	1BE	19.3	20.3	19.5	18.9	18.9	18.2	18.3	18.1	18.2	18.8	18.1	18.0
	1BG	19.4	20.3	19.4	18.8	18.8	18.2	18.3	18.1	18.2	18.7	18.1	18.0
	1BH	18.9	19.9	18.8	18.3	18.2	17.7	17.8	17.7	17.7	18.3	17.6	17.5
	1CA	18.2	19.1	18.2	17.9	17.6	17.5	17.6	17.5	17.3	17.9	17.5	17.1
	1CB	18.1	19.0	18.1	17.8	17.4	17.4	17.4	17.3	17.1	17.7	17.3	17.0
	1CC	17.5	18.4	17.4	17.1	16.7	16.6	16.6	16.5	16.4	17.0	16.6	16.3
	1CD	19.2	20.1	19.0	18.6	18.3	18.2	18.4	18.3	18.1	18.7	18.1	17.9
	1CE	20.6	21.5	20.4	19.9	19.7	19.4	19.6	19.5	19.4	19.9	19.3	19.2
	1DA	21.9	22.8	21.5	20.9	20.8	20.4	20.6	20.5	20.5	21.1	20.3	20.3
	1DB	19.2	20.1	18.9	18.3	18.2	17.8	18.0	17.9	17.9	18.5	17.7	17.6
	1DC	22.8	23.7	22.3	21.6	21.6	21.3	21.4	21.4	21.5	22.1	21.0	21.1
	1DD	23.2	24.2	22.8	22.1	22.0	21.7	21.9	21.9	22.0	22.6	21.5	21.6
	1EA	21.2	22.1	20.6	20.0	19.9	19.5	19.7	19.7	19.8	20.4	19.4	19.5
	1EB	22.9	23.8	22.2	21.5	21.5	21.1	21.2	21.2	21.3	22.0	20.8	21.0
	1EC	22.7	23.6	22.1	21.4	21.4	21.1	21.2	21.2	21.3	22.0	20.8	21.0
	1ED	23.6	24.7	23.1	22.4	22.3	22.0	22.2	22.2	22.3	23.0	21.8	21.9
	1EE	24.2	25.2	23.7	23.1	23.0	22.6	22.8	22.8	23.0	23.7	22.5	22.5
	1EF	24.4	25.4	24.0	23.3	23.2	22.8	23.0	23.0	23.3	24.1	22.6	22.7
	1EG	23.8	24.9	23.2	22.6	22.4	22.2	22.4	22.4	22.7	23.4	22.0	22.1
	1FA	17.1	18.0	17.0	16.7	16.3	16.1	16.3	16.1	16.1	16.6	16.1	15.9
	1FB	19.3	20.3	19.0	18.6	18.3	18.2	18.3	18.3	18.2	18.9	18.1	18.0
	1FC	19.7	20.7	19.4	19.0	18.7	18.5	18.6	18.7	18.6	19.3	18.5	18.3
	1FD	19.0	19.9	18.6	18.2	17.9	17.7	17.9	17.9	17.8	18.4	17.7	17.6
	1FE	21.8	22.9	21.3	20.7	20.5	20.2	20.5	20.5	20.6	21.3	20.1	20.2
	1FF	22.4	23.7	21.9	21.3	21.1	20.8	21.1	21.2	21.4	22.1	20.7	20.8
	1FG	24.1	25.4	23.6	23.0	22.8	22.5	22.8	22.8	23.1	23.8	22.3	22.5
LVSCA	1GA	17.4	18.5	17.4	17.0	16.6	16.4	16.5	16.5	16.6	17.1	16.5	16.4
	1GB	20.8	22.0	20.5	20.0	19.7	19.5	19.7	19.7	19.8	20.4	19.5	19.5
	1GC	17.7	18.7	17.9	17.3	16.9	16.6	16.7	16.6	16.9	17.1	16.4	16.6
	1GD	22.8	23.9	22.2	21.7	21.4	21.1	21.3	21.4	21.6	22.1	21.0	21.2
	1GE	22.8	23.7	21.9	21.4	21.1	20.9	21.1	21.1	21.4	21.9	20.7	21.0
	1GF	23.7	24.8	23.0	22.4	22.2	21.9	22.2	22.3	22.5	23.2	21.8	22.0
	1GG	17.9	19.0	18.1	17.6	17.1	16.9	17.1	16.9	17.1	17.4	16.8	16.9
	1HA1	22.2	23.5	21.8	21.1	20.9	20.7	21.0	21.1	21.3	22.1	20.6	20.7
	1HA2	24.5	25.9	24.1	23.5	23.3	23.0	23.3	23.4	23.7	24.4	22.9	23.0
	1HB1	24.2	25.6	23.7	23.1	22.9	22.6	22.9	23.0	23.3	24.1	22.5	22.6
	1HB2	23.6	25.2	23.3	22.7	22.4	22.1	22.5	22.6	22.9	23.8	22.1	22.1
	1HC	24.6	25.9	24.1	23.5	23.3	23.0	23.3	23.3	23.6	24.3	22.8	23.0
	1HD	23.2	24.3	22.4	21.9	21.7	21.5	21.7	21.7	22.1	22.8	21.2	21.5
	1HE	23.6	24.5	22.6	22.1	21.9	21.8	21.9	21.9	22.3	23.0	21.4	21.7
	1HF	24.1	25.2	23.4	22.8	22.6	22.4	22.6	22.7	23.0	23.7	22.2	22.4
	1HG	24.0	25.1	23.3	22.7	22.5	22.3	22.5	22.5	22.9	23.6	22.1	22.3
	1JA	17.2	18.2	17.2	16.7	16.3	16.0	15.9	15.9	16.4	16.7	15.9	16.1
	1JB	19.6	20.6	19.0	18.5	18.2	18.0	18.1	18.2	18.4	18.7	17.8	18.1
	1JC	18.6	19.5	18.1	17.6	17.2	17.0	17.1	17.1	17.4	17.6	16.8	17.1
	1JD	20.8	21.9	20.0	19.5	19.3	19.1	19.2	19.2	19.5	19.9	18.9	19.2
	1JE	19.7	20.7	19.1	18.7	18.4	18.1	18.1	18.0	18.7	19.5	18.1	18.4
	1JF	18.9	19.9	18.5	18.0	17.7	17.4	17.4	17.4	18.0	18.6	17.4	17.7
	1JG1	22.2	23.3	21.4	20.9	20.7	20.5	20.6	20.6	21.0	21.6	20.2	20.5
	1JG2	24.0	25.1	23.3	22.7	22.5	22.3	22.5	22.6	22.9	23.6	22.1	22.3
	1KA	22.8	23.7	21.7	21.3	21.1	21.0	20.9	20.8	21.5	22.3	20.6	20.9
	1KB	22.7	23.6	21.8	21.3	21.1	20.9	20.8	20.7	21.4	22.2	20.6	20.9
	1KC	21.6	22.5	20.9	20.5	20.2	19.8	19.8	19.7	20.5	21.4	19.9	20.1
	1LA1	17.2	18.2	17.4	16.8	16.4	16.0	16.0	16.0	16.7	17.2	16.2	16.4
	1LA2	20.7	21.9	20.4	20.0	19.7	19.2	19.2	19.1	20.0	20.9	19.4	19.7
	1LA3	19.1	20.0	19.3	18.5	18.0	17.1	16.6	17.0	17.9	19.4	18.2	18.4
	1LB1	17.4	18.2	17.5	17.0	16.6	16.1	16.0	16.0	16.9	17.4	16.5	16.6
	1LB2	19.5	20.3	19.3	18.8	18.4	17.8	17.4	17.6	18.6	19.6	18.4	18.6

Monthly Temperature by Sub-basin

Year 2006 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.2	28.1	28.4	27.5	28.1	26.5	25.8	25.8	26.7	26.9	26.7	26.5
	2AB	27.8	28.7	28.9	28.1	28.9	27.6	26.9	26.7	27.7	27.9	27.3	26.9
	2BA	19.4	20.5	19.5	19.0	18.9	18.6	18.6	18.5	18.4	19.0	18.4	18.3
	2BB	24.2	25.1	24.4	23.9	23.9	23.5	23.4	23.1	23.4	23.9	23.2	22.9
	2BC	22.6	23.5	22.6	22.1	22.1	21.6	21.6	21.4	21.6	22.1	21.4	21.2
	2BD	26.8	27.8	27.6	26.8	27.6	26.7	26.3	25.9	26.8	27.2	26.1	25.6
	2CA	28.2	29.1	29.2	28.5	29.5	28.3	27.7	27.4	28.4	28.7	27.7	27.2
	2CB	21.3	22.2	21.8	21.4	21.0	20.7	20.7	20.5	20.6	21.2	20.7	20.4
	2CC	25.9	26.8	26.7	26.2	26.5	25.6	25.2	25.0	25.6	26.1	25.6	25.1
	2D	24.0	24.9	24.9	24.4	24.3	23.6	23.4	23.2	23.4	24.0	23.9	23.6
	2EA	19.1	20.3	20.4	19.7	19.3	18.9	18.8	18.6	18.8	19.3	18.9	19.0
	2EB	18.7	19.8	20.0	19.2	18.8	18.4	18.3	18.2	18.3	18.8	18.6	18.6
	2EC	17.9	19.1	19.3	18.6	18.1	17.8	17.9	17.6	18.0	18.2	17.5	17.7
	2ED	16.5	17.6	17.3	16.7	16.2	16.0	15.9	15.8	16.1	16.4	15.8	15.8
	2EE	21.5	22.6	22.4	21.9	21.5	21.2	21.2	20.9	21.0	21.5	21.2	21.1
	2EF	18.7	19.9	19.9	19.3	18.8	18.4	18.4	18.2	18.5	18.8	18.2	18.3
	2EG1	15.1	16.2	16.1	15.4	14.9	14.7	14.7	14.5	14.9	15.1	14.4	14.6
	2EG2	21.1	22.2	22.3	21.6	21.2	20.8	20.8	20.5	20.8	21.2	20.7	20.8
	2EH	22.4	23.4	23.1	22.7	22.3	22.1	22.1	21.9	21.8	22.4	22.1	21.9
	2EJ	20.5	21.5	21.6	20.9	20.5	20.2	20.2	19.9	20.0	20.5	20.3	20.3
	2EK	18.8	19.9	20.0	19.3	18.8	18.4	18.3	18.2	18.3	18.8	18.5	18.6
	2FA	17.2	18.4	18.6	17.8	17.3	16.9	16.4	16.7	17.1	17.6	17.0	17.1
	2FB	17.7	18.9	19.1	18.3	17.8	17.5	17.5	17.3	17.8	18.0	17.3	17.5
	2FC	16.5	17.7	17.8	17.1	16.5	16.1	16.0	16.0	16.5	16.9	16.2	16.4
	2GA	16.6	17.7	18.0	17.2	16.7	16.3	15.6	16.0	16.4	16.9	16.4	16.5
	2GB	14.7	15.8	16.0	15.2	14.8	14.3	13.8	14.1	14.3	15.0	14.5	14.7
	2GC	13.9	15.0	15.1	14.3	13.8	13.1	12.3	12.9	13.3	14.2	13.6	13.8
	2GD	16.4	17.5	17.4	16.4	15.8	15.1	14.2	15.0	15.5	16.7	15.8	16.1
	2H-1	21.6	22.7	22.4	21.1	20.5	19.5	18.4	19.5	20.0	21.9	20.8	21.2
	2H-2	22.3	23.5	23.1	21.8	21.1	20.1	19.0	20.2	20.5	22.5	21.4	21.8
	2H-3	21.7	22.9	22.6	21.2	20.5	19.5	18.2	19.5	19.8	21.9	20.7	21.2
	2J	27.2	28.1	28.1	27.4	28.0	26.9	26.4	26.1	26.9	27.3	26.6	26.2
	2KA	17.2	18.0	17.8	17.2	16.6	15.7	15.3	15.7	16.6	17.7	16.8	16.9
	2KB	19.8	20.7	20.5	19.5	18.9	17.8	17.0	17.8	18.5	20.5	19.4	19.6
	2KC	23.0	24.0	23.7	22.6	22.0	20.9	20.0	20.9	21.5	23.5	22.4	22.7
ACA	3AA	19.8	21.0	20.7	19.3	18.6	17.7	16.4	17.7	18.1	20.1	18.9	19.4
	3AB	20.4	21.6	21.3	19.8	19.2	18.2	16.7	18.1	18.5	20.5	19.3	19.7
	3AC	21.1	22.3	22.0	20.5	19.8	18.9	17.5	18.9	19.3	21.3	20.1	20.4
	3BA	19.7	20.9	20.6	19.2	18.5	17.6	16.3	17.7	18.0	19.9	18.8	19.2
	3BB	19.8	21.0	20.6	19.2	18.6	17.7	16.4	17.8	18.1	20.0	18.9	19.3
	3BC	18.4	19.6	19.2	17.8	17.2	16.3	15.0	16.3	16.7	18.6	17.5	17.9
	3BD	19.3	20.5	20.1	18.7	18.1	17.2	15.9	17.3	17.6	19.5	18.4	18.8
	3CB	20.1	21.3	21.0	19.6	19.0	18.1	16.8	18.1	18.5	20.4	19.3	19.7
	3DA	22.4	23.6	23.3	21.8	21.2	20.3	18.7	20.1	20.6	22.5	21.3	21.7
	3DB	23.6	24.8	24.7	23.1	22.5	21.5	19.8	21.2	21.7	23.5	22.4	22.7
	3EA	20.9	22.1	21.8	20.3	19.7	18.8	17.0	18.3	18.9	20.8	19.6	19.9
	3EB	22.0	23.2	23.0	21.4	20.8	19.8	18.0	19.4	20.0	21.9	20.7	21.0
	3EC	21.8	23.0	22.8	21.3	20.6	19.6	17.8	19.2	19.7	21.5	20.4	20.7
	3ED	24.1	25.2	25.2	23.6	22.9	21.8	20.2	21.6	22.0	23.7	22.7	22.9
	3FA	22.9	24.0	24.0	22.4	21.7	20.6	19.0	20.3	20.7	22.4	21.5	21.7
	3FB	25.4	26.5	26.4	24.9	24.1	22.8	21.6	22.8	23.0	24.2	24.0	24.0
	3G	24.2	25.3	25.1	23.6	22.8	21.5	20.5	21.5	21.6	22.8	22.8	22.9
	3HA	26.7	27.7	27.3	26.0	25.1	23.9	23.1	23.8	23.8	24.6	25.2	25.5
	3HB	27.5	28.3	28.2	27.0	26.1	24.8	24.3	24.5	24.7	25.4	26.2	26.8
	3HC	27.5	28.2	28.4	27.3	26.2	25.0	24.6	24.6	24.9	25.6	26.4	27.1
	3HD1	27.4	28.1	28.3	27.2	26.1	24.9	24.5	24.5	24.9	25.5	26.3	27.1
	3HD2	27.9	28.6	28.8	27.8	26.7	25.4	25.1	25.1	25.3	26.0	26.7	27.5
	3J	24.4	25.4	25.1	23.7	22.7	21.6	20.8	21.5	21.6	22.6	23.0	23.4
	3K	27.6	28.4	28.2	27.0	26.2	24.8	24.3	24.4	24.7	25.5	26.4	27.2
	3LA	26.8	27.7	27.5	26.3	25.4	24.1	23.5	23.8	24.0	24.8	25.5	26.2
	3LB	27.6	28.3	28.4	27.4	26.3	25.1	24.7	24.7	25.0	25.6	26.5	27.3
	3MA-1	25.1	26.0	25.7	24.4	23.6	22.3	21.6	22.1	22.2	23.0	23.7	24.2
	3MA-2	26.5	27.3	27.1	25.9	25.1	23.7	23.2	23.4	23.6	24.3	25.2	25.9
	3MB	27.1	27.9	27.7	26.6	25.8	24.4	23.8	23.9	24.3	25.0	26.0	26.8
	3MC	27.0	27.8	27.6	26.4	25.7	24.2	23.7	23.8	24.2	24.9	25.9	26.7
	3MD1	27.3	28.0	28.0	26.8	26.0	24.6	24.1	24.1	24.5	25.4	26.2	27.1
	3MD2	27.7	28.4	28.3	27.1	26.4	24.9	24.4	24.4	24.9	25.7	26.7	27.6
	3N	22.1	23.2	23.1	21.5	21.0	19.7	18.2	19.6	19.9	21.7	20.8	21.0

Monthly Temperature by Sub-basin

Year 2006 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.1	16.2	16.7	15.8	15.3	14.6	13.7	14.4	14.8	15.9	15.3	15.1
	4AB	16.0	17.0	17.4	16.6	16.1	15.4	14.4	15.2	15.5	16.6	16.1	16.0
	4AC	15.8	16.8	17.2	16.3	15.8	15.1	14.0	14.8	15.2	16.4	15.8	15.7
	4AD	16.0	17.0	17.4	16.5	16.0	15.2	14.0	15.0	15.4	16.6	16.0	15.9
	4BA	20.3	21.3	21.7	20.8	20.2	19.4	18.0	19.2	19.7	21.1	20.3	20.2
	4BB	17.0	18.1	18.6	17.8	17.2	16.4	15.3	16.2	16.7	17.9	17.2	17.0
	4BC	19.9	21.0	21.6	20.7	20.1	19.3	18.1	19.1	19.6	20.9	20.2	19.9
	4BD	18.3	19.4	19.6	18.6	18.0	17.1	15.7	16.9	17.5	19.0	18.1	18.1
	4BE	19.6	20.7	20.9	19.9	19.3	18.4	17.0	18.2	18.8	20.3	19.4	19.4
	4BF	21.6	22.7	22.9	21.7	21.1	20.2	18.8	20.1	20.6	22.3	21.2	21.4
	4BG	22.6	23.7	24.0	22.9	22.3	21.3	19.9	21.1	21.7	23.4	22.4	22.4
	4CA	16.4	17.6	17.4	16.1	15.6	14.6	13.3	14.6	15.0	16.8	15.7	16.1
	4CB	18.5	19.6	19.4	18.2	17.6	16.7	15.4	16.6	17.1	18.8	17.8	18.1
	4CC	22.1	23.2	23.2	21.9	21.3	20.4	18.9	20.2	20.7	22.5	21.4	21.6
	4DA	19.5	20.6	21.2	20.3	19.7	18.8	17.6	18.6	19.2	20.5	19.8	19.5
	4DB	17.5	18.6	19.3	18.4	17.8	17.0	15.8	16.7	17.3	18.5	17.8	17.5
	4DC	16.9	18.0	18.7	17.8	17.2	16.4	15.2	16.1	16.7	17.9	17.3	16.9
	4DD	22.0	23.1	23.8	22.9	22.3	21.3	20.0	21.0	21.7	23.1	22.3	22.0
	4DE	23.0	24.1	24.3	23.1	22.5	21.6	19.9	21.2	21.8	23.5	22.5	22.5
	4EA	19.6	20.8	21.5	20.6	20.0	19.2	18.7	19.1	19.7	20.7	20.0	19.8
	4EB	18.6	19.7	20.4	19.5	18.9	18.1	17.3	17.9	18.5	19.6	18.9	18.6
	4EC	21.6	22.7	23.5	22.6	22.0	21.1	20.0	20.9	21.5	22.7	22.0	21.7
	4ED	23.1	24.2	24.7	23.7	23.1	22.1	20.7	21.8	22.5	23.9	23.0	22.9
	4FA	20.4	21.6	22.3	21.4	20.8	20.0	19.7	19.9	20.6	21.5	20.8	20.6
	4FB	24.2	25.3	26.0	25.1	24.5	23.7	23.2	23.6	24.2	25.2	24.5	24.3
	4GA	25.7	26.7	27.5	26.5	25.9	25.0	24.5	24.8	25.4	26.3	25.7	25.5
	4GB	27.1	28.1	28.9	27.9	27.2	26.2	25.5	25.8	26.4	27.4	26.8	26.5
	4GC	28.8	29.8	30.7	29.5	28.7	27.5	26.6	27.0	27.5	28.4	27.9	27.6
	4GD	27.8	28.9	29.6	28.5	27.6	26.5	25.5	26.0	26.6	27.7	27.1	26.9
	4GE	27.1	28.1	28.7	27.6	26.7	25.6	24.4	25.2	25.8	27.1	26.4	26.3
	4GF	27.4	28.4	28.7	27.5	26.5	25.4	24.3	25.0	25.5	26.8	26.3	26.4
	4GG	27.7	28.6	28.8	27.9	26.8	25.4	25.1	25.2	25.3	26.1	26.7	27.3
	4HA	25.1	26.2	26.2	24.7	24.0	22.8	21.4	22.7	23.0	24.6	23.9	24.0
	4HB	27.5	28.5	28.6	27.3	26.3	25.1	24.3	24.9	25.2	26.4	26.3	26.5
	4HC	27.4	28.3	28.2	27.0	25.8	24.8	24.1	24.6	24.8	25.5	26.0	26.5
	4JA	28.5	29.9	30.5	29.3	28.6	27.4	26.4	26.9	27.4	28.3	27.8	27.7
	4JB	28.3	29.5	29.7	28.8	27.6	26.4	25.8	26.0	26.5	27.2	27.4	27.7
	4KA	28.4	29.5	29.9	28.9	27.9	26.6	25.9	26.2	26.6	27.5	27.5	27.7
	4KB	28.3	29.4	29.8	28.8	27.7	26.4	25.8	26.0	26.4	27.3	27.4	27.6
ENNCA	5AA	16.2	17.3	17.5	16.7	16.3	15.9	15.5	15.6	15.6	16.3	16.2	16.3
	5AB	16.6	17.6	17.8	17.0	16.5	16.2	15.7	15.9	15.9	16.7	16.6	16.6
	5AC	18.4	19.5	19.7	18.9	18.4	18.2	17.8	17.9	17.9	18.6	18.4	18.4
	5AD	18.5	19.5	19.7	18.9	18.4	18.0	17.8	17.9	17.8	18.7	18.5	18.5
	5BA	16.9	17.9	18.3	17.5	17.0	16.5	15.5	16.2	16.3	17.4	17.1	17.0
	5BB	15.3	16.3	16.6	15.7	15.2	14.8	14.1	14.6	14.7	15.6	15.3	15.3
	5BC-1	16.6	17.6	17.9	17.0	16.5	16.2	15.7	16.1	16.1	17.0	16.7	16.6
	5BC-2	18.8	19.8	20.1	19.2	18.7	18.4	18.1	18.3	18.2	19.1	19.0	18.8
	5BD	17.5	18.5	18.7	17.9	17.4	17.1	16.7	16.9	16.8	17.7	17.5	17.5
	5BE	15.2	16.3	16.7	15.8	15.3	14.9	14.5	14.8	14.9	15.8	15.5	15.3
	5CA	17.9	18.9	19.2	18.4	17.9	17.6	17.8	17.4	17.4	18.1	17.9	17.9
	5CB	20.2	21.2	21.7	21.0	20.5	19.7	19.6	19.5	19.7	20.5	20.6	20.5
	5CC	20.1	21.0	21.6	21.2	20.7	19.5	19.7	19.3	19.4	20.2	20.8	20.6
	5DA	19.6	20.7	21.4	20.5	19.9	19.2	19.1	19.1	19.6	20.6	20.0	19.7
	5DB	18.7	19.7	20.2	19.3	18.8	18.3	18.0	18.2	18.4	19.3	18.9	18.8
	5DC	18.8	19.8	20.2	19.3	18.8	18.4	18.3	18.2	18.3	19.2	19.0	18.9
	5DD	21.6	22.6	23.1	22.2	21.7	21.2	20.8	21.0	21.2	22.1	21.9	21.7
	5EA	28.4	29.6	30.0	28.3	28.3	27.1	26.0	26.5	27.0	27.1	26.6	26.7
	5EB	27.5	28.7	29.1	27.4	27.1	26.0	25.0	25.5	26.1	26.2	26.0	26.1
	5EC	25.5	26.4	27.2	26.2	25.8	24.4	23.8	24.0	24.5	25.0	25.3	25.3
	5ED	25.6	26.7	27.5	26.6	26.1	25.0	24.4	24.7	25.2	25.9	25.6	25.5
	5FA	27.9	29.3	30.1	28.9	28.3	27.2	26.3	26.7	27.4	28.2	27.5	27.3
	5FB	28.5	29.9	30.7	29.4	29.0	27.8	26.8	27.3	27.8	28.4	27.9	27.8
	5G	27.5	28.4	28.7	27.2	27.1	25.9	24.8	25.4	26.0	25.8	25.5	25.6
	5HA	28.8	29.7	30.0	28.8	29.1	27.9	26.7	27.4	28.0	27.5	26.8	27.0
	5HB	27.3	28.2	28.5	27.2	27.2	26.0	24.9	25.5	26.1	25.7	25.3	25.5
	5J	26.0	27.0	27.5	26.5	26.7	25.0	24.2	24.4	25.1	25.4	25.6	25.4

Monthly Temperature by Sub-basin

Year 2007 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.4	20.6	21.1	21.4	20.9	19.8	19.3	19.7	20.0	20.3	20.5	20.5
	1AB	17.5	17.7	18.1	18.4	18.0	16.9	16.3	16.8	17.1	17.3	17.5	17.5
	1AC	20.9	21.1	21.6	21.9	21.4	20.3	19.8	20.2	20.5	20.8	21.0	21.0
	1AD	22.5	22.7	23.1	23.4	22.9	21.9	21.3	21.8	22.1	22.4	22.6	22.6
	1AE	23.2	23.3	23.8	24.0	23.5	22.5	22.0	22.4	22.7	23.1	23.3	23.2
	1AF	22.5	22.7	23.1	23.4	22.9	21.9	21.3	21.8	22.1	22.4	22.6	22.6
	1AG	22.7	22.8	23.3	23.6	23.0	22.0	21.5	21.9	22.2	22.6	22.8	22.8
	1AH	23.1	23.2	23.7	23.9	23.4	22.4	21.9	22.3	22.6	23.0	23.2	23.1
	1BA	16.2	16.4	16.9	17.2	16.7	15.7	15.0	15.5	15.8	15.9	16.1	16.0
	1BB	16.9	17.2	17.6	17.9	17.5	16.4	15.8	16.3	16.5	16.6	16.9	16.9
	1BC	17.9	18.2	18.7	19.0	18.6	17.5	16.9	17.3	17.6	17.6	17.9	17.9
	1BD	18.5	18.7	19.2	19.5	19.0	18.0	17.3	17.8	18.0	18.1	18.5	18.5
	1BE	18.3	18.6	19.0	19.3	18.9	17.8	17.2	17.6	17.9	17.9	18.2	18.2
	1BG	18.2	18.5	19.0	19.3	18.9	17.8	17.2	17.6	17.9	17.9	18.2	18.2
	1BH	17.8	18.0	18.5	18.8	18.3	17.2	16.6	17.1	17.4	17.4	17.8	17.8
	1CA	17.3	17.5	18.1	18.3	17.9	16.9	16.1	16.7	16.9	17.0	17.3	17.2
	1CB	17.1	17.4	17.9	18.1	17.7	16.7	16.0	16.5	16.7	16.9	17.1	17.0
	1CC	16.5	16.7	17.2	17.4	17.0	16.0	15.3	15.8	16.0	16.2	16.4	16.3
	1CD	18.1	18.4	18.9	19.1	18.6	17.6	16.9	17.5	17.7	17.9	18.2	18.2
	1CE	19.4	19.7	20.2	20.4	19.9	18.9	18.3	18.7	19.0	19.1	19.5	19.5
	1DA	20.6	20.8	21.3	21.5	21.0	20.0	19.4	19.8	20.1	20.3	20.7	20.7
	1DB	17.9	18.2	18.6	18.9	18.4	17.4	16.8	17.2	17.5	17.7	18.0	18.0
	1DC	21.5	21.6	22.1	22.4	21.8	20.8	20.3	20.7	21.0	21.3	21.6	21.6
	1DD	22.0	22.1	22.6	22.8	22.3	21.3	20.7	21.2	21.5	21.8	22.1	22.0
	1EA	19.9	20.0	20.5	20.7	20.1	19.2	18.6	19.0	19.3	19.7	20.0	19.9
	1EB	21.5	21.6	22.2	22.3	21.7	20.7	20.2	20.6	20.9	21.3	21.7	21.6
	1EC	21.4	21.5	22.0	22.2	21.6	20.6	20.1	20.5	20.8	21.2	21.5	21.5
	1ED	22.3	22.4	22.9	23.2	22.6	21.6	21.1	21.5	21.8	22.2	22.5	22.4
	1EE	23.0	23.1	23.6	23.8	23.2	22.2	21.7	22.2	22.5	22.9	23.1	23.0
	1EF	23.3	23.5	23.8	24.1	23.5	22.5	22.1	22.5	22.9	23.3	23.4	23.3
	1EG	22.6	22.7	23.2	23.3	22.8	21.8	21.3	21.8	22.1	22.6	22.7	22.7
	1FA	16.1	16.4	16.8	17.0	16.6	15.6	14.9	15.4	15.6	15.8	16.1	16.1
	1FB	18.2	18.4	18.9	19.1	18.6	17.7	17.0	17.5	17.8	18.1	18.4	18.2
	1FC	18.6	18.8	19.3	19.5	19.0	18.0	17.4	17.9	18.2	18.5	18.8	18.6
	1FD	17.8	18.1	18.5	18.7	18.2	17.3	16.7	17.1	17.4	17.6	18.0	17.9
	1FE	20.6	20.7	21.2	21.4	20.8	19.9	19.4	19.8	20.1	20.6	20.8	20.7
	1FF	21.3	21.4	21.8	22.0	21.4	20.5	20.0	20.5	20.8	21.4	21.5	21.3
	1FG	23.1	23.3	23.5	23.7	23.1	22.1	21.6	22.1	22.5	23.1	23.1	23.1
LVSCA	1GA	16.6	16.9	17.1	17.3	16.9	16.0	15.3	15.8	16.1	16.3	16.5	16.5
	1GB	19.8	20.0	20.2	20.5	20.0	19.1	18.5	19.0	19.3	19.7	19.9	19.8
	1GC	16.8	17.3	17.3	17.4	17.2	16.3	15.6	16.0	16.3	16.2	16.4	16.8
	1GD	21.7	21.9	22.0	22.3	21.8	20.8	20.3	20.8	21.1	21.5	21.6	21.6
	1GE	21.5	21.7	21.9	22.0	21.6	20.6	20.2	20.6	21.0	21.3	21.4	21.4
	1GF	22.5	22.8	23.0	23.1	22.6	21.6	21.2	21.6	22.0	22.5	22.5	22.5
	1GG	17.1	17.5	17.5	17.7	17.4	16.5	15.8	16.2	16.5	16.6	16.8	17.1
	1HA1	21.1	21.2	21.5	21.8	21.3	20.4	19.9	20.4	20.7	21.3	21.3	21.1
	1HA2	23.5	23.7	23.9	24.1	23.6	22.7	22.2	22.7	23.0	23.6	23.6	23.5
	1HB1	23.2	23.4	23.6	23.8	23.2	22.3	21.8	22.3	22.7	23.3	23.3	23.2
	1HB2	22.6	22.8	23.0	23.3	22.8	21.9	21.4	21.9	22.2	22.9	22.9	22.6
	1HC	23.6	23.8	24.1	24.2	23.6	22.6	22.2	22.6	23.0	23.6	23.6	23.6
	1HD	22.1	22.4	22.6	22.6	22.1	21.1	20.6	21.1	21.6	22.0	22.0	22.0
	1HE	22.4	22.7	23.0	22.8	22.4	21.3	20.9	21.3	21.8	22.3	22.2	22.3
	1HF	23.0	23.3	23.5	23.5	23.0	22.0	21.6	22.0	22.4	22.9	23.0	23.0
	1HG	22.9	23.1	23.4	23.4	22.9	21.9	21.4	21.9	22.3	22.8	22.9	22.9
	1JA	16.4	16.8	16.8	16.8	16.5	15.5	14.8	15.2	15.7	15.8	16.0	16.4
	1JB	18.6	18.9	18.9	19.0	18.7	17.7	17.2	17.5	18.0	18.1	18.3	18.5
	1JC	17.5	17.8	17.8	17.9	17.7	16.7	16.2	16.5	17.0	16.9	17.1	17.5
	1JD	19.7	20.0	20.0	20.1	19.6	18.6	18.2	18.6	19.0	19.3	19.5	19.6
	1JE	18.9	19.1	19.2	19.2	18.8	17.7	17.1	17.6	18.2	18.6	18.6	18.7
	1JF	18.1	18.4	18.4	18.4	18.0	17.0	16.4	16.8	17.4	17.6	17.7	18.0
	1JG1	21.1	21.4	21.5	21.5	21.1	20.0	19.6	20.0	20.5	20.9	21.0	21.0
	1JG2	22.9	23.1	23.3	23.4	22.9	21.9	21.5	21.9	22.3	22.8	22.8	22.8
	1KA	21.6	22.0	22.3	22.1	21.6	20.5	20.1	20.5	21.1	21.5	21.4	21.5
	1KB	21.6	21.9	22.1	22.0	21.5	20.4	19.9	20.4	20.9	21.4	21.4	21.5
	1KC	20.7	20.9	21.1	21.1	20.6	19.5	18.9	19.4	20.0	20.4	20.4	20.5
	1LA1	16.6	17.0	17.0	17.0	16.7	15.7	15.0	15.4	15.9	16.0	16.1	16.6
	1LA2	20.2	20.4	20.4	20.5	20.0	18.9	18.3	18.8	19.4	19.9	19.8	19.9
	1LA3	18.7	19.0	19.1	19.0	18.3	17.2	16.2	16.8	17.6	18.3	18.2	18.3
	1LB1	16.8	17.1	17.2	17.2	16.9	15.9	15.1	15.6	16.1	16.1	16.2	16.7
	1LB2	18.9	19.1	19.2	19.2	18.7	17.6	16.8	17.3	18.0	18.4	18.4	18.6

Monthly Temperature by Sub-basin

Year 2007 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.8	28.3	28.3	28.1	28.0	26.3	26.1	26.4	26.8	25.0	26.3	26.4
	2AB	27.4	28.7	28.8	28.7	28.7	26.8	26.7	27.0	27.4	25.5	27.2	27.1
	2BA	18.5	18.7	19.2	19.5	19.1	18.0	17.4	17.8	18.1	18.1	18.5	18.5
	2BB	23.2	23.6	24.0	24.3	24.0	22.7	22.2	22.6	22.9	22.6	23.3	23.1
	2BC	21.5	21.8	22.3	22.5	22.2	21.0	20.4	20.9	21.1	20.9	21.5	21.4
	2BD	26.2	27.0	27.2	27.3	27.4	25.5	25.4	25.7	26.1	24.7	26.5	25.9
	2CA	27.8	28.8	29.0	29.0	29.2	27.2	27.2	27.4	27.7	25.9	28.0	27.4
	2CB	20.6	20.9	21.3	21.6	21.2	20.3	19.6	20.0	20.3	20.2	20.4	20.3
	2CC	25.4	26.1	26.4	26.6	26.5	25.0	24.6	25.0	25.2	24.4	25.4	25.0
	2D	23.6	24.2	24.5	24.7	24.4	23.5	22.8	23.1	23.4	22.9	23.4	23.2
	2EA	18.9	19.4	19.5	19.6	19.4	18.8	18.0	18.1	18.5	18.0	18.4	18.6
	2EB	18.5	19.0	19.0	19.1	19.0	18.5	17.5	17.7	18.1	17.6	18.0	18.2
	2EC	17.7	18.3	18.3	18.4	18.3	17.6	16.8	17.0	17.4	16.8	17.0	17.9
	2ED	15.9	16.4	16.5	16.7	16.4	15.6	14.8	15.2	15.5	15.2	15.4	15.8
	2EE	21.0	21.5	21.7	21.9	21.7	20.9	20.1	20.4	20.7	20.4	20.6	21.0
	2EF	18.3	18.9	18.9	19.0	18.9	18.2	17.4	17.6	18.0	17.5	17.8	18.3
	2EG1	14.7	15.2	15.2	15.3	15.2	14.4	13.6	13.8	14.2	13.8	14.0	14.7
	2EG2	20.7	21.2	21.3	21.4	21.3	20.6	19.8	20.0	20.4	19.9	20.2	20.7
	2EH	21.8	22.2	22.5	22.7	22.5	21.7	20.8	21.2	21.5	21.3	21.6	21.8
	2EJ	20.1	20.6	20.8	20.8	20.7	20.1	19.2	19.4	19.8	19.5	19.8	19.9
	2EK	18.4	19.0	19.0	19.1	19.0	18.4	17.5	17.7	18.1	17.6	18.0	18.0
	2FA	17.1	17.6	17.6	17.7	17.5	16.8	16.0	16.1	16.6	16.1	16.4	16.7
	2FB	17.6	18.1	18.1	18.2	18.1	17.3	16.6	16.7	17.2	16.5	16.8	17.5
	2FC	16.4	16.9	16.9	16.9	16.8	16.0	15.2	15.5	15.9	15.4	15.6	16.3
	2GA	16.4	17.0	17.0	17.1	17.0	16.2	15.3	15.4	16.0	15.6	15.9	16.0
	2GB	14.5	15.1	15.1	15.1	15.0	14.3	13.4	13.5	14.1	13.8	14.0	14.1
	2GC	13.6	14.2	14.3	14.3	14.1	13.1	12.1	12.2	13.0	13.2	13.2	13.1
	2GD	16.2	16.7	16.7	16.7	16.2	15.1	14.1	14.4	15.2	15.6	15.7	15.7
	2H-1	21.3	21.9	22.1	21.8	20.8	19.6	18.3	18.8	19.9	21.1	21.0	20.9
	2H-2	22.0	22.6	22.9	22.5	21.5	20.3	18.8	19.3	20.4	21.9	21.8	21.6
	2H-3	21.2	21.9	22.3	21.9	20.9	19.6	18.2	18.7	19.8	21.2	21.1	20.9
	2J	26.7	27.7	27.9	27.9	27.8	26.1	25.9	26.2	26.6	25.2	26.6	26.4
	2KA	17.0	17.2	17.3	17.3	16.9	15.8	14.8	15.5	16.1	16.3	16.3	16.6
	2KB	19.6	20.0	20.1	20.0	19.2	18.0	16.9	17.5	18.4	19.2	19.2	19.1
	2KC	22.7	23.2	23.3	23.2	22.3	21.1	19.8	20.3	21.3	22.4	22.3	22.3
ACA	3AA	19.5	20.2	20.5	20.0	19.0	17.8	16.4	16.7	17.8	19.4	19.3	19.1
	3AB	19.6	20.5	20.9	20.4	19.3	18.0	16.6	17.1	18.3	19.9	19.7	19.4
	3AC	20.3	21.1	21.6	21.1	20.1	18.7	17.3	17.8	19.0	20.6	20.4	20.0
	3BA	19.3	20.1	20.3	19.9	18.9	17.7	16.2	16.5	17.7	19.3	19.2	19.0
	3BB	19.4	20.2	20.4	19.9	19.0	17.7	16.3	16.6	17.8	19.4	19.3	19.1
	3BC	17.9	18.7	18.8	18.4	17.5	16.3	14.9	15.2	16.4	17.9	17.8	17.6
	3BD	18.6	19.4	19.6	19.3	18.4	17.2	15.8	16.1	17.3	18.8	18.6	18.3
	3CB	19.3	20.1	20.3	20.0	19.2	18.0	16.6	16.9	18.2	19.7	19.4	19.0
	3DA	21.2	22.1	22.6	22.2	21.3	19.9	18.6	19.1	20.3	21.8	21.4	21.1
	3DB	22.2	23.3	23.8	23.5	22.5	21.0	19.8	20.4	21.5	22.9	22.5	22.1
	3EA	19.6	20.5	21.0	20.7	19.6	18.1	16.9	17.5	18.7	20.2	19.8	19.4
	3EB	20.6	21.6	22.1	21.7	20.7	19.2	18.0	18.6	19.8	21.3	20.8	20.5
	3EC	20.4	21.6	22.1	21.7	20.5	19.0	17.8	18.5	19.6	21.1	20.7	20.3
	3ED	22.4	23.6	24.2	24.0	22.9	21.4	20.2	20.8	22.0	23.2	22.9	22.4
	3FA	21.5	22.8	23.3	23.0	21.8	20.3	19.0	19.7	20.8	22.2	21.9	21.5
	3FB	23.8	25.6	26.0	25.8	24.4	22.9	21.8	22.3	23.5	24.5	24.6	23.9
	3G	22.7	24.3	24.8	24.6	23.1	21.6	20.7	21.1	22.2	23.2	23.5	22.7
	3HA	25.4	26.9	27.4	27.1	25.5	24.1	23.3	23.5	24.5	25.3	26.0	24.9
	3HB	26.6	27.9	28.5	27.9	26.3	25.2	24.5	24.6	25.3	25.8	26.6	26.2
	3HC	26.9	27.8	28.7	28.0	26.5	25.5	24.8	24.9	25.4	25.8	26.5	26.8
	3HD1	26.9	27.6	28.6	27.9	26.5	25.4	24.7	24.8	25.3	25.6	26.4	26.8
	3HD2	27.3	28.1	29.0	28.3	26.9	26.1	25.4	25.4	25.9	26.2	26.9	27.3
	3J	23.2	24.6	25.2	24.8	23.2	21.8	21.0	21.3	22.2	23.0	23.6	22.8
	3K	26.9	27.9	28.7	27.8	26.3	25.1	24.4	24.5	25.1	25.6	26.5	26.5
	3LA	25.9	27.2	27.8	27.2	25.7	24.4	23.7	23.8	24.5	25.1	25.9	25.5
	3LB	27.0	27.7	28.6	28.0	26.6	25.6	24.9	24.9	25.4	25.8	26.5	27.0
	3MA-1	24.0	25.4	26.0	25.5	23.8	22.5	21.8	21.9	22.8	23.5	24.3	23.5
	3MA-2	25.7	26.8	27.5	26.8	25.1	24.0	23.3	23.4	24.1	24.7	25.5	25.2
	3MB	26.5	27.4	28.2	27.3	25.8	24.6	23.9	24.1	24.6	25.2	26.0	26.1
	3MC	26.4	27.3	28.1	27.1	25.7	24.5	23.8	23.9	24.5	25.0	25.9	26.0
	3MD1	26.8	27.5	28.3	27.4	26.1	24.9	24.2	24.3	24.8	25.3	26.1	26.5
	3MD2	27.3	27.9	28.7	27.7	26.4	25.1	24.4	24.6	25.1	25.6	26.4	26.9
	3N	20.9	22.1	22.6	22.2	21.0	19.6	18.4	19.0	20.1	21.4	21.3	20.8

Monthly Temperature by Sub-basin

Year 2007 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.8	16.1	16.2	16.0	15.6	14.4	13.5	13.7	14.7	15.5	15.0	14.4
	4AB	15.6	16.6	16.7	16.6	16.3	15.3	14.3	14.4	15.4	15.9	15.6	15.1
	4AC	15.3	16.2	16.3	16.3	16.1	14.9	13.8	13.9	15.0	15.7	15.2	14.8
	4AD	15.5	16.5	16.6	16.5	16.2	15.0	13.9	14.1	15.2	16.0	15.5	15.0
	4BA	19.8	20.9	21.1	20.9	20.5	19.1	18.0	18.2	19.4	20.5	19.9	19.3
	4BB	16.7	18.0	18.2	18.0	17.5	16.2	15.2	15.4	16.6	17.5	16.9	16.3
	4BC	19.8	21.1	21.3	21.0	20.5	19.1	18.1	18.3	19.5	20.6	19.9	19.4
	4BD	17.8	18.8	19.0	18.8	18.3	16.9	15.7	15.9	17.2	18.4	17.8	17.4
	4BE	19.2	20.2	20.3	20.1	19.6	18.2	16.9	17.2	18.4	19.7	19.2	18.8
	4BF	21.0	22.0	22.2	21.9	21.3	20.0	18.7	18.9	20.3	21.6	21.1	20.7
	4BG	21.9	23.1	23.4	23.1	22.5	21.1	19.8	20.1	21.4	22.8	22.2	21.7
	4CA	15.7	16.5	16.7	16.5	15.8	14.5	13.3	13.5	14.7	16.0	15.7	15.4
	4CB	17.7	18.5	18.7	18.5	17.9	16.6	15.3	15.5	16.8	18.1	17.7	17.4
	4CC	21.2	22.2	22.5	22.2	21.4	20.0	18.8	19.1	20.4	21.9	21.4	21.0
	4DA	19.2	20.7	20.9	20.6	20.0	18.7	17.6	17.9	19.1	20.2	19.5	18.9
	4DB	17.3	18.9	19.1	18.7	18.1	16.7	15.8	16.0	17.3	18.3	17.6	17.0
	4DC	16.6	18.4	18.5	18.2	17.5	16.1	15.2	15.5	16.7	17.8	17.0	16.4
	4DD	21.7	23.3	23.5	23.2	22.5	21.1	20.1	20.4	21.6	22.8	22.0	21.5
	4DE	22.0	23.3	23.7	23.4	22.6	21.1	20.0	20.4	21.6	23.0	22.3	21.9
	4EA	19.5	21.1	21.2	20.8	20.3	19.1	18.3	18.6	19.7	20.6	19.9	19.2
	4EB	18.4	20.0	20.1	19.8	19.2	17.9	17.1	17.4	18.5	19.4	18.7	18.1
	4EC	21.4	23.1	23.2	22.9	22.2	20.8	19.9	20.2	21.4	22.6	21.8	21.2
	4ED	22.6	24.0	24.2	23.9	23.2	21.8	20.8	21.2	22.4	23.6	22.9	22.4
	4FA	20.3	21.8	22.0	21.6	21.0	19.9	19.2	19.5	20.6	21.4	20.7	20.1
	4FB	24.1	25.6	25.7	25.4	24.8	23.6	22.8	23.1	24.2	25.1	24.4	23.8
	4GA	25.4	27.0	27.3	27.0	26.1	24.9	24.2	24.5	25.5	26.3	25.7	25.1
	4GB	26.7	28.4	28.7	28.5	27.3	26.0	25.4	25.7	26.5	27.5	26.8	26.3
	4GC	28.2	30.0	30.5	30.4	28.9	27.3	26.9	27.1	27.7	28.7	28.0	27.7
	4GD	27.3	28.9	29.5	29.4	27.9	26.4	25.8	26.0	26.8	27.8	27.2	26.8
	4GE	26.4	28.0	28.6	28.4	27.0	25.5	24.8	25.1	26.0	27.0	26.6	26.1
	4GF	26.5	27.9	28.6	28.3	26.9	25.4	24.6	24.9	25.7	26.6	26.5	26.2
	4GG	27.3	28.1	29.1	28.4	27.0	26.0	25.4	25.4	25.9	26.3	26.9	27.0
	4HA	23.6	25.1	25.5	25.3	24.2	22.7	21.5	22.1	23.2	24.4	24.2	23.6
	4HB	26.4	27.9	28.6	28.2	26.9	25.4	24.5	24.8	25.7	26.5	26.8	26.3
	4HC	26.3	27.6	28.3	27.9	26.4	25.2	24.4	24.5	25.4	26.0	26.6	26.1
	4JA	28.3	29.8	30.0	29.9	28.8	27.4	26.9	27.0	27.6	28.3	27.9	27.9
	4JB	27.9	28.9	29.7	29.4	28.1	26.7	26.2	26.2	26.7	27.3	27.5	27.5
	4KA	28.0	29.1	29.8	29.6	28.2	26.9	26.4	26.4	26.9	27.6	27.6	27.6
	4KB	27.9	28.9	29.8	29.6	28.0	26.8	26.2	26.3	26.7	27.4	27.5	27.5
ENNCA	5AA	16.0	16.6	16.6	16.6	16.4	16.1	15.0	15.2	15.6	15.2	15.7	15.7
	5AB	16.3	17.0	17.0	16.9	16.7	16.3	15.2	15.4	15.9	15.8	16.1	15.9
	5AC	18.2	18.9	18.9	18.8	18.6	18.2	17.2	17.4	17.9	17.7	18.0	17.8
	5AD	18.2	19.0	19.0	18.9	18.6	18.1	17.1	17.3	17.9	18.0	18.1	17.8
	5BA	16.6	17.6	17.7	17.6	17.2	16.3	15.3	15.5	16.4	16.8	16.6	16.1
	5BB	14.9	15.8	15.8	15.8	15.5	14.7	13.7	13.9	14.6	14.9	14.8	14.5
	5BC-1	16.2	17.3	17.4	17.1	16.8	16.1	15.2	15.4	16.2	16.5	16.3	15.9
	5BC-2	18.4	19.5	19.5	19.3	18.9	18.4	17.5	17.7	18.4	18.7	18.6	18.1
	5BD	17.2	18.0	18.0	17.9	17.6	17.1	16.1	16.3	16.9	16.9	17.1	16.8
	5BE	14.9	16.2	16.3	15.9	15.5	14.8	13.9	14.2	15.0	15.5	15.2	14.6
	5CA	17.6	18.4	18.5	18.4	18.1	17.6	16.7	16.9	17.5	17.4	17.5	17.3
	5CB	20.0	21.2	21.3	21.1	20.7	20.0	19.1	19.3	20.1	20.2	20.0	19.7
	5CC	19.9	21.3	21.4	21.2	20.9	20.2	19.4	19.7	20.1	19.9	19.7	19.5
	5DA	19.5	20.9	21.0	20.6	20.1	19.1	18.4	18.6	19.7	20.4	19.8	19.2
	5DB	18.4	19.6	19.7	19.4	19.0	18.2	17.4	17.6	18.5	19.0	18.6	18.1
	5DC	18.5	19.5	19.5	19.3	19.0	18.4	17.5	17.7	18.4	18.7	18.6	18.2
	5DD	21.3	22.4	22.5	22.3	21.9	21.2	20.3	20.5	21.4	21.7	21.5	21.0
	5EA	27.8	30.1	29.5	28.7	28.5	27.3	26.8	26.9	27.7	27.3	26.5	27.8
	5EB	27.0	29.3	28.7	27.9	27.4	26.2	25.8	25.9	26.8	26.3	25.7	26.8
	5EC	25.2	27.5	27.1	26.5	26.0	25.1	24.5	24.7	25.5	25.1	24.4	25.0
	5ED	25.5	27.4	27.2	26.8	26.3	25.2	24.5	24.8	25.6	26.0	25.2	25.2
	5FA	27.8	29.6	29.6	29.4	28.5	27.2	26.6	26.8	27.5	28.2	27.5	27.5
	5FB	28.5	30.4	30.1	29.8	29.2	27.9	27.4	27.5	28.2	28.6	27.8	28.2
	5G	26.7	29.0	28.6	27.7	27.3	26.1	25.7	25.9	26.7	26.0	25.3	26.5
	5HA	28.1	30.2	30.4	29.7	29.2	27.9	27.5	27.8	28.7	27.8	26.9	27.9
	5HB	26.5	28.8	28.7	27.9	27.3	26.1	25.7	26.0	26.8	26.0	25.2	26.3
	5J	25.7	27.9	27.5	26.9	26.7	25.3	25.1	25.2	25.8	24.5	24.8	25.3

Monthly Temperature by Sub-basin

Year 2008 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.2	21.3	21.3	20.7	20.5	19.6	19.2	19.6	20.3	20.4	20.3	20.7
	1AB	18.3	18.3	18.4	17.7	17.6	16.7	16.2	16.6	17.3	17.5	17.3	17.6
	1AC	21.8	21.8	21.8	21.2	21.0	20.1	19.7	20.1	20.8	20.9	20.9	21.2
	1AD	23.4	23.3	23.4	22.7	22.5	21.7	21.3	21.7	22.3	22.5	22.5	22.8
	1AE	24.0	24.0	24.0	23.3	23.2	22.3	21.9	22.3	23.0	23.1	23.1	23.5
	1AF	23.4	23.3	23.4	22.7	22.5	21.7	21.3	21.7	22.3	22.5	22.5	22.9
	1AG	23.6	23.5	23.5	22.8	22.7	21.8	21.4	21.8	22.5	22.6	22.7	23.1
	1AH	23.9	23.9	23.9	23.2	23.1	22.2	21.9	22.2	22.9	23.0	23.1	23.5
	1BA	16.3	16.3	16.7	16.1	16.0	15.1	14.6	15.0	15.7	15.8	15.6	16.0
	1BB	17.4	17.5	17.7	17.1	16.9	16.0	15.5	15.9	16.6	16.8	16.5	16.7
	1BC	18.6	18.8	18.8	18.3	18.1	17.2	16.7	17.1	17.8	17.9	17.6	17.7
	1BD	19.1	19.0	19.3	18.7	18.5	17.6	17.0	17.5	18.2	18.4	18.1	18.3
	1BE	18.9	19.1	19.2	18.6	18.5	17.5	17.0	17.4	18.1	18.2	17.9	17.9
	1BG	18.9	19.1	19.2	18.6	18.5	17.5	17.0	17.4	18.1	18.2	18.0	18.0
	1BH	18.5	18.6	18.7	18.1	17.9	17.0	16.5	16.9	17.6	17.7	17.5	17.6
	1CA	17.6	17.5	17.9	17.3	17.1	16.2	15.6	16.1	16.8	17.0	16.8	17.1
	1CB	17.4	17.2	17.7	17.0	16.8	16.0	15.4	15.9	16.5	16.8	16.6	17.0
	1CC	16.6	16.5	16.9	16.2	16.0	15.4	14.8	15.3	15.9	15.9	15.9	16.3
	1CD	18.8	18.6	18.9	18.3	18.1	17.2	16.7	17.1	17.8	18.1	17.9	18.1
	1CE	20.2	20.1	20.3	19.6	19.5	18.6	18.1	18.5	19.2	19.4	19.2	19.4
	1DA	21.4	21.4	21.5	20.8	20.6	19.7	19.3	19.7	20.4	20.5	20.5	20.8
	1DB	18.7	18.7	18.8	18.2	18.0	17.1	16.7	17.1	17.8	17.9	17.8	18.0
	1DC	22.4	22.3	22.3	21.6	21.5	20.6	20.2	20.6	21.3	21.4	21.4	21.9
	1DD	22.8	22.8	22.8	22.1	22.0	21.1	20.7	21.1	21.8	21.9	21.9	22.4
	1EA	20.7	20.6	20.6	19.9	19.7	18.9	18.5	18.9	19.6	19.7	19.8	20.3
	1EB	22.5	22.3	22.3	21.5	21.4	20.5	20.2	20.6	21.2	21.3	21.5	22.1
	1EC	22.3	22.1	22.2	21.4	21.3	20.4	20.1	20.4	21.1	21.3	21.3	21.9
	1ED	23.2	23.1	23.1	22.4	22.3	21.4	21.1	21.4	22.1	22.3	22.3	22.8
	1EE	23.9	23.8	23.8	23.0	22.9	22.1	21.7	22.1	22.8	22.9	23.0	23.5
	1EF	24.2	24.3	24.0	23.2	23.2	22.4	22.1	22.5	23.2	23.2	23.3	23.9
	1EG	23.5	23.5	23.3	22.5	22.5	21.7	21.4	21.8	22.4	22.5	22.7	23.3
	1FA	16.4	16.3	16.7	15.9	15.7	15.1	14.6	15.0	15.7	15.7	15.6	16.0
	1FB	18.9	18.7	18.9	18.2	18.0	17.2	16.8	17.2	17.9	18.1	18.0	18.5
	1FC	19.3	19.1	19.3	18.6	18.3	17.7	17.3	17.6	18.3	18.4	18.4	18.9
	1FD	18.5	18.4	18.5	17.8	17.5	16.9	16.5	16.9	17.5	17.6	17.6	18.0
	1FE	21.5	21.4	21.4	20.6	20.4	19.7	19.4	19.7	20.4	20.5	20.6	21.2
	1FF	22.2	22.2	22.0	21.2	21.1	20.4	20.1	20.5	21.1	21.2	21.4	22.0
	1FG	23.9	24.0	23.7	22.9	22.8	22.1	21.9	22.2	22.9	22.9	23.1	23.8
LVSCA	1GA	16.9	17.0	17.2	16.4	16.2	15.8	15.3	15.7	16.3	16.1	16.1	16.5
	1GB	20.4	20.3	20.4	19.6	19.4	18.8	18.5	18.8	19.5	19.5	19.6	20.2
	1GC	16.9	17.3	17.6	16.6	16.5	16.4	15.9	16.2	16.8	16.3	16.3	16.6
	1GD	22.3	22.3	22.3	21.4	21.2	20.7	20.4	20.7	21.4	21.2	21.5	22.1
	1GE	22.1	22.2	22.1	21.2	21.0	20.6	20.3	20.6	21.3	21.0	21.3	21.9
	1GF	23.2	23.4	23.2	22.2	22.2	21.6	21.4	21.7	22.4	22.2	22.5	23.2
	1GG	17.2	17.5	17.8	16.8	16.7	16.5	16.0	16.3	16.9	16.5	16.5	16.9
	1HA1	22.0	22.0	21.8	21.0	20.9	20.2	20.0	20.3	21.0	21.0	21.2	21.8
	1HA2	24.3	24.4	24.2	23.3	23.2	22.6	22.4	22.7	23.4	23.4	23.6	24.2
	1HB1	24.0	24.1	23.9	23.0	22.9	22.2	22.0	22.4	23.1	23.0	23.2	24.0
	1HB2	23.5	23.6	23.4	22.5	22.4	21.7	21.6	21.9	22.6	22.6	22.8	23.5
	1HC	24.4	24.5	24.2	23.3	23.3	22.6	22.4	22.7	23.5	23.4	23.6	24.3
	1HD	22.8	23.0	22.7	21.7	21.8	21.1	20.9	21.2	22.0	21.8	22.0	22.8
	1HE	23.1	23.3	22.9	22.0	22.1	21.3	21.1	21.5	22.3	22.0	22.3	23.0
	1HF	23.8	23.9	23.6	22.7	22.7	22.0	21.8	22.2	22.9	22.7	22.9	23.7
	1HG	23.6	23.8	23.5	22.6	22.6	21.9	21.7	22.0	22.8	22.6	22.8	23.6
	1JA	16.6	17.0	17.1	16.2	16.1	15.9	15.5	15.8	16.4	15.9	16.0	16.3
	1JB	18.9	19.1	19.2	18.2	18.1	17.9	17.5	17.7	18.4	18.0	18.2	18.7
	1JC	17.8	18.1	18.2	17.2	17.0	16.9	16.5	16.7	17.4	16.9	17.0	17.5
	1JD	20.2	20.3	20.3	19.4	19.2	18.9	18.5	18.8	19.5	19.1	19.4	20.0
	1JE	19.3	19.5	19.3	18.4	18.4	17.8	17.5	17.9	18.8	18.5	18.7	19.3
	1JF	18.4	18.7	18.6	17.7	17.7	17.2	16.9	17.2	18.0	17.7	17.8	18.3
	1JG1	21.7	21.9	21.7	20.7	20.7	20.1	19.9	20.2	20.9	20.7	20.9	21.6
	1JG2	23.6	23.7	23.5	22.5	22.5	21.9	21.7	22.0	22.7	22.6	22.8	23.5
	1KA	22.3	22.5	22.1	21.2	21.3	20.6	20.3	20.7	21.5	21.2	21.5	22.3
	1KB	22.2	22.4	22.1	21.2	21.2	20.5	20.3	20.7	21.5	21.2	21.4	22.2
	1KC	21.2	21.4	21.1	20.2	20.2	19.6	19.3	19.7	20.6	20.4	20.5	21.2
	1LA1	16.8	17.1	17.2	16.3	16.3	15.9	15.5	15.9	16.7	16.3	16.3	16.6
	1LA2	20.6	20.8	20.6	19.7	19.7	19.0	18.7	19.2	20.0	19.9	20.0	20.6
	1LA3	18.8	18.9	19.2	18.2	17.9	16.9	16.4	17.2	18.3	18.7	18.6	18.8
	1LB1	16.9	17.3	17.4	16.5	16.5	16.0	15.6	16.1	16.8	16.6	16.5	16.7
	1LB2	19.1	19.3	19.3	18.5	18.3	17.6	17.3	17.8	18.8	18.8	18.7	19.1

Monthly Temperature by Sub-basin

Year 2008 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.7	27.9	27.5	25.2	26.9	25.6	25.3	26.0	27.2	26.6	26.2	26.1
	2AB	27.4	28.3	28.1	25.7	28.0	26.6	26.4	27.1	28.2	27.5	26.9	26.7
	2BA	19.1	19.2	19.4	18.7	18.7	17.8	17.3	17.7	18.4	18.5	18.2	18.3
	2BB	23.7	23.8	24.0	23.1	23.6	22.6	22.1	22.5	23.3	23.2	22.8	22.9
	2BC	22.0	22.2	22.3	21.6	21.8	20.8	20.3	20.8	21.5	21.5	21.1	21.2
	2BD	26.3	26.7	26.8	25.0	27.0	25.8	25.5	26.1	27.0	26.4	25.7	25.7
	2CA	27.6	28.3	28.3	26.1	28.6	27.4	27.1	27.7	28.7	28.0	27.3	27.1
	2CB	20.4	20.6	21.1	20.4	20.2	19.7	19.1	19.5	20.1	20.1	19.9	20.2
	2CC	25.4	25.8	26.0	24.5	25.7	24.6	24.2	24.7	25.5	25.3	24.9	24.9
	2D	23.4	23.9	24.2	23.2	23.5	22.7	22.3	22.7	23.5	23.4	23.1	23.1
	2EA	18.7	19.4	19.9	18.9	18.9	18.7	18.4	18.5	19.0	18.8	18.5	18.5
	2EB	18.3	18.9	19.4	18.5	18.4	18.2	17.9	18.0	18.6	18.4	18.1	18.2
	2EC	17.6	18.4	18.8	17.8	17.9	17.8	17.4	17.6	18.1	17.5	17.3	17.2
	2ED	15.8	16.3	16.7	15.7	15.8	15.5	15.0	15.3	15.8	15.4	15.3	15.5
	2EE	20.8	21.3	21.8	20.9	20.9	20.6	20.1	20.4	20.9	20.7	20.5	20.6
	2EF	18.1	18.8	19.2	18.2	18.3	18.1	17.7	17.9	18.4	18.0	17.8	17.9
	2EG1	14.6	15.3	15.7	14.7	14.7	14.7	14.2	14.4	14.9	14.4	14.2	14.3
	2EG2	20.5	21.1	21.6	20.7	20.7	20.5	20.1	20.3	20.8	20.5	20.2	20.3
	2EH	21.7	22.1	22.7	21.8	21.7	21.4	20.9	21.2	21.7	21.6	21.4	21.5
	2EJ	20.0	20.5	21.1	20.2	20.1	19.8	19.5	19.7	20.2	20.1	19.7	19.7
	2EK	18.2	18.8	19.3	18.4	18.3	18.1	17.8	17.9	18.5	18.3	18.0	18.1
	2FA	17.0	17.7	18.2	17.2	17.2	16.9	16.5	16.8	17.3	17.0	16.7	16.8
	2FB	17.5	18.3	18.7	17.6	17.8	17.7	17.2	17.4	17.9	17.4	17.1	17.1
	2FC	16.3	17.1	17.4	16.4	16.5	16.3	15.9	16.1	16.6	16.3	16.0	16.0
	2GA	16.3	16.9	17.6	16.6	16.6	16.2	15.9	16.1	16.7	16.4	16.1	16.2
	2GB	14.4	14.9	15.6	14.7	14.6	14.2	14.0	14.2	14.7	14.5	14.2	14.2
	2GC	13.5	13.9	14.8	13.8	13.6	12.9	12.6	13.1	13.8	13.8	13.6	13.6
	2GD	16.1	16.5	17.1	16.0	15.7	14.9	14.4	15.1	16.0	16.3	16.1	16.2
	2H-1	21.3	21.4	22.1	21.0	20.3	19.1	18.4	19.4	20.8	21.6	21.3	21.5
	2H-2	22.0	22.1	22.9	21.7	21.0	19.7	19.1	20.1	21.5	22.3	22.1	22.3
	2H-3	21.2	21.3	22.2	21.0	20.2	19.0	18.4	19.4	20.8	21.7	21.4	21.7
	2J	26.7	27.4	27.3	25.3	27.2	25.9	25.6	26.2	27.2	26.7	26.2	26.0
	2KA	17.0	17.2	17.5	16.6	16.4	15.7	15.3	15.9	16.9	17.0	16.8	16.9
	2KB	19.6	19.6	20.2	19.2	18.7	17.5	16.9	17.9	19.1	19.9	19.6	19.7
	2KC	22.7	22.8	23.4	22.4	21.7	20.5	19.9	20.9	22.2	23.0	22.7	22.8
ACA	3AA	19.5	19.6	20.4	19.2	18.5	17.2	16.5	17.6	19.0	19.8	19.7	19.9
	3AB	19.6	19.9	20.9	19.5	18.8	17.5	16.9	17.9	19.4	20.4	20.1	20.3
	3AC	20.2	20.5	21.5	20.2	19.6	18.3	17.7	18.7	20.2	21.1	20.9	21.2
	3BA	19.4	19.5	20.3	19.1	18.4	17.1	16.4	17.5	18.9	19.7	19.6	19.8
	3BB	19.4	19.5	20.4	19.2	18.5	17.2	16.5	17.6	19.0	19.7	19.7	19.9
	3BC	17.9	18.0	19.0	17.8	17.1	15.7	15.0	16.1	17.5	18.3	18.2	18.4
	3BD	18.6	18.7	19.8	18.6	17.9	16.5	15.9	17.1	18.5	19.3	19.2	19.4
	3CB	19.3	19.4	20.6	19.3	18.7	17.3	16.7	17.9	19.3	20.1	20.1	20.3
	3DA	21.2	21.5	22.7	21.4	20.8	19.4	18.8	19.9	21.4	22.4	22.2	22.4
	3DB	22.3	22.7	23.9	22.5	21.9	20.6	19.9	21.0	22.6	23.7	23.3	23.5
	3EA	19.6	20.1	21.2	19.8	19.1	17.7	17.1	18.1	19.7	20.9	20.4	20.5
	3EB	20.6	21.1	22.3	20.8	20.2	18.8	18.2	19.2	20.8	22.0	21.5	21.7
	3EC	20.5	21.1	22.1	20.7	20.0	18.7	18.0	19.0	20.5	21.8	21.3	21.5
	3ED	22.6	23.1	24.3	22.8	22.2	20.9	20.2	21.3	22.9	24.2	23.7	23.9
	3FA	21.7	22.2	23.3	21.8	21.2	19.8	19.1	20.1	21.7	23.0	22.4	22.7
	3FB	24.3	24.9	25.9	24.4	23.6	22.2	21.5	22.2	23.8	25.5	25.1	25.2
	3G	23.2	23.7	24.7	23.1	22.3	21.0	20.3	20.9	22.4	24.2	23.9	23.9
	3HA	25.8	26.2	27.1	25.6	24.6	23.3	22.9	23.1	24.4	26.3	26.5	26.2
	3HB	26.8	26.8	27.9	26.9	25.4	24.5	24.0	24.1	25.0	26.7	27.0	27.1
	3HC	27.0	26.8	28.0	27.4	25.6	24.9	24.3	24.3	25.0	26.6	26.9	27.3
	3HD1	27.0	26.7	27.9	27.4	25.5	24.9	24.2	24.3	24.9	26.5	26.8	27.2
	3HD2	27.5	27.2	28.5	27.9	26.1	25.5	24.9	24.9	25.5	27.1	27.3	27.7
	3J	23.5	23.8	24.8	23.4	22.4	21.1	20.6	20.9	22.2	24.0	24.1	24.1
	3K	26.9	26.7	27.8	27.1	25.5	24.4	24.0	24.1	24.8	26.5	27.0	27.4
	3LA	26.1	26.1	27.1	26.2	24.7	23.8	23.2	23.3	24.2	26.0	26.3	26.5
	3LB	27.1	26.8	28.1	27.5	25.7	25.0	24.4	24.4	25.0	26.6	27.0	27.4
	3MA-1	24.3	24.4	25.4	24.2	23.0	21.8	21.3	21.5	22.6	24.5	24.7	24.7
	3MA-2	25.7	25.7	26.7	25.8	24.4	23.3	22.8	23.0	23.8	25.6	26.0	26.2
	3MB	26.4	26.3	27.3	26.6	25.0	24.0	23.5	23.7	24.4	26.0	26.5	26.9
	3MC	26.3	26.1	27.1	26.5	24.9	23.8	23.4	23.6	24.2	25.9	26.4	26.8
	3MD1	26.6	26.3	27.5	27.1	25.3	24.4	23.8	23.9	24.4	26.0	26.6	27.2
	3MD2	27.0	26.8	27.8	27.4	25.6	24.5	24.1	24.3	24.8	26.5	27.0	27.7
	3N	21.0	21.5	22.5	21.1	20.4	19.1	18.3	19.3	20.8	22.2	21.7	21.9

Monthly Temperature by Sub-basin

Year 2008 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.7	15.1	16.3	15.5	15.3	13.7	13.5	14.2	15.4	15.6	14.9	14.7
	4AB	15.5	15.9	17.0	16.2	16.0	14.7	14.7	15.1	16.1	16.2	15.7	15.5
	4AC	15.2	15.4	16.7	16.0	15.7	14.3	14.3	14.9	15.9	16.0	15.5	15.5
	4AD	15.4	15.6	16.9	16.1	15.8	14.3	14.1	14.8	16.0	16.4	16.0	16.0
	4BA	19.6	19.9	21.3	20.4	20.1	18.5	18.1	18.9	20.3	20.8	20.4	20.5
	4BB	16.6	17.0	18.3	17.4	17.2	15.5	15.1	16.0	17.3	17.6	17.0	17.0
	4BC	19.6	20.1	21.3	20.4	20.1	18.4	18.0	18.8	20.4	20.8	20.2	20.2
	4BD	17.7	17.9	19.2	18.3	17.9	16.3	15.6	16.7	18.2	18.8	18.5	18.7
	4BE	19.1	19.2	20.6	19.6	19.1	17.5	16.9	17.9	19.5	20.2	19.9	20.1
	4BF	20.9	21.1	22.4	21.4	20.9	19.3	18.7	19.8	21.4	22.1	21.9	22.2
	4BG	21.8	22.1	23.4	22.4	22.0	20.4	19.8	20.9	22.5	23.2	22.9	23.1
	4CA	15.8	15.8	17.0	15.9	15.3	13.9	13.2	14.5	15.8	16.6	16.5	16.7
	4CB	17.7	17.8	19.0	17.9	17.4	15.9	15.3	16.5	17.9	18.7	18.6	18.8
	4CC	21.1	21.4	22.7	21.4	20.9	19.4	18.9	20.0	21.6	22.4	22.1	22.3
	4DA	19.1	19.6	20.8	19.9	19.7	18.0	17.5	18.3	20.0	20.4	19.7	19.8
	4DB	17.1	17.7	18.9	18.0	17.8	16.1	15.7	16.5	18.1	18.5	17.7	17.7
	4DC	16.5	17.1	18.3	17.4	17.2	15.5	15.1	15.9	17.5	17.9	17.1	17.1
	4DD	21.5	22.1	23.4	22.4	22.2	20.4	20.0	20.9	22.6	23.1	22.4	22.4
	4DE	21.9	22.4	23.6	22.5	22.0	20.6	20.0	21.1	22.7	23.6	23.1	23.2
	4EA	19.4	19.8	21.1	20.2	20.0	18.5	18.2	19.0	20.4	20.6	19.9	19.7
	4EB	18.3	18.8	20.0	19.1	18.9	17.3	16.9	17.8	19.3	19.6	18.9	18.7
	4EC	21.3	21.8	23.1	22.2	21.9	20.2	19.9	20.7	22.3	22.7	22.0	21.9
	4ED	22.5	22.9	24.2	23.2	22.8	21.2	20.7	21.7	23.3	24.0	23.3	23.3
	4FA	20.2	20.6	21.9	21.0	20.8	19.3	19.0	19.9	21.2	21.4	20.7	20.4
	4FB	23.9	24.4	25.6	24.8	24.5	23.0	22.7	23.5	24.9	25.2	24.4	24.3
	4GA	25.3	25.9	27.1	26.2	25.8	24.3	24.1	24.8	26.1	26.6	25.7	25.7
	4GB	26.6	27.2	28.4	27.5	26.9	25.3	25.1	25.8	27.2	27.9	26.9	27.1
	4GC	28.2	28.8	30.1	29.1	28.2	26.5	26.3	27.0	28.3	29.4	28.2	28.8
	4GD	27.1	27.7	29.0	28.2	27.2	25.6	25.4	26.0	27.3	28.5	27.5	27.9
	4GE	26.4	27.0	28.2	27.3	26.4	24.9	24.4	25.1	26.5	27.7	26.9	27.2
	4GF	26.6	27.0	28.2	27.3	26.1	24.9	24.3	24.8	26.1	27.6	26.9	27.3
	4GG	27.4	27.2	28.5	28.0	26.2	25.6	24.9	25.0	25.7	27.3	27.3	27.7
	4HA	23.9	24.4	25.6	24.1	23.4	22.1	21.4	22.3	23.9	25.3	24.8	25.0
	4HB	26.8	27.1	28.2	27.2	25.8	24.8	24.1	24.5	25.8	27.5	27.2	27.4
	4HC	26.7	26.8	27.9	26.7	25.5	24.5	23.9	24.1	25.2	27.0	27.0	27.1
	4JA	28.4	28.8	30.0	29.1	28.0	26.6	25.9	26.8	28.0	29.1	28.0	28.5
	4JB	27.9	28.0	29.3	28.9	27.1	26.3	25.7	25.9	26.8	28.4	27.9	28.4
	4KA	28.1	28.2	29.5	29.0	27.3	26.4	25.8	26.2	27.1	28.6	27.9	28.5
	4KB	27.9	28.0	29.3	28.9	27.1	26.3	25.7	26.0	26.9	28.4	27.9	28.4
ENNCA	5AA	15.9	16.5	17.1	16.2	16.0	15.8	15.6	15.6	16.2	16.2	15.8	15.8
	5AB	16.3	16.8	17.5	16.6	16.3	16.0	15.9	16.0	16.6	16.4	16.1	16.0
	5AC	18.1	18.7	19.4	18.5	18.3	17.9	17.8	17.9	18.5	18.4	18.0	17.9
	5AD	18.1	18.6	19.5	18.6	18.3	17.7	17.8	18.0	18.6	18.5	18.1	18.0
	5BA	16.5	16.9	18.0	17.2	16.9	15.8	15.8	16.1	17.1	17.2	16.6	16.5
	5BB	14.9	15.3	16.3	15.4	15.1	14.4	14.5	14.7	15.4	15.4	14.9	14.9
	5BC-1	16.2	16.8	17.7	16.8	16.5	15.6	15.7	16.0	16.8	16.8	16.3	16.1
	5BC-2	18.4	18.9	19.9	19.0	18.7	17.8	17.9	18.2	19.0	19.1	18.6	18.3
	5BD	17.2	17.6	18.5	17.6	17.3	16.7	16.9	17.0	17.6	17.5	17.1	16.9
	5BE	14.9	15.5	16.5	15.5	15.3	14.2	14.2	14.6	15.6	15.7	15.1	14.8
	5CA	17.4	18.0	18.7	17.8	17.6	17.2	17.1	17.3	18.0	17.8	17.4	17.3
	5CB	19.9	20.4	21.3	20.3	20.1	19.2	19.1	19.5	20.5	20.5	20.1	19.7
	5CC	19.6	20.4	21.0	19.9	19.7	18.9	18.7	19.1	20.1	20.2	19.9	19.4
	5DA	19.4	19.8	21.0	20.1	19.9	18.6	18.5	19.1	20.2	20.4	19.7	19.4
	5DB	18.4	18.8	19.9	19.0	18.8	17.6	17.6	18.0	19.1	19.2	18.6	18.3
	5DC	18.5	18.9	19.9	19.0	18.7	18.0	18.1	18.4	19.1	19.2	18.7	18.5
	5DD	21.3	21.7	22.7	21.9	21.6	20.6	20.4	20.9	21.9	22.1	21.5	21.2
	5EA	28.5	29.0	29.2	27.5	26.9	25.5	24.3	26.0	27.3	27.4	26.8	27.3
	5EB	27.5	28.3	28.3	26.4	26.0	24.7	23.9	25.3	26.6	26.4	26.0	26.3
	5EC	25.2	26.5	26.4	24.9	24.8	23.5	23.2	24.0	25.2	25.2	24.9	24.4
	5ED	25.5	26.2	27.0	25.8	25.6	24.2	23.7	24.6	25.8	26.1	25.4	25.0
	5FA	27.9	28.4	29.5	28.5	27.8	26.3	25.7	26.7	28.0	28.7	27.6	27.8
	5FB	28.7	29.2	30.1	28.9	28.3	26.8	25.8	27.2	28.4	29.0	27.9	27.9
	5G	27.3	27.8	27.9	26.0	25.4	24.0	23.0	24.6	25.9	25.9	25.8	26.3
	5HA	28.6	28.6	29.2	27.0	26.4	25.0	24.1	25.6	26.9	27.3	27.5	27.8
	5HB	27.1	27.4	27.7	25.6	25.0	23.6	22.8	24.2	25.6	25.7	25.8	26.3
	5J	25.6	27.1	26.6	24.4	25.3	24.0	23.6	24.5	25.7	25.3	25.1	24.8

Monthly Temperature by Sub-basin

Year 2009 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.0	21.5	22.4	21.3	20.6	19.9	19.8	20.4	20.9	21.0	20.8	20.9
	1AB	18.0	18.6	19.5	18.3	17.6	16.9	16.9	17.3	17.9	18.0	17.8	17.9
	1AC	21.5	22.1	22.9	21.7	21.1	20.4	20.3	20.9	21.4	21.5	21.3	21.4
	1AD	23.1	23.7	24.5	23.3	22.7	22.0	21.9	22.5	23.0	23.1	22.9	22.9
	1AE	23.8	24.3	25.1	23.9	23.3	22.6	22.6	23.2	23.6	23.7	23.5	23.5
	1AF	23.2	23.7	24.5	23.3	22.7	22.0	21.9	22.5	22.9	23.1	22.9	22.9
	1AG	23.4	23.9	24.7	23.4	22.8	22.2	22.1	22.7	23.1	23.2	23.0	23.0
	1AH	23.7	24.2	25.0	23.7	23.2	22.6	22.5	23.1	23.5	23.6	23.4	23.2
	1BA	16.4	17.1	18.1	17.4	16.6	15.6	15.5	15.8	16.6	16.8	16.5	16.7
	1BB	17.2	17.8	18.9	18.0	17.2	16.3	16.3	16.6	17.3	17.5	17.2	17.4
	1BC	18.2	18.9	19.9	18.9	18.1	17.3	17.3	17.6	18.3	18.5	18.1	18.4
	1BD	18.7	19.4	20.4	19.6	18.9	17.9	17.8	18.1	18.9	19.0	18.8	19.0
	1BE	18.5	19.2	20.3	19.2	18.4	17.6	17.6	17.9	18.6	18.7	18.4	18.6
	1BG	18.5	19.2	20.3	19.2	18.4	17.6	17.6	17.9	18.6	18.7	18.4	18.6
	1BH	18.1	18.7	19.7	18.7	17.9	17.1	17.1	17.4	18.1	18.3	18.0	18.2
	1CA	17.6	18.2	19.2	18.6	17.9	16.8	16.7	17.0	17.8	18.0	17.7	18.0
	1CB	17.4	18.0	19.0	18.5	17.8	16.7	16.6	16.9	17.6	17.8	17.5	17.8
	1CC	16.7	17.3	18.2	17.7	17.0	16.1	15.9	16.3	16.9	17.1	16.8	17.0
	1CD	18.5	19.1	20.1	19.3	18.7	17.6	17.5	17.9	18.6	18.8	18.5	18.8
	1CE	19.8	20.4	21.4	20.5	19.8	18.9	18.8	19.1	19.8	20.0	19.7	20.0
	1DA	21.1	21.7	22.5	21.5	20.8	20.0	19.9	20.4	20.9	21.1	20.9	21.1
	1DB	18.4	19.0	19.9	18.8	18.1	17.3	17.3	17.7	18.3	18.4	18.2	18.4
	1DC	22.1	22.6	23.5	22.2	21.6	20.9	20.8	21.4	21.9	22.0	21.8	21.9
	1DD	22.6	23.1	23.9	22.7	22.1	21.4	21.3	21.9	22.4	22.5	22.3	22.3
	1EA	20.5	21.0	21.7	20.6	20.1	19.3	19.2	19.7	20.2	20.4	20.2	20.2
	1EB	22.3	22.7	23.4	22.1	21.6	20.9	20.7	21.4	21.7	21.9	21.8	21.8
	1EC	22.1	22.6	23.3	22.0	21.5	20.8	20.7	21.3	21.7	21.9	21.7	21.7
	1ED	23.0	23.5	24.3	23.0	22.4	21.8	21.7	22.3	22.7	22.9	22.7	22.6
	1EE	23.7	24.1	24.9	23.6	23.0	22.5	22.4	23.0	23.4	23.5	23.3	23.1
	1EF	24.0	24.5	25.2	23.7	23.2	22.8	22.8	23.5	23.7	23.8	23.5	23.2
	1EG	23.4	23.8	24.5	23.1	22.7	22.2	22.1	22.8	23.0	23.2	22.9	22.7
	1FA	16.4	16.9	17.8	17.3	16.6	15.7	15.6	16.0	16.6	16.7	16.4	16.6
	1FB	18.8	19.3	20.1	19.3	18.7	17.8	17.6	18.1	18.7	18.9	18.6	18.7
	1FC	19.2	19.7	20.5	19.6	19.0	18.2	18.0	18.6	19.1	19.3	19.0	19.1
	1FD	18.3	18.8	19.6	18.8	18.2	17.4	17.2	17.7	18.2	18.4	18.2	18.3
	1FE	21.4	21.8	22.5	21.3	20.8	20.1	20.0	20.7	21.0	21.2	21.0	20.8
	1FF	22.1	22.4	23.1	21.8	21.3	20.9	20.8	21.6	21.7	21.9	21.6	21.2
	1FG	23.8	24.2	24.8	23.4	23.0	22.6	22.6	23.3	23.4	23.5	23.3	22.9
LVSCA	1GA	16.9	17.2	18.3	17.6	17.0	16.3	16.2	16.7	17.1	17.1	16.8	16.8
	1GB	20.4	20.7	21.6	20.5	20.0	19.4	19.3	19.9	20.2	20.3	20.1	20.0
	1GC	17.1	17.5	18.6	17.7	17.1	16.8	16.7	17.4	17.6	17.3	16.9	17.0
	1GD	22.2	22.4	23.3	22.1	21.6	21.2	21.1	21.9	22.0	22.0	21.8	21.6
	1GE	22.0	22.2	23.1	21.7	21.3	21.0	20.9	21.7	21.8	21.8	21.6	21.3
	1GF	23.2	23.5	24.2	22.8	22.3	22.1	22.0	22.8	22.9	22.9	22.7	22.3
	1GG	17.4	17.7	18.8	18.0	17.4	16.9	16.8	17.5	17.7	17.6	17.2	17.3
	1HA1	21.9	22.2	23.0	21.7	21.2	20.7	20.7	21.5	21.6	21.7	21.5	21.1
	1HA2	24.3	24.6	25.3	23.9	23.5	23.1	23.1	23.9	24.0	24.1	23.8	23.3
	1HB1	24.0	24.3	25.0	23.5	23.1	22.8	22.7	23.5	23.6	23.7	23.5	23.0
	1HB2	23.5	23.8	24.5	23.1	22.6	22.3	22.3	23.2	23.2	23.3	23.0	22.4
	1HC	24.3	24.6	25.3	23.9	23.4	23.2	23.1	23.9	24.0	24.1	23.8	23.4
	1HD	22.7	23.1	23.8	22.2	21.8	21.7	21.6	22.3	22.4	22.5	22.2	21.8
	1HE	23.0	23.4	24.0	22.4	22.1	22.0	21.9	22.6	22.7	22.7	22.4	22.0
	1HF	23.7	24.0	24.7	23.2	22.8	22.6	22.5	23.2	23.4	23.4	23.2	22.8
	1HG	23.6	23.9	24.6	23.1	22.7	22.5	22.4	23.1	23.2	23.3	23.0	22.7
	1JA	16.8	17.0	18.1	17.1	16.5	16.3	16.2	16.9	17.1	16.8	16.5	16.5
	1JB	18.9	19.0	20.1	18.9	18.4	18.2	18.1	18.9	19.0	18.8	18.5	18.4
	1JC	17.8	17.9	19.1	17.9	17.4	17.2	17.1	17.9	18.0	17.7	17.5	17.4
	1JD	20.1	20.3	21.3	19.9	19.4	19.3	19.1	19.9	20.0	19.9	19.7	19.4
	1JE	19.4	19.6	20.5	19.1	18.7	18.4	18.0	18.9	19.2	19.3	18.9	18.6
	1JF	18.5	18.7	19.7	18.5	18.0	17.7	17.4	18.3	18.5	18.5	18.1	17.9
	1JG1	21.7	21.9	22.7	21.3	20.8	20.7	20.6	21.3	21.4	21.4	21.1	20.8
	1JG2	23.5	23.8	24.6	23.1	22.7	22.5	22.4	23.2	23.2	23.3	23.0	22.6
	1KA	22.2	22.6	23.2	21.6	21.2	21.2	21.1	21.8	21.9	21.9	21.6	21.2
	1KB	22.2	22.5	23.2	21.7	21.3	21.2	21.0	21.7	21.9	21.9	21.6	21.2
	1KC	21.2	21.5	22.3	20.9	20.5	20.2	19.8	20.7	21.0	21.1	20.8	20.4
	1LA1	17.0	17.3	18.4	17.4	16.8	16.4	15.9	16.9	17.3	17.2	16.8	16.8
	1LA2	20.7	20.9	21.8	20.5	20.0	19.6	19.1	20.1	20.5	20.7	20.3	19.9
	1LA3	19.1	19.3	20.4	19.4	18.6	17.8	16.4	17.6	18.8	19.1	18.9	18.7
	1LB1	17.2	17.5	18.6	17.6	17.0	16.5	16.0	17.0	17.4	17.4	17.0	17.0
	1LB2	19.4	19.6	20.6	19.5	18.9	18.2	17.4	18.5	19.2	19.5	19.1	19.0

Monthly Temperature by Sub-basin

Year 2009 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.7	27.3	28.7	28.1	27.3	26.7	25.9	26.2	27.2	27.1	27.2	26.8
	2AB	27.3	27.9	29.4	29.0	28.2	27.7	26.9	27.3	28.3	28.1	28.2	27.5
	2BA	18.7	19.4	20.4	19.5	18.7	17.9	17.8	18.1	18.9	19.0	18.7	18.9
	2BB	23.4	24.1	25.2	24.5	23.7	22.9	22.7	23.0	23.9	23.9	23.7	23.7
	2BC	21.7	22.4	23.5	22.6	21.9	21.1	20.9	21.3	22.1	22.1	21.8	21.9
	2BD	26.3	26.9	28.4	28.0	27.2	26.6	26.1	26.5	27.4	27.3	27.1	26.5
	2CA	27.7	28.3	29.9	29.7	28.8	28.3	27.7	28.1	29.0	28.8	28.8	28.0
	2CB	20.8	21.4	22.4	21.9	21.2	20.3	20.2	20.6	21.2	21.3	20.9	21.2
	2CC	25.5	26.1	27.4	26.9	26.1	25.4	25.0	25.3	26.2	26.2	26.0	25.8
	2D	23.6	24.3	25.4	25.0	24.3	23.4	23.0	23.4	24.2	24.2	24.0	24.0
	2EA	19.2	19.8	20.8	20.3	19.8	19.1	18.9	19.6	20.0	19.6	19.1	19.4
	2EB	18.7	19.4	20.4	19.9	19.4	18.6	18.4	19.0	19.5	19.2	18.7	19.0
	2EC	18.0	18.6	19.7	19.1	18.5	18.2	18.0	18.8	19.1	18.5	17.9	18.2
	2ED	16.1	16.7	17.8	17.2	16.5	16.0	15.9	16.5	16.9	16.6	16.1	16.4
	2EE	21.2	21.9	22.9	22.5	21.9	21.0	20.9	21.4	22.0	21.8	21.3	21.6
	2EF	18.5	19.2	20.2	19.7	19.1	18.6	18.4	19.1	19.5	19.1	18.5	18.8
	2EG1	15.0	15.5	16.6	15.9	15.3	15.0	14.9	15.6	15.9	15.4	14.8	15.1
	2EG2	20.9	21.6	22.6	22.1	21.5	20.9	20.8	21.4	21.9	21.5	20.9	21.3
	2EH	22.0	22.6	23.6	23.3	22.7	21.7	21.5	22.0	22.6	22.6	22.1	22.5
	2EJ	20.3	21.0	22.0	21.5	21.0	20.2	20.0	20.5	21.1	20.9	20.4	20.7
	2EK	18.7	19.4	20.4	19.9	19.3	18.5	18.3	19.0	19.5	19.2	18.7	19.0
	2FA	17.4	18.1	19.2	18.5	17.9	17.3	17.0	17.7	18.3	17.9	17.4	17.6
	2FB	17.9	18.6	19.6	18.9	18.3	17.9	17.8	18.5	18.9	18.3	17.8	18.0
	2FC	16.8	17.4	18.5	17.7	17.1	16.6	16.3	17.2	17.6	17.2	16.6	16.9
	2GA	16.8	17.5	18.5	17.9	17.3	16.7	16.3	17.0	17.7	17.2	16.8	17.0
	2GB	14.8	15.5	16.5	16.0	15.4	14.7	14.2	14.9	15.7	15.3	14.9	15.0
	2GC	14.0	14.7	15.7	15.2	14.4	13.7	12.9	13.4	14.7	14.4	14.1	14.0
	2GD	16.6	17.0	18.1	17.4	16.5	15.7	14.5	15.5	16.8	16.7	16.4	16.5
	2H-1	21.6	21.9	23.1	22.4	21.2	20.3	18.3	19.3	21.3	21.4	21.5	21.5
	2H-2	22.2	22.6	23.8	23.1	21.9	21.0	18.9	19.8	21.9	21.9	22.1	22.2
	2H-3	21.6	21.9	23.2	22.4	21.2	20.3	18.2	19.1	21.2	21.3	21.5	21.6
	2J	26.6	27.2	28.7	28.2	27.4	26.8	26.2	26.6	27.5	27.4	27.4	26.9
	2KA	17.4	17.7	18.8	18.0	17.3	16.3	15.2	16.5	17.4	17.8	17.3	17.4
	2KB	19.9	20.1	21.4	20.7	19.7	18.5	16.7	17.9	19.6	20.0	19.9	19.9
	2KC	23.0	23.3	24.5	23.8	22.7	21.6	19.8	20.9	22.7	23.0	22.9	22.9
ACA	3AA	19.8	20.1	21.3	20.7	19.4	18.5	16.5	17.3	19.5	19.5	19.7	19.8
	3AB	20.2	20.6	21.8	21.1	19.8	18.9	16.9	17.7	19.8	19.9	20.2	20.2
	3AC	20.9	21.3	22.5	21.8	20.6	19.8	17.7	18.4	20.6	20.6	20.9	20.9
	3BA	19.8	20.1	21.2	20.5	19.3	18.5	16.4	17.2	19.4	19.4	19.5	19.6
	3BB	19.9	20.2	21.3	20.7	19.4	18.6	16.6	17.3	19.5	19.5	19.6	19.7
	3BC	18.3	18.6	19.8	19.2	18.0	17.2	15.1	15.9	18.1	18.0	18.1	18.1
	3BD	19.1	19.5	20.6	20.0	18.8	18.2	16.0	16.7	18.9	18.9	19.0	18.9
	3CB	19.8	20.3	21.4	20.9	19.7	19.1	16.9	17.5	19.8	19.7	19.7	19.6
	3DA	21.9	22.4	23.6	23.1	21.8	21.1	18.9	19.6	21.8	21.8	22.0	21.9
	3DB	23.1	23.6	24.9	24.2	22.9	22.1	20.0	20.7	22.7	23.0	23.3	23.1
	3EA	20.4	20.8	22.1	21.5	20.1	19.3	17.2	17.9	20.0	20.2	20.6	20.4
	3EB	21.4	21.9	23.2	22.5	21.2	20.4	18.3	19.0	21.1	21.3	21.7	21.4
	3EC	21.4	21.9	23.1	22.4	21.1	20.2	18.1	18.8	20.8	21.1	21.6	21.4
	3ED	23.4	24.1	25.3	24.6	23.3	22.4	20.3	21.0	22.9	23.3	23.8	23.5
	3FA	22.5	23.1	24.3	23.6	22.2	21.2	19.3	19.9	21.9	22.2	22.7	22.6
	3FB	25.1	26.0	26.9	26.2	24.9	23.6	22.0	22.3	24.0	24.5	25.3	25.2
	3G	23.8	24.7	25.6	24.8	23.6	22.3	20.8	21.0	22.6	23.2	24.0	24.0
	3HA	26.2	27.2	27.8	27.1	25.9	24.6	23.3	23.3	24.6	25.2	26.3	26.4
	3HB	26.9	27.8	28.3	28.1	26.7	25.5	24.6	24.5	25.6	26.0	26.8	27.5
	3HC	27.0	27.7	28.3	28.4	26.8	25.7	25.0	25.0	25.8	26.1	26.8	27.8
	3HD1	26.9	27.6	28.1	28.3	26.7	25.6	24.9	25.0	25.8	26.0	26.7	27.8
	3HD2	27.4	28.0	28.6	28.9	27.3	26.2	25.4	25.4	26.2	26.4	27.0	28.2
	3J	24.0	24.9	25.6	24.9	23.7	22.4	21.2	21.3	22.7	23.2	24.2	24.3
	3K	27.2	28.0	28.3	28.1	26.6	25.6	24.8	24.8	25.7	26.2	27.0	27.8
	3LA	26.3	27.1	27.6	27.3	25.9	24.8	23.9	23.8	24.9	25.4	26.3	26.8
	3LB	27.1	27.8	28.3	28.5	26.8	25.8	25.0	25.1	25.9	26.1	26.8	27.9
	3MA-1	24.6	25.5	26.0	25.5	24.2	23.0	22.0	21.9	23.1	23.6	24.6	25.0
	3MA-2	26.0	26.9	27.3	26.9	25.5	24.4	23.6	23.5	24.5	25.0	25.9	26.6
	3MB	26.8	27.5	27.8	27.6	26.1	25.1	24.4	24.3	25.3	25.7	26.5	27.3
	3MC	26.7	27.4	27.7	27.5	26.0	25.0	24.3	24.2	25.2	25.6	26.4	27.3
	3MD1	26.9	27.6	27.9	27.9	26.3	25.3	24.7	24.7	25.5	26.0	26.7	27.6
	3MD2	27.5	28.1	28.3	28.2	26.7	25.7	25.1	25.1	26.0	26.5	27.2	28.1
	3N	21.7	22.4	23.5	22.8	21.5	20.5	18.5	19.2	21.1	21.4	21.9	21.9

Monthly Temperature by Sub-basin

Year 2009 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.1	15.7	17.0	16.8	15.9	15.4	14.1	14.3	16.1	16.1	15.9	15.3
	4AB	15.9	16.6	17.8	17.5	16.8	16.1	15.0	15.3	16.9	16.8	16.5	16.1
	4AC	15.7	16.4	17.6	17.3	16.5	15.8	14.5	14.8	16.6	16.4	16.2	15.8
	4AD	16.1	16.7	17.9	17.5	16.6	16.0	14.6	14.9	16.7	16.6	16.4	16.1
	4BA	20.5	21.1	22.3	21.8	20.8	20.3	18.6	18.9	21.0	21.0	20.7	20.4
	4BB	17.1	17.7	19.0	18.7	17.8	17.3	15.9	16.1	18.0	18.0	17.7	17.2
	4BC	20.2	20.8	22.1	21.7	20.8	20.3	18.7	18.9	21.0	21.0	20.7	20.2
	4BD	18.5	19.0	20.2	19.7	18.7	18.1	16.3	16.7	18.9	18.8	18.6	18.3
	4BE	19.8	20.3	21.5	21.0	19.9	19.4	17.5	17.9	20.1	20.0	19.9	19.7
	4BF	21.7	22.2	23.3	22.8	21.7	21.2	19.2	19.6	21.9	21.8	21.7	21.5
	4BG	22.8	23.3	24.5	23.8	22.8	22.2	20.2	20.7	23.0	23.0	22.8	22.7
	4CA	16.3	16.8	17.9	17.3	16.2	15.5	13.5	14.1	16.3	16.2	16.2	16.1
	4CB	18.3	18.8	19.9	19.4	18.3	17.7	15.6	16.2	18.4	18.3	18.3	18.1
	4CC	21.8	22.4	23.5	23.0	21.8	21.3	19.1	19.7	21.9	21.9	21.9	21.8
	4DA	19.9	20.4	21.8	21.2	20.3	19.7	18.2	18.4	20.5	20.6	20.3	19.8
	4DB	17.9	18.4	19.8	19.2	18.3	17.8	16.4	16.5	18.6	18.8	18.4	17.9
	4DC	17.3	17.8	19.2	18.6	17.7	17.2	15.8	15.9	18.1	18.2	17.9	17.3
	4DD	22.4	23.0	24.3	23.7	22.7	22.2	20.6	20.8	23.1	23.2	22.9	22.4
	4DE	22.8	23.4	24.7	24.0	22.8	22.3	20.3	20.8	23.0	23.1	23.1	22.8
	4EA	19.8	20.4	21.8	21.3	20.5	20.0	18.7	19.0	20.9	21.0	21.0	20.0
	4EB	18.8	19.4	20.8	20.2	19.4	18.9	17.6	17.8	19.7	19.9	19.7	18.9
	4EC	22.0	22.6	24.0	23.4	22.4	21.9	20.4	20.6	22.8	22.9	22.7	22.0
	4ED	23.2	23.8	25.1	24.5	23.5	22.9	21.1	21.5	23.7	23.8	23.8	23.2
	4FA	20.6	21.2	22.6	22.1	21.3	20.7	19.5	19.8	21.7	21.8	21.9	20.8
	4FB	24.4	25.0	26.4	25.9	25.0	24.5	23.2	23.5	25.3	25.5	25.5	24.6
	4GA	25.9	26.5	27.8	27.3	26.4	25.7	24.6	24.8	26.5	26.6	26.9	26.0
	4GB	27.3	27.9	29.1	28.7	27.7	26.7	25.6	25.9	27.5	27.6	28.0	27.2
	4GC	28.8	29.5	30.5	30.3	29.2	27.9	27.0	27.3	28.4	28.6	29.1	28.7
	4GD	27.9	28.6	29.6	29.4	28.2	27.0	25.9	26.3	27.5	27.8	28.3	27.8
	4GE	27.2	27.8	28.9	28.6	27.4	26.3	25.0	25.3	26.8	27.1	27.5	27.1
	4GF	27.2	27.8	28.7	28.6	27.2	26.0	24.8	25.1	26.3	26.6	27.2	27.3
	4GG	27.4	28.0	28.6	29.0	27.4	26.2	25.4	25.5	26.3	26.5	27.0	28.0
	4HA	24.7	25.4	26.5	25.9	24.6	23.6	21.7	22.2	24.0	24.4	24.9	24.7
	4HB	27.2	28.0	28.8	28.5	27.1	25.9	24.6	24.8	26.0	26.4	27.2	27.5
	4HC	26.9	27.8	28.5	28.1	26.7	25.5	24.3	24.4	25.5	26.0	26.8	27.4
	4JA	28.4	29.0	29.9	30.0	29.1	27.8	26.9	27.2	28.0	27.9	28.4	28.6
	4JB	28.1	28.7	29.4	29.8	28.4	27.0	26.2	26.4	27.1	27.3	27.8	28.5
	4KA	28.2	28.8	29.6	29.9	28.6	27.2	26.4	26.6	27.3	27.5	28.0	28.5
	4KB	28.2	28.7	29.5	29.9	28.4	27.0	26.3	26.4	27.2	27.4	27.8	28.5
ENNCA	5AA	16.3	17.0	18.0	17.5	17.0	16.1	15.8	16.4	17.0	16.7	16.3	16.5
	5AB	16.6	17.3	18.3	17.8	17.3	16.4	16.0	16.5	17.3	17.1	16.7	16.8
	5AC	18.5	19.2	20.2	19.7	19.2	18.4	18.0	18.6	19.2	19.0	18.6	18.7
	5AD	18.5	19.2	20.3	19.8	19.2	18.4	17.8	18.2	19.2	19.0	18.8	18.7
	5BA	16.9	17.7	18.8	18.4	17.7	17.0	16.0	16.3	17.7	17.7	17.3	17.1
	5BB	15.4	16.1	17.2	16.7	16.0	15.2	14.4	14.8	16.0	15.9	15.6	15.5
	5BC-1	16.6	17.3	18.4	17.9	17.3	16.7	15.9	16.2	17.4	17.3	17.0	16.8
	5BC-2	18.8	19.5	20.7	20.1	19.5	18.8	18.1	18.4	19.5	19.5	19.3	19.0
	5BD	17.5	18.2	19.3	18.8	18.2	17.4	16.8	17.2	18.2	18.0	17.8	17.7
	5BE	15.2	15.9	17.2	16.7	16.0	15.5	14.5	14.8	16.1	16.1	15.9	15.5
	5CA	17.9	18.6	19.6	19.1	18.6	17.8	17.4	17.8	18.6	18.5	18.2	18.1
	5CB	20.1	20.7	21.9	21.6	21.0	20.2	19.3	19.7	20.8	20.8	20.9	20.5
	5CC	19.8	20.4	21.6	21.3	20.8	19.9	19.1	19.4	20.4	20.5	20.8	20.2
	5DA	19.7	20.3	21.7	21.2	20.4	19.9	18.8	19.1	20.7	20.8	20.8	20.0
	5DB	18.7	19.3	20.6	20.1	19.5	18.9	17.9	18.2	19.6	19.6	19.5	18.9
	5DC	18.9	19.6	20.8	20.2	19.5	18.8	18.0	18.4	19.6	19.5	19.5	19.1
	5DD	21.6	22.2	23.5	23.0	22.4	21.7	20.8	21.1	22.4	22.4	22.4	21.8
	5EA	27.7	28.4	29.4	28.6	28.2	27.4	26.3	26.6	27.5	26.9	27.3	27.9
	5EB	26.8	27.3	28.4	27.5	27.1	26.4	25.3	25.6	26.5	26.2	26.7	27.0
	5EC	25.0	25.5	26.7	26.3	25.8	25.0	23.8	24.1	25.2	25.2	25.6	25.4
	5ED	25.4	26.0	27.3	26.9	26.3	25.6	24.4	24.7	26.0	26.1	26.3	25.8
	5FA	27.9	28.5	29.7	29.4	28.7	27.7	26.6	26.9	28.1	28.1	28.4	28.1
	5FB	28.1	28.7	29.8	29.6	29.2	28.2	27.2	27.5	28.5	28.1	28.5	28.5
	5G	26.9	27.6	28.6	27.7	27.0	26.3	25.1	25.4	26.4	25.9	26.1	26.9
	5HA	28.3	29.3	30.5	29.9	29.0	28.3	26.9	27.4	28.3	27.7	27.4	28.7
	5HB	26.8	27.6	28.7	27.9	27.1	26.4	25.1	25.5	26.4	26.0	25.9	27.0
	5J	25.4	25.9	27.2	26.7	26.1	25.4	24.4	24.6	25.6	25.6	25.9	25.7

Monthly Temperature by Sub-basin

Year 2010 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.1	21.9	21.4	21.7	21.3	20.5	20.4	20.4	20.4	21.0	21.0	20.5
	1AB	18.1	19.0	18.4	18.7	18.3	17.5	17.4	17.4	17.4	18.0	17.9	17.5
	1AC	21.6	22.4	21.9	22.2	21.7	21.0	20.9	20.9	20.9	21.5	21.5	21.1
	1AD	23.2	24.0	23.5	23.7	23.3	22.6	22.5	22.5	22.4	23.1	23.1	22.6
	1AE	23.8	24.7	24.2	24.4	23.9	23.2	23.2	23.2	23.1	23.8	23.8	23.3
	1AF	23.2	24.0	23.5	23.8	23.3	22.6	22.5	22.5	22.4	23.1	23.1	22.6
	1AG	23.3	24.2	23.7	23.9	23.4	22.7	22.7	22.7	22.6	23.3	23.3	22.8
	1AH	23.7	24.5	24.0	24.3	23.8	23.1	23.1	23.1	23.0	23.7	23.7	23.2
	1BA	16.5	17.4	17.2	17.5	17.1	16.2	15.9	15.9	16.1	16.8	16.6	16.2
	1BB	17.4	18.3	17.9	18.2	17.8	16.9	16.7	16.7	16.8	17.5	17.3	16.9
	1BC	18.6	19.4	18.8	19.1	18.9	17.9	17.7	17.8	17.9	18.5	18.2	17.9
	1BD	19.1	19.9	19.5	19.8	19.4	18.5	18.2	18.3	18.4	19.0	18.9	18.5
	1BE	18.9	19.7	19.0	19.3	19.2	18.2	18.1	18.1	18.2	18.7	18.5	18.2
	1BG	18.9	19.7	19.0	19.3	19.2	18.2	18.1	18.1	18.2	18.7	18.5	18.2
	1BH	18.4	19.2	18.6	18.9	18.6	17.7	17.5	17.6	17.7	18.2	18.1	17.7
	1CA	17.9	18.7	18.5	18.8	18.2	17.4	17.0	17.1	17.3	18.0	17.8	17.4
	1CB	17.8	18.6	18.3	18.6	18.1	17.2	16.8	16.9	17.1	17.8	17.6	17.2
	1CC	17.0	17.9	17.6	17.9	17.3	16.5	16.2	16.3	16.4	17.2	16.9	16.5
	1CD	18.8	19.6	19.3	19.6	19.0	18.2	17.9	18.0	18.1	18.8	18.7	18.2
	1CE	20.1	20.9	20.4	20.7	20.3	19.4	19.2	19.3	19.3	20.0	19.8	19.5
	1DA	21.3	22.1	21.6	21.8	21.4	20.5	20.4	20.5	20.4	21.1	21.1	20.6
	1DB	18.6	19.4	18.9	19.1	18.8	17.9	17.8	17.8	17.8	18.4	18.4	18.0
	1DC	22.1	23.0	22.5	22.7	22.2	21.5	21.4	21.4	21.4	22.0	22.1	21.6
	1DD	22.6	23.5	23.0	23.2	22.7	22.0	21.9	21.9	21.8	22.5	22.6	22.1
	1EA	20.5	21.3	21.0	21.2	20.6	19.8	19.7	19.7	19.7	20.4	20.5	19.9
	1EB	22.1	22.9	22.6	22.7	22.1	21.4	21.3	21.3	21.2	21.9	22.1	21.6
	1EC	22.0	22.8	22.4	22.6	22.0	21.3	21.3	21.3	21.2	21.8	22.0	21.5
	1ED	22.9	23.8	23.4	23.6	23.0	22.3	22.3	22.3	22.2	22.9	23.0	22.5
	1EE	23.6	24.4	23.9	24.2	23.7	23.0	22.9	23.0	22.9	23.5	23.6	23.1
	1EF	23.8	24.6	24.1	24.4	23.9	23.3	23.2	23.3	23.2	23.8	23.8	23.4
	1EG	23.2	24.0	23.6	23.9	23.2	22.7	22.6	22.7	22.5	23.2	23.3	22.8
	1FA	16.6	17.5	17.2	17.5	17.0	16.2	15.8	15.9	16.1	16.8	16.5	16.1
	1FB	18.8	19.7	19.4	19.7	19.0	18.3	18.1	18.1	18.2	18.9	18.9	18.4
	1FC	19.2	20.0	19.8	20.1	19.4	18.7	18.5	18.6	18.6	19.3	19.3	18.8
	1FD	18.4	19.3	19.0	19.2	18.6	17.9	17.6	17.7	17.8	18.5	18.4	17.9
	1FE	21.2	22.1	21.7	21.9	21.3	20.7	20.6	20.6	20.5	21.2	21.3	20.8
	1FF	21.8	22.7	22.3	22.5	21.9	21.4	21.4	21.4	21.2	22.0	22.0	21.5
	1FG	23.5	24.5	23.9	24.2	23.6	23.1	23.0	23.2	22.9	23.6	23.7	23.2
LVSCA	1GA	17.0	18.0	17.6	17.9	17.4	16.7	16.4	16.5	16.6	17.3	16.9	16.6
	1GB	20.4	21.3	20.8	21.1	20.5	19.9	19.7	19.8	19.8	20.5	20.4	20.0
	1GC	17.2	18.3	17.6	17.9	17.6	16.9	16.5	16.8	16.8	17.3	16.7	16.8
	1GD	22.2	23.1	22.5	22.8	22.2	21.7	21.5	21.7	21.6	22.2	22.1	21.8
	1GE	22.0	22.9	22.2	22.5	21.9	21.5	21.3	21.5	21.4	22.0	21.8	21.6
	1GF	23.0	23.9	23.3	23.6	23.0	22.6	22.4	22.7	22.4	23.1	23.0	22.7
	1GG	17.5	18.5	17.9	18.3	17.9	17.2	16.8	17.0	17.1	17.7	17.2	17.1
	1HA1	21.6	22.6	22.1	22.4	21.8	21.3	21.3	21.4	21.1	21.9	21.9	21.4
	1HA2	24.0	24.9	24.4	24.7	24.1	23.7	23.6	23.8	23.5	24.2	24.2	23.7
	1HB1	23.6	24.6	24.0	24.4	23.7	23.3	23.2	23.4	23.1	23.8	23.8	23.4
	1HB2	23.1	24.1	23.6	23.9	23.3	22.9	22.9	23.0	22.7	23.5	23.5	23.0
	1HC	24.1	25.0	24.4	24.7	24.1	23.6	23.5	23.7	23.5	24.1	24.1	23.7
	1HD	22.6	23.4	22.7	23.1	22.5	22.1	21.8	22.1	21.9	22.5	22.5	22.2
	1HE	22.9	23.6	22.9	23.3	22.7	22.3	22.0	22.4	22.1	22.7	22.6	22.4
	1HF	23.5	24.3	23.7	24.1	23.4	23.0	22.8	23.1	22.8	23.4	23.4	23.1
	1HG	23.4	24.2	23.6	23.9	23.3	22.9	22.7	22.9	22.7	23.3	23.3	23.0
	1JA	16.8	17.8	17.1	17.5	17.1	16.4	16.1	16.3	16.4	16.9	16.3	16.5
	1JB	19.0	20.0	19.2	19.5	19.1	18.6	18.3	18.6	18.5	19.0	18.6	18.6
	1JC	18.0	19.0	18.1	18.5	18.0	17.5	17.2	17.5	17.4	17.9	17.5	17.5
	1JD	20.2	21.1	20.3	20.7	20.1	19.7	19.4	19.7	19.6	20.1	19.9	19.7
	1JE	19.2	20.1	19.3	19.8	19.2	18.6	18.2	18.7	18.6	19.3	18.9	18.9
	1JF	18.4	19.4	18.6	19.0	18.5	17.9	17.5	17.9	17.9	18.5	18.1	18.1
	1JG1	21.5	22.4	21.7	22.1	21.5	21.1	20.8	21.1	20.9	21.5	21.4	21.2
	1JG2	23.3	24.2	23.6	23.9	23.3	22.9	22.7	23.0	22.7	23.4	23.3	23.0
	1KA	22.1	22.8	22.1	22.5	21.9	21.5	21.1	21.5	21.3	21.8	21.8	21.6
	1KB	22.0	22.8	22.1	22.5	21.9	21.5	21.1	21.5	21.3	21.9	21.8	21.6
	1KC	21.0	21.9	21.1	21.6	21.0	20.4	20.1	20.5	20.3	21.1	20.8	20.7
	1LA1	17.0	18.0	17.2	17.6	17.3	16.4	15.9	16.4	16.4	17.1	16.3	16.6
	1LA2	20.4	21.4	20.6	21.1	20.6	19.9	19.4	19.9	19.8	20.6	20.2	20.2
	1LA3	18.7	19.8	19.0	19.4	18.9	17.5	16.8	17.4	17.9	19.1	18.3	18.5
	1LB1	17.1	18.1	17.3	17.8	17.4	16.5	16.0	16.4	16.5	17.2	16.5	16.8
	1LB2	19.2	20.1	19.3	19.8	19.3	18.3	17.7	18.3	18.4	19.3	18.6	18.8

Monthly Temperature by Sub-basin

Year 2010 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.9	28.5	27.1	27.6	26.4	26.9	25.6	25.9	26.8	27.5	26.9	27.1
	2AB	27.4	29.1	27.7	28.5	26.9	27.9	26.7	26.8	27.8	28.5	27.7	27.4
	2BA	19.0	20.0	19.4	19.7	19.4	18.4	18.2	18.3	18.4	19.0	18.8	18.4
	2BB	23.6	24.8	24.1	24.5	23.9	23.4	23.0	23.1	23.4	24.0	23.6	23.1
	2BC	22.0	23.1	22.3	22.7	22.2	21.6	21.3	21.4	21.6	22.1	21.8	21.4
	2BD	26.2	27.9	26.7	27.5	26.0	26.9	26.0	26.1	26.9	27.5	26.8	25.8
	2CA	27.6	29.5	28.2	29.1	27.3	28.6	27.5	27.6	28.6	29.1	28.3	27.4
	2CB	21.0	21.9	21.6	22.0	21.6	20.7	20.3	20.3	20.6	21.3	20.8	20.6
	2CC	25.5	26.8	26.1	26.7	25.7	25.8	25.1	25.1	25.7	26.4	25.8	25.3
	2D	23.7	24.9	24.5	24.9	24.3	23.7	23.2	23.2	23.6	24.4	23.8	23.7
	2EA	19.0	20.2	19.8	20.1	19.9	19.0	18.7	18.6	18.8	19.5	18.7	19.1
	2EB	18.6	19.8	19.4	19.7	19.5	18.5	18.2	18.2	18.3	19.1	18.3	18.7
	2EC	17.9	19.1	18.5	18.9	18.8	18.0	17.5	17.6	17.8	18.3	17.3	17.8
	2ED	16.3	17.3	16.8	17.2	16.8	16.1	15.6	15.8	16.0	16.5	15.8	15.9
	2EE	21.3	22.3	22.0	22.4	22.1	21.2	20.8	20.8	21.0	21.7	21.1	21.1
	2EF	18.6	19.7	19.2	19.6	19.3	18.5	18.1	18.2	18.3	18.9	18.1	18.4
	2EG1	15.0	16.1	15.4	15.8	15.6	14.9	14.5	14.6	14.7	15.2	14.3	14.8
	2EG2	20.9	22.0	21.6	22.0	21.7	20.9	20.5	20.5	20.7	21.3	20.5	20.8
	2EH	22.2	23.1	22.9	23.3	22.9	22.0	21.6	21.6	21.8	22.6	22.1	21.9
	2EJ	20.3	21.5	21.1	21.4	21.1	20.2	19.8	19.9	20.0	20.8	20.0	20.2
	2EK	18.6	19.8	19.4	19.7	19.4	18.5	18.2	18.2	18.3	19.1	18.3	18.6
	2FA	17.2	18.5	17.9	18.2	18.0	17.0	16.6	16.6	16.9	17.6	16.7	17.2
	2FB	17.7	19.0	18.3	18.7	18.5	17.7	17.3	17.3	17.5	18.0	17.1	17.7
	2FC	16.6	17.8	17.1	17.5	17.2	16.3	15.9	16.1	16.2	16.8	15.9	16.5
	2GA	16.6	17.9	17.3	17.6	17.4	16.3	15.9	15.8	16.3	17.1	16.2	16.6
	2GB	14.6	15.9	15.4	15.7	15.4	14.4	13.9	13.8	14.3	15.2	14.3	14.7
	2GC	13.7	15.1	14.5	14.9	14.4	13.2	12.5	12.4	13.3	14.4	13.4	13.7
	2GD	16.2	17.4	16.7	17.1	16.6	15.2	14.5	14.8	15.5	16.7	15.7	16.1
	2H-1	21.2	22.4	21.6	21.9	21.2	19.5	18.6	19.2	20.2	21.7	20.8	21.2
	2H-2	21.8	23.0	22.3	22.5	21.7	20.0	19.1	19.7	20.8	22.4	21.6	21.9
	2H-3	21.2	22.4	21.6	21.8	21.0	19.3	18.4	19.0	20.1	21.8	21.0	21.3
	2J	26.7	28.3	27.1	27.8	26.5	27.1	26.1	26.2	27.1	27.7	27.0	26.6
	2KA	17.1	18.2	17.4	17.9	17.5	16.2	15.5	16.1	16.4	17.4	16.5	16.9
	2KB	19.5	20.7	19.9	20.3	19.7	18.0	17.1	17.8	18.6	20.1	19.1	19.4
	2KC	22.6	23.8	23.0	23.4	22.7	21.0	20.1	20.8	21.6	23.2	22.2	22.5
ACA	3AA	19.4	20.6	19.8	20.0	19.3	17.5	16.7	17.2	18.3	19.9	19.2	19.5
	3AB	19.9	21.1	20.1	20.4	19.5	17.9	17.0	17.6	18.6	20.4	19.6	20.0
	3AC	20.4	21.7	20.8	21.1	20.2	18.6	17.7	18.2	19.3	21.2	20.5	20.8
	3BA	19.2	20.4	19.6	20.0	19.2	17.5	16.6	17.1	18.2	19.8	19.0	19.4
	3BB	19.3	20.5	19.7	20.1	19.3	17.6	16.7	17.1	18.3	19.9	19.1	19.5
	3BC	17.8	19.0	18.3	18.7	17.8	16.2	15.3	15.6	16.8	18.5	17.6	18.0
	3BD	18.5	19.8	19.0	19.5	18.6	17.1	16.2	16.4	17.7	19.4	18.6	18.9
	3CB	19.2	20.6	19.8	20.3	19.4	17.9	17.0	17.1	18.4	20.3	19.5	19.8
	3DA	21.5	22.8	21.9	22.4	21.4	19.9	19.0	19.2	20.5	22.5	21.7	22.0
	3DB	22.8	24.1	23.1	23.5	22.5	21.1	20.1	20.4	21.6	23.6	22.8	23.1
	3EA	20.1	21.4	20.4	20.7	19.8	18.2	17.2	17.7	18.9	20.8	20.0	20.2
	3EB	21.2	22.5	21.4	21.8	20.8	19.3	18.3	18.8	20.0	21.9	21.1	21.3
	3EC	21.2	22.4	21.3	21.6	20.7	19.2	18.1	18.7	19.8	21.6	20.9	21.1
	3ED	23.3	24.5	23.5	23.7	22.9	21.6	20.5	20.7	21.8	23.9	23.2	23.4
	3FA	22.4	23.5	22.5	22.7	21.9	20.4	19.3	19.8	20.8	22.7	22.1	22.2
	3FB	25.0	25.9	25.1	25.1	24.4	23.0	21.8	22.2	23.1	25.1	24.6	24.7
	3G	23.6	24.5	23.8	23.8	23.0	21.7	20.4	21.0	21.9	23.9	23.4	23.5
	3HA	25.3	25.8	26.0	25.5	24.8	23.9	22.5	23.1	24.0	25.7	25.6	25.7
	3HB	26.6	27.4	27.9	27.2	26.3	25.6	24.3	24.6	25.3	26.9	27.1	27.4
	3HC	27.4	27.9	28.7	27.9	26.9	26.4	25.1	25.3	25.9	27.3	27.8	27.9
	3HD1	27.4	27.9	28.7	27.9	26.7	26.3	25.0	25.0	25.6	27.0	27.6	27.6
	3HD2	27.9	28.3	29.2	28.4	27.3	26.8	25.6	25.6	26.2	27.6	28.2	28.2
	3J	23.5	24.3	24.1	23.8	23.0	21.9	20.6	21.4	22.3	24.1	23.8	23.9
	3K	27.2	27.8	28.4	27.7	26.6	26.0	24.6	25.2	25.9	27.5	27.6	28.0
	3LA	26.0	26.6	27.1	26.5	25.5	24.8	23.5	23.9	24.6	26.2	26.4	26.6
	3LB	27.6	28.0	28.8	28.1	26.8	26.4	25.1	25.1	25.7	27.1	27.7	27.7
	3MA-1	23.9	24.6	24.9	24.3	23.5	22.7	21.3	21.9	22.7	24.4	24.4	24.6
	3MA-2	25.7	26.4	26.9	26.2	25.2	24.5	23.2	23.7	24.4	26.0	26.1	26.5
	3MB	26.8	27.3	28.0	27.3	26.1	25.5	24.1	24.7	25.4	26.9	27.1	27.5
	3MC	26.8	27.3	27.9	27.2	26.1	25.5	24.1	24.7	25.4	26.9	27.1	27.4
	3MD1	27.4	27.7	28.5	27.8	26.6	26.0	24.5	25.2	25.9	27.3	27.7	27.9
	3MD2	27.9	28.1	28.9	28.2	27.0	26.4	25.0	25.6	26.3	27.8	28.1	28.4
	3N	21.6	22.8	21.8	21.9	21.2	19.6	18.5	19.1	20.1	22.0	21.3	21.5

Monthly Temperature by Sub-basin

Year 2010 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.2	16.8	16.0	16.3	16.0	14.7	13.4	13.4	14.8	16.3	15.0	15.2
	4AB	15.9	17.5	16.8	17.1	16.7	15.5	14.3	14.3	15.5	17.0	15.7	15.9
	4AC	15.6	17.2	16.5	16.9	16.4	15.2	14.0	13.7	15.1	16.7	15.5	15.6
	4AD	15.8	17.4	16.6	17.1	16.6	15.3	14.0	13.8	15.3	17.0	15.7	15.8
	4BA	20.1	21.6	20.9	21.3	20.8	19.5	18.1	17.9	19.6	21.4	20.1	20.2
	4BB	17.1	18.7	17.9	18.2	17.8	16.5	15.2	15.1	16.7	18.3	16.9	17.2
	4BC	20.2	21.6	20.9	21.3	20.8	19.4	18.1	18.0	19.6	21.3	19.9	20.2
	4BD	18.0	19.5	18.7	19.3	18.6	17.2	15.9	15.8	17.5	19.2	18.0	18.1
	4BE	19.3	20.8	20.0	20.6	19.8	18.4	17.1	17.0	18.7	20.5	19.4	19.5
	4BF	21.1	22.5	21.8	22.4	21.5	20.1	19.0	18.9	20.5	22.4	21.4	21.6
	4BG	22.2	23.6	22.8	23.3	22.6	21.3	20.0	19.9	21.5	23.5	22.5	22.7
	4CA	15.7	17.1	16.3	16.9	16.0	14.6	13.5	13.6	15.0	16.8	15.8	16.0
	4CB	17.7	19.1	18.3	19.0	18.1	16.6	15.6	15.6	17.0	18.8	17.9	18.1
	4CC	21.4	22.7	21.9	22.4	21.5	20.1	19.1	19.1	20.5	22.5	21.7	22.0
	4DA	19.7	21.1	20.4	20.7	20.3	19.0	17.6	17.5	19.2	20.9	19.6	19.9
	4DB	17.8	19.2	18.5	18.8	18.4	17.2	15.8	15.6	17.3	19.0	17.6	18.0
	4DC	17.3	18.6	18.0	18.1	17.8	16.6	15.2	15.1	16.7	18.4	17.1	17.4
	4DD	22.2	23.6	23.0	23.3	22.8	21.5	20.1	19.9	21.7	23.5	22.2	22.6
	4DE	22.5	23.8	23.0	23.4	22.6	21.3	20.1	20.1	21.6	23.7	22.7	22.9
	4EA	20.0	21.4	20.8	20.9	20.6	19.4	18.2	18.2	19.7	21.2	19.8	20.5
	4EB	18.9	20.3	19.7	19.8	19.5	18.3	17.0	17.0	18.5	20.1	18.7	19.3
	4EC	22.0	23.3	22.7	23.0	22.5	21.3	20.0	19.7	21.5	23.2	21.8	22.2
	4ED	23.1	24.4	23.7	24.0	23.4	22.1	20.8	20.8	22.4	24.2	23.0	23.5
	4FA	20.7	22.2	21.6	21.8	21.4	20.2	19.1	19.0	20.5	22.0	20.6	21.4
	4FB	24.5	25.9	25.3	25.5	25.1	24.0	22.8	22.7	24.2	25.7	24.3	24.9
	4GA	26.1	27.4	26.9	26.7	26.4	25.3	24.2	24.2	25.4	26.9	25.8	26.1
	4GB	27.5	28.7	28.3	27.9	27.5	26.6	25.4	25.4	26.5	27.9	27.3	27.2
	4GC	29.4	30.4	30.2	29.2	28.7	28.0	26.8	26.8	27.7	29.1	29.2	28.4
	4GD	28.3	29.3	29.1	28.4	27.9	27.1	25.8	25.7	26.8	28.2	28.1	27.5
	4GE	27.4	28.4	28.1	27.7	27.2	26.1	24.8	24.8	26.0	27.6	27.2	26.9
	4GF	27.4	28.2	28.1	27.7	27.0	26.0	24.8	24.9	25.7	27.3	27.3	27.1
	4GG	27.8	28.3	29.1	28.5	27.4	26.9	25.7	25.8	26.4	27.8	28.2	28.2
	4HA	24.5	25.6	24.7	24.9	24.2	22.8	21.6	21.9	23.0	25.1	24.4	24.5
	4HB	27.2	28.0	27.9	27.5	26.7	25.8	24.5	24.8	25.6	27.3	27.3	27.1
	4HC	26.6	27.3	27.5	27.0	26.2	25.3	24.0	24.5	25.2	26.9	26.9	27.1
	4JA	29.3	30.2	30.2	29.3	28.4	27.7	26.9	26.8	27.6	28.7	29.0	28.7
	4JB	28.6	29.2	29.9	29.1	27.9	27.4	26.5	26.5	27.1	28.3	28.8	28.9
	4KA	28.8	29.5	30.0	29.1	28.1	27.5	26.5	26.5	27.1	28.3	28.8	28.8
	4KB	28.6	29.2	29.9	29.1	28.1	27.5	26.4	26.3	26.9	28.2	28.7	28.6
ENNCA	5AA	16.1	17.4	17.0	17.2	17.0	15.9	15.7	15.6	15.7	16.7	15.9	16.3
	5AB	16.4	17.8	17.3	17.5	17.2	16.2	15.8	15.8	16.0	17.1	16.2	16.5
	5AC	18.3	19.7	19.1	19.3	19.1	18.1	17.7	17.8	18.0	18.9	18.0	18.4
	5AD	18.3	19.8	19.2	19.4	19.1	18.0	17.5	17.5	17.9	19.1	18.0	18.5
	5BA	16.9	18.4	17.7	18.0	17.7	16.4	15.5	15.5	16.4	17.8	16.6	16.8
	5BB	15.2	16.7	16.0	16.2	16.0	14.8	14.0	14.0	14.7	16.0	14.9	15.1
	5BC-1	16.5	18.1	17.4	17.5	17.3	16.2	15.4	15.5	16.1	17.4	16.1	16.5
	5BC-2	18.7	20.2	19.6	19.7	19.5	18.4	17.7	17.8	18.3	19.6	18.3	18.8
	5BD	17.3	18.8	18.2	18.4	18.1	17.1	16.5	16.5	16.9	18.1	17.1	17.4
	5BE	15.3	16.8	16.1	16.2	16.0	14.9	14.0	14.2	14.9	16.2	14.9	15.3
	5CA	17.8	19.1	18.6	18.8	18.6	17.6	17.1	17.2	17.5	18.5	17.5	18.0
	5CB	20.2	21.6	21.1	21.3	21.1	19.9	19.1	19.2	19.9	21.1	20.0	20.8
	5CC	20.1	21.4	20.9	21.1	20.9	19.8	19.0	19.1	19.6	20.8	19.9	20.9
	5DA	19.9	21.3	20.7	20.8	20.5	19.4	18.3	18.3	19.6	21.0	19.6	20.3
	5DB	18.7	20.2	19.6	19.7	19.5	18.3	17.4	17.5	18.4	19.8	18.4	19.0
	5DC	18.7	20.2	19.6	19.8	19.5	18.4	17.7	17.8	18.4	19.7	18.5	19.1
	5DD	21.6	23.1	22.5	22.7	22.4	21.2	20.5	20.5	21.3	22.7	21.4	21.9
	5EA	28.9	29.8	28.7	28.5	27.9	26.8	26.2	26.3	27.2	28.0	28.0	28.5
	5EB	28.0	29.0	27.8	27.5	26.9	25.8	25.0	25.3	26.2	27.1	27.0	28.0
	5EC	25.8	26.9	26.2	26.2	26.0	24.8	23.6	23.8	24.7	25.8	25.2	26.5
	5ED	26.1	27.3	26.7	26.7	26.2	25.1	24.2	24.3	25.3	26.5	25.7	26.5
	5FA	28.7	29.8	29.5	28.9	28.2	27.3	26.5	26.4	27.4	28.7	28.5	28.4
	5FB	29.4	30.4	29.9	29.4	28.5	27.6	27.1	27.1	28.0	29.1	29.0	29.4
	5G	27.6	28.7	27.2	27.3	27.1	25.9	24.9	25.1	26.1	26.8	26.7	27.2
	5HA	28.8	30.1	28.3	28.9	29.1	28.1	26.9	27.1	28.0	28.5	28.2	28.1
	5HB	27.4	28.5	26.9	27.2	27.2	26.1	25.0	25.2	26.1	26.8	26.5	27.0
	5J	26.1	27.4	26.2	26.5	25.6	25.4	24.1	24.4	25.3	26.2	25.6	26.6

Monthly Temperature by Sub-basin

Year 2021 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.6	22.5	22.7	21.2	21.0	20.5	19.7	20.5	21.5	22.3	21.4	20.9
	1AB	18.7	19.6	19.8	18.2	18.1	17.6	16.8	17.5	18.6	19.3	18.4	18.0
	1AC	22.1	23.0	23.2	21.6	21.5	21.0	20.2	20.9	22.0	22.8	21.9	21.4
	1AD	23.7	24.6	24.7	23.2	23.0	22.5	21.7	22.4	23.5	24.3	23.4	23.0
	1AE	24.3	25.2	25.3	23.8	23.6	23.1	22.3	23.0	24.1	24.9	24.0	23.6
	1AF	23.6	24.5	24.7	23.2	23.0	22.5	21.7	22.4	23.5	24.3	23.4	22.9
	1AG	23.8	24.7	24.8	23.3	23.1	22.6	21.8	22.5	23.6	24.4	23.5	23.1
	1AH	24.1	25.0	25.1	23.6	23.4	22.9	22.0	22.8	23.9	24.7	23.8	23.4
	1BA	17.2	18.2	18.3	16.7	16.6	16.1	15.3	16.1	17.2	17.9	17.0	16.6
	1BB	18.0	19.0	19.2	17.6	17.5	17.0	16.2	17.0	18.0	18.7	17.8	17.4
	1BC	19.1	20.1	20.3	18.7	18.6	18.2	17.4	18.1	19.2	19.9	18.9	18.4
	1BD	19.6	20.5	20.7	19.1	19.0	18.5	17.7	18.5	19.5	20.3	19.4	18.9
	1BE	19.4	20.3	20.6	19.0	18.9	18.4	17.6	18.4	19.4	20.1	19.2	18.7
	1BG	19.4	20.3	20.5	18.9	18.8	18.4	17.6	18.3	19.4	20.1	19.2	18.7
	1BH	18.9	19.9	20.0	18.5	18.3	17.9	17.1	17.8	18.9	19.6	18.7	18.2
	1CA	18.4	19.3	19.4	17.9	17.7	17.2	16.4	17.2	18.3	19.1	18.2	17.7
	1CB	18.1	19.1	19.2	17.7	17.5	16.9	16.1	16.9	18.0	18.8	17.9	17.5
	1CC	17.3	18.2	18.3	16.8	16.6	16.0	15.1	16.0	17.1	18.0	17.1	16.7
	1CD	19.3	20.2	20.3	18.8	18.6	18.1	17.2	18.1	19.1	19.9	19.1	18.6
	1CE	20.6	21.5	21.6	20.1	19.9	19.4	18.6	19.4	20.5	21.3	20.4	19.9
	1DA	21.7	22.7	22.8	21.3	21.1	20.6	19.8	20.5	21.6	22.4	21.5	21.1
	1DB	19.1	20.0	20.2	18.7	18.5	18.0	17.2	18.0	19.0	19.8	18.9	18.4
	1DC	22.6	23.5	23.7	22.1	22.0	21.5	20.6	21.4	22.5	23.3	22.4	21.9
	1DD	23.1	24.0	24.1	22.6	22.4	21.9	21.1	21.8	22.9	23.7	22.8	22.4
	1EA	20.9	21.8	21.9	20.4	20.2	19.7	18.8	19.7	20.7	21.6	20.7	20.2
	1EB	22.6	23.5	23.6	22.1	21.9	21.4	20.5	21.4	22.4	23.2	22.4	21.9
	1EC	22.5	23.4	23.5	22.0	21.8	21.3	20.4	21.3	22.3	23.1	22.3	21.8
	1ED	23.4	24.3	24.4	22.9	22.6	22.1	21.3	22.1	23.1	24.0	23.1	22.7
	1EE	23.9	24.8	24.9	23.4	23.2	22.7	21.8	22.6	23.7	24.5	23.7	23.2
	1EF	24.1	25.0	25.1	23.6	23.3	22.8	22.0	22.7	23.8	24.6	23.8	23.4
	1EG	23.5	24.3	24.4	23.0	22.7	22.2	21.3	22.1	23.2	24.1	23.2	22.8
	1FA	16.9	17.9	17.9	16.4	16.2	15.7	14.7	15.6	16.7	17.6	16.7	16.3
	1FB	19.2	20.1	20.2	18.7	18.5	18.0	17.1	17.9	19.0	19.8	19.0	18.5
	1FC	19.5	20.4	20.5	19.0	18.8	18.3	17.4	18.2	19.3	20.2	19.3	18.9
	1FD	18.6	19.6	19.6	18.2	17.9	17.4	16.4	17.3	18.4	19.3	18.4	18.0
	1FE	21.5	22.4	22.5	21.0	20.8	20.2	19.4	20.2	21.3	22.1	21.3	20.8
	1FF	22.0	22.9	23.0	21.5	21.3	20.7	19.8	20.7	21.7	22.6	21.8	21.3
	1FG	23.7	24.6	24.7	23.2	23.0	22.4	21.6	22.4	23.4	24.3	23.4	23.0
LVSCA	1GA	17.2	18.2	18.2	16.8	16.5	15.9	15.0	15.9	16.9	17.9	17.0	16.6
	1GB	20.4	21.3	21.4	19.9	19.7	19.1	18.2	19.1	20.1	21.1	20.2	19.8
	1GC	17.4	18.4	18.4	16.9	16.7	16.0	15.1	16.0	17.1	18.1	17.2	16.8
	1GD	22.0	23.0	23.0	21.6	21.3	20.7	19.8	20.7	21.7	22.7	21.8	21.4
	1GE	21.8	22.7	22.7	21.3	21.1	20.4	19.5	20.4	21.4	22.4	21.6	21.2
	1GF	22.9	23.8	23.8	22.4	22.1	21.5	20.6	21.5	22.5	23.5	22.7	22.2
	1GG	17.7	18.6	18.7	17.2	17.0	16.3	15.4	16.3	17.4	18.3	17.5	17.1
	1HA1	21.7	22.6	22.7	21.2	21.0	20.4	19.5	20.4	21.4	22.3	21.5	21.1
	1HA2	23.9	24.8	24.9	23.5	23.2	22.6	21.7	22.6	23.6	24.5	23.7	23.3
	1HB1	23.7	24.6	24.7	23.2	23.0	22.4	21.5	22.3	23.4	24.3	23.5	23.0
	1HB2	23.1	24.0	24.0	22.6	22.3	21.8	20.9	21.7	22.8	23.7	22.8	22.4
	1HC	24.1	25.0	25.1	23.6	23.4	22.8	21.9	22.8	23.8	24.7	23.9	23.5
	1HD	22.4	23.3	23.3	21.9	21.6	21.0	20.1	21.0	22.0	23.0	22.2	21.8
	1HE	22.7	23.6	23.6	22.2	21.9	21.3	20.4	21.2	22.3	23.2	22.4	22.0
	1HF	23.4	24.3	24.3	22.9	22.6	22.0	21.1	22.0	23.0	24.0	23.2	22.8
	1HG	23.3	24.2	24.3	22.8	22.5	21.9	21.1	21.9	22.9	23.9	23.1	22.7
	1JA	17.0	17.9	17.9	16.5	16.2	15.6	14.6	15.6	16.6	17.6	16.8	16.4
	1JB	18.9	19.8	19.8	18.4	18.1	17.5	16.5	17.5	18.5	19.5	18.7	18.3
	1JC	17.9	18.8	18.8	17.4	17.1	16.5	15.5	16.5	17.5	18.5	17.7	17.3
	1JD	20.0	20.9	20.9	19.5	19.2	18.6	17.6	18.6	19.6	20.6	19.8	19.4
	1JE	19.3	20.2	20.2	18.8	18.5	17.8	16.9	17.8	18.8	19.9	19.1	18.7
	1JF	18.6	19.5	19.5	18.1	17.8	17.1	16.2	17.1	18.1	19.2	18.4	17.9
	1JG1	21.4	22.3	22.3	20.9	20.6	20.0	19.0	20.0	21.0	22.0	21.2	20.7
	1JG2	23.2	24.1	24.1	22.7	22.4	21.8	20.9	21.8	22.8	23.8	23.0	22.5
	1KA	21.9	22.8	22.8	21.4	21.1	20.4	19.5	20.4	21.4	22.4	21.7	21.2
	1KB	21.9	22.8	22.8	21.4	21.1	20.4	19.5	20.4	21.4	22.4	21.7	21.2
	1KC	21.1	22.0	21.9	20.6	20.2	19.6	18.6	19.6	20.6	21.6	20.9	20.4
	1LA1	17.4	18.3	18.3	16.9	16.6	15.9	15.0	15.9	17.0	18.0	17.2	16.8
	1LA2	20.6	21.5	21.5	20.1	19.8	19.1	18.2	19.1	20.1	21.2	20.5	20.0
	1LA3	19.2	20.0	20.0	19.0	18.6	17.8	16.7	17.5	18.5	19.7	19.2	18.7
	1LB1	17.6	18.6	18.5	17.2	16.9	16.2	15.2	16.2	17.2	18.3	17.5	17.0
	1LB2	19.4	20.3	20.3	19.1	18.7	18.0	17.0	17.8	18.9	20.0	19.4	18.9

Monthly Temperature by Sub-basin

Year 2021 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	28.0	29.0	29.4	27.6	27.7	27.5	27.0	27.6	28.6	28.9	27.8	27.3
	2AB	28.5	29.5	30.1	28.2	28.5	28.3	27.8	28.2	29.3	29.6	28.3	27.7
	2BA	19.7	20.7	20.9	19.3	19.2	18.9	18.1	18.8	19.9	20.5	19.5	19.0
	2BB	24.3	25.3	25.6	23.9	23.9	23.6	22.9	23.6	24.6	25.1	24.1	23.6
	2BC	22.7	23.6	23.9	22.3	22.3	21.9	21.2	21.9	22.9	23.5	22.4	21.9
	2BD	27.1	28.0	28.7	26.9	27.2	27.1	26.5	26.9	28.0	28.2	26.9	26.3
	2CA	28.6	29.6	30.4	28.5	29.0	28.9	28.3	28.7	29.8	29.9	28.5	27.8
	2CB	21.5	22.5	22.6	21.0	20.9	20.3	19.4	20.4	21.4	22.2	21.3	20.9
	2CC	26.5	27.4	27.9	26.1	26.2	25.9	25.2	25.9	26.9	27.4	26.3	25.7
	2D	24.9	25.9	26.1	24.4	24.3	23.9	23.2	24.1	25.0	25.7	24.7	24.2
	2EA	20.0	21.0	21.0	19.5	19.3	18.6	17.6	18.7	19.7	20.7	19.8	19.4
	2EB	19.7	20.7	20.7	19.2	19.0	18.3	17.3	18.4	19.4	20.4	19.5	19.1
	2EC	18.8	19.8	19.8	18.4	18.1	17.4	16.4	17.5	18.5	19.6	18.7	18.2
	2ED	16.7	17.7	17.7	16.3	16.0	15.4	14.5	15.4	16.5	17.4	16.6	16.1
	2EE	22.1	23.1	23.1	21.6	21.4	20.8	19.9	20.9	21.9	22.8	22.0	21.5
	2EF	19.3	20.3	20.3	18.8	18.6	18.0	17.0	18.0	19.0	20.0	19.1	18.7
	2EG1	15.7	16.6	16.6	15.2	14.9	14.3	13.3	14.3	15.3	16.4	15.5	15.1
	2EG2	21.8	22.8	22.8	21.3	21.1	20.5	19.5	20.5	21.6	22.5	21.6	21.2
	2EH	23.1	24.0	24.1	22.6	22.4	21.8	20.9	21.9	22.9	23.8	22.9	22.4
	2EJ	21.4	22.4	22.5	20.9	20.8	20.2	19.3	20.3	21.3	22.2	21.3	20.8
	2EK	19.6	20.6	20.6	19.1	18.9	18.3	17.3	18.4	19.4	20.3	19.4	19.0
	2FA	17.9	18.9	18.9	17.5	17.2	16.5	15.4	16.5	17.6	18.7	17.8	17.3
	2FB	18.4	19.4	19.4	18.0	17.7	17.0	16.0	17.1	18.1	19.2	18.3	17.8
	2FC	17.3	18.2	18.2	16.8	16.5	15.8	14.8	15.8	16.9	18.0	17.1	16.7
	2GA	17.4	18.4	18.3	16.9	16.6	15.9	14.8	16.0	17.1	18.1	17.3	16.8
	2GB	15.5	16.5	16.4	15.0	14.8	14.0	12.9	14.1	15.2	16.3	15.4	14.9
	2GC	14.5	15.6	15.5	14.1	13.8	13.0	11.9	13.1	14.2	15.4	14.5	13.9
	2GD	17.0	18.0	17.9	16.5	16.2	15.4	14.4	15.5	16.6	17.7	16.9	16.4
	2H-1	21.8	22.7	22.6	21.6	21.1	20.3	19.2	20.1	21.2	22.4	21.8	21.3
	2H-2	22.3	23.1	23.1	22.1	21.6	20.7	19.6	20.5	21.6	22.8	22.4	21.8
	2H-3	21.8	22.5	22.2	21.3	20.5	19.8	18.7	19.7	20.5	21.9	21.7	21.3
	2J	27.8	28.7	29.2	27.4	27.5	27.3	26.8	27.2	28.3	28.6	27.5	26.9
	2KA	18.0	18.9	18.8	17.6	17.2	16.5	15.5	16.4	17.5	18.6	17.9	17.4
	2KB	20.3	21.2	21.2	20.2	19.7	18.9	17.8	18.7	19.7	20.9	20.4	19.8
	2KC	23.4	24.2	24.2	23.3	22.7	21.9	20.8	21.6	22.7	23.9	23.5	22.9
ACA	3AA	19.6	20.4	20.2	19.3	18.6	17.8	16.7	17.7	18.7	20.0	19.6	19.2
	3AB	20.2	20.9	20.7	19.7	19.0	18.2	17.1	18.1	19.0	20.4	20.1	19.7
	3AC	20.7	21.5	21.3	20.3	19.6	18.8	17.7	18.8	19.8	21.2	20.7	20.2
	3BA	19.4	20.3	20.1	19.2	18.6	17.7	16.6	17.7	18.7	20.0	19.5	19.0
	3BB	19.5	20.4	20.2	19.2	18.6	17.8	16.7	17.8	18.8	20.1	19.5	19.0
	3BC	18.2	19.2	19.0	17.9	17.4	16.6	15.5	16.6	17.7	18.9	18.2	17.7
	3BD	19.1	20.0	19.8	18.7	18.2	17.4	16.3	17.4	18.5	19.8	19.0	18.6
	3CB	19.9	20.8	20.7	19.5	19.0	18.2	17.0	18.2	19.3	20.6	19.9	19.4
	3DA	21.9	22.8	22.6	21.6	21.0	20.1	19.0	20.1	21.2	22.5	22.0	21.5
	3DB	23.3	24.1	23.9	23.0	22.2	21.4	20.3	21.3	22.3	23.7	23.3	22.8
	3EA	20.5	21.4	21.1	20.2	19.4	18.6	17.5	18.6	19.6	21.0	20.5	20.1
	3EB	21.7	22.4	22.2	21.3	20.5	19.7	18.6	19.7	20.6	22.0	21.6	21.2
	3EC	21.6	22.3	22.0	21.1	20.3	19.5	18.5	19.5	20.3	21.8	21.5	21.1
	3ED	23.8	24.6	24.3	23.5	22.6	21.8	20.8	21.8	22.6	24.1	23.8	23.4
	3FA	22.8	23.4	23.2	22.3	21.4	20.7	19.6	20.6	21.4	22.8	22.8	22.3
	3FB	25.7	26.2	26.0	25.2	24.2	23.4	22.3	23.2	23.8	25.4	25.7	25.1
	3G	24.7	25.2	24.9	24.1	23.1	22.3	21.2	22.0	22.7	24.3	24.7	24.0
	3HA	27.6	27.9	27.7	26.9	25.9	25.0	23.8	24.7	25.2	27.0	27.6	26.7
	3HB	29.3	29.6	29.5	28.8	27.6	26.7	25.7	26.5	27.0	28.7	29.2	28.5
	3HC	29.8	30.2	30.0	29.5	28.2	27.4	26.5	27.1	27.7	29.2	29.7	29.2
	3HD1	29.9	30.2	30.0	29.6	28.2	27.4	26.6	27.1	27.7	29.2	29.7	29.3
	3HD2	30.2	30.5	30.3	30.0	28.5	27.7	27.0	27.4	28.0	29.4	30.0	29.7
	3J	25.4	25.8	25.6	24.8	23.7	22.9	21.8	22.6	23.2	24.9	25.4	24.7
	3K	29.8	30.2	30.0	29.3	28.1	27.2	26.3	27.0	27.6	29.2	29.6	29.1
	3LA	28.7	29.0	28.8	28.1	26.9	26.1	25.0	25.8	26.3	28.0	28.6	27.9
	3LB	30.1	30.4	30.2	29.7	28.3	27.5	26.7	27.2	27.9	29.3	29.9	29.5
	3MA-1	26.5	26.8	26.6	25.8	24.7	23.8	22.7	23.5	24.1	25.8	26.4	25.7
	3MA-2	28.5	28.8	28.6	27.9	26.7	25.8	24.8	25.5	26.1	27.8	28.3	27.7
	3MB	29.5	29.8	29.6	29.0	27.7	26.9	25.9	26.6	27.2	28.8	29.3	28.7
	3MC	29.4	29.7	29.5	28.8	27.6	26.8	25.8	26.5	27.1	28.7	29.2	28.6
	3MD1	30.0	30.3	30.1	29.5	28.2	27.4	26.5	27.1	27.7	29.3	29.8	29.3
	3MD2	30.4	30.7	30.5	29.9	28.6	27.8	26.9	27.5	28.1	29.7	30.1	29.7
	3N	22.2	22.8	22.5	21.7	20.7	20.0	18.9	19.8	20.6	22.1	22.1	21.7

Monthly Temperature by Sub-basin

Year 2021 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	16.2	17.3	17.2	15.9	15.6	14.7	13.5	14.9	16.1	17.3	16.2	15.6
	4AB	16.9	18.0	17.9	16.5	16.2	15.4	14.2	15.5	16.7	17.9	16.9	16.3
	4AC	16.5	17.6	17.5	16.2	15.9	15.0	13.9	15.2	16.3	17.5	16.5	16.0
	4AD	16.8	17.9	17.8	16.4	16.1	15.3	14.1	15.4	16.6	17.8	16.8	16.2
	4BA	20.8	22.0	21.9	20.6	20.3	19.4	18.1	19.5	20.8	22.0	20.9	20.3
	4BB	17.9	19.1	19.0	17.7	17.4	16.5	15.2	16.6	17.9	19.1	18.0	17.4
	4BC	20.7	21.9	21.8	20.5	20.2	19.2	17.9	19.4	20.6	21.9	20.8	20.2
	4BD	18.8	19.9	19.8	18.5	18.2	17.3	16.1	17.4	18.6	19.8	18.8	18.3
	4BE	20.0	21.1	20.9	19.7	19.3	18.4	17.2	18.5	19.7	21.0	20.0	19.5
	4BF	21.6	22.7	22.5	21.4	20.9	20.0	18.8	20.0	21.2	22.5	21.7	21.2
	4BG	22.8	23.8	23.6	22.5	22.0	21.1	19.9	21.2	22.3	23.7	22.8	22.3
	4CA	16.6	17.6	17.5	16.2	15.9	15.0	13.9	15.1	16.2	17.4	16.6	16.0
	4CB	18.5	19.5	19.4	18.1	17.8	16.9	15.8	17.0	18.1	19.4	18.5	18.0
	4CC	21.9	22.9	22.7	21.6	21.1	20.2	19.0	20.2	21.3	22.7	22.0	21.5
	4DA	20.3	21.5	21.3	20.1	19.8	18.8	17.5	18.9	20.2	21.5	20.4	19.8
	4DB	18.4	19.7	19.6	18.3	18.0	17.0	15.7	17.2	18.5	19.7	18.6	18.0
	4DC	17.9	19.1	19.0	17.7	17.4	16.5	15.1	16.6	17.9	19.2	18.0	17.4
	4DD	22.9	24.1	23.9	22.7	22.3	21.4	20.1	21.5	22.7	24.0	23.1	22.5
	4DE	23.1	24.1	23.9	22.9	22.3	21.4	20.2	21.5	22.6	23.9	23.2	22.7
	4EA	21.3	22.4	22.3	20.9	20.5	19.7	18.5	19.8	21.0	22.2	21.3	20.7
	4EB	19.9	21.0	20.9	19.6	19.2	18.3	17.1	18.4	19.6	20.9	20.0	19.4
	4EC	22.7	23.9	23.7	22.5	22.1	21.2	19.9	21.3	22.5	23.8	22.8	22.2
	4ED	24.0	24.9	24.8	23.7	23.1	22.2	21.1	22.3	23.3	24.7	24.0	23.5
	4FA	22.3	23.4	23.3	22.0	21.5	20.7	19.6	20.9	21.9	23.2	22.3	21.8
	4FB	25.9	26.9	26.7	25.5	24.8	24.1	23.1	24.2	25.2	26.4	25.9	25.4
	4GA	27.2	28.1	27.9	26.7	25.9	25.3	24.4	25.4	26.3	27.5	27.1	26.7
	4GB	28.2	29.0	28.7	27.7	26.7	26.1	25.2	26.2	27.0	28.3	28.0	27.7
	4GC	29.3	30.0	29.6	28.7	27.6	27.0	26.2	27.0	27.8	29.0	28.9	28.8
	4GD	28.6	29.3	29.0	28.1	27.1	26.4	25.5	26.3	27.1	28.4	28.3	28.1
	4GE	27.9	28.6	28.4	27.6	26.6	25.8	24.9	25.8	26.6	27.9	27.8	27.4
	4GF	28.2	28.8	28.6	27.9	26.8	26.1	25.2	25.9	26.6	28.0	28.1	27.7
	4GG	29.8	30.1	30.0	29.7	28.2	27.4	26.7	27.0	27.7	29.0	29.6	29.4
	4HA	25.2	25.9	25.6	24.8	23.9	23.1	22.1	23.0	23.8	25.3	25.2	24.7
	4HB	28.4	28.9	28.7	28.0	26.9	26.1	25.2	25.9	26.6	28.1	28.3	27.8
	4HC	28.7	29.1	28.9	28.3	27.1	26.3	25.3	26.0	26.7	28.2	28.6	28.0
	4JA	29.7	30.3	30.0	29.1	27.8	27.3	26.6	27.2	27.9	29.2	29.3	29.2
	4JB	29.9	30.3	30.1	29.7	28.2	27.5	26.8	27.1	27.8	29.1	29.6	29.5
	4KA	29.8	30.2	30.0	29.5	28.0	27.4	26.7	27.1	27.8	29.0	29.5	29.4
	4KB	29.7	30.1	29.9	29.6	28.1	27.4	26.7	27.0	27.7	29.0	29.5	29.4
ENNCA	5AA	17.3	18.3	18.3	16.8	16.6	15.9	14.8	16.0	17.1	18.1	17.2	16.7
	5AB	17.5	18.5	18.5	17.0	16.8	16.1	15.0	16.2	17.3	18.3	17.4	16.9
	5AC	19.6	20.6	20.6	19.1	18.9	18.2	17.2	18.4	19.4	20.4	19.5	19.0
	5AD	19.6	20.6	20.6	19.1	18.9	18.2	17.1	18.3	19.4	20.4	19.5	19.0
	5BA	17.9	19.0	18.9	17.5	17.3	16.4	15.3	16.6	17.7	18.9	17.9	17.3
	5BB	16.1	17.2	17.1	15.7	15.4	14.6	13.5	14.8	15.9	17.0	16.1	15.5
	5BC-1	17.7	18.8	18.7	17.3	17.0	16.2	15.1	16.4	17.5	18.6	17.7	17.1
	5BC-2	20.2	21.3	21.2	19.7	19.5	18.8	17.7	18.9	20.0	21.1	20.1	19.6
	5BD	18.5	19.5	19.5	18.0	17.8	17.0	16.0	17.2	18.3	19.3	18.4	17.9
	5BE	16.6	17.7	17.7	16.2	16.0	15.2	14.1	15.3	16.5	17.6	16.6	16.0
	5CA	19.4	20.4	20.5	18.9	18.7	18.1	17.2	18.3	19.3	20.1	19.2	18.7
	5CB	22.5	23.5	23.6	21.9	21.7	21.2	20.4	21.5	22.4	23.2	22.3	21.8
	5CC	22.4	23.4	23.6	21.9	21.7	21.2	20.5	21.5	22.4	23.1	22.2	21.7
	5DA	21.6	22.7	22.7	21.2	20.9	20.2	19.2	20.4	21.5	22.5	21.6	21.0
	5DB	20.4	21.5	21.5	20.0	19.7	19.0	18.0	19.2	20.2	21.3	20.4	19.8
	5DC	20.4	21.5	21.5	19.9	19.7	19.1	18.1	19.3	20.3	21.2	20.3	19.8
	5DD	23.6	24.6	24.6	23.0	22.8	22.2	21.3	22.4	23.4	24.3	23.4	22.9
	5EA	29.4	30.2	29.6	28.0	26.9	26.8	26.6	27.4	27.9	28.9	28.4	28.7
	5EB	28.7	29.6	29.3	27.7	26.8	26.7	26.3	27.2	27.8	28.7	28.0	28.1
	5EC	27.7	28.6	28.6	27.0	26.5	26.1	25.6	26.5	27.3	28.1	27.3	27.1
	5ED	27.7	28.7	28.5	27.1	26.4	26.0	25.4	26.3	27.2	28.1	27.4	27.1
	5FA	29.4	30.1	29.7	28.6	27.4	27.0	26.4	27.2	27.8	29.1	28.9	28.8
	5FB	30.1	30.9	30.3	29.1	27.8	27.6	27.1	27.8	28.4	29.6	29.4	29.5
	5G	28.1	28.9	28.5	27.0	26.0	25.9	25.6	26.3	27.0	27.9	27.3	27.4
	5HA	29.0	29.8	29.5	28.1	27.2	27.0	26.5	27.2	27.9	28.9	28.3	28.4
	5HB	27.7	28.6	28.3	26.8	25.9	25.8	25.3	26.0	26.8	27.7	27.0	27.1
	5J	27.5	28.4	28.6	26.9	26.7	26.4	25.9	26.7	27.5	28.1	27.1	26.8

Monthly Temperature by Sub-basin

Year 2022 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.6	21.6	22.0	20.5	19.7	19.5	18.6	18.3	19.4	19.6	20.0	19.8
	1AB	17.6	18.7	19.1	17.6	16.8	16.6	15.6	15.3	16.5	16.7	17.1	16.9
	1AC	21.1	22.1	22.5	21.0	20.2	20.0	19.1	18.8	19.9	20.1	20.6	20.3
	1AD	22.6	23.7	24.1	22.6	21.8	21.5	20.6	20.3	21.5	21.7	22.1	21.9
	1AE	23.3	24.3	24.7	23.2	22.4	22.2	21.3	20.9	22.1	22.3	22.7	22.5
	1AF	22.6	23.7	24.1	22.6	21.8	21.5	20.6	20.3	21.5	21.7	22.1	21.9
	1AG	22.8	23.8	24.2	22.7	21.9	21.7	20.8	20.5	21.6	21.8	22.3	22.0
	1AH	23.1	24.1	24.5	23.0	22.2	22.0	21.1	20.8	21.9	22.1	22.6	22.3
	1BA	16.3	17.3	17.7	16.2	15.5	15.2	14.3	14.0	15.2	15.3	15.7	15.5
	1BB	17.1	18.1	18.5	17.0	16.2	16.0	15.1	14.8	15.9	16.1	16.5	16.3
	1BC	18.1	19.1	19.5	18.0	17.2	17.0	16.1	15.8	16.9	17.1	17.5	17.3
	1BD	18.6	19.7	20.1	18.6	17.8	17.6	16.7	16.4	17.5	17.7	18.1	17.9
	1BE	18.4	19.4	19.8	18.3	17.5	17.3	16.4	16.1	17.2	17.4	17.8	17.6
	1BG	18.4	19.4	19.8	18.3	17.5	17.3	16.4	16.1	17.2	17.4	17.8	17.6
	1BH	17.9	18.9	19.3	17.8	17.1	16.8	15.9	15.6	16.8	16.9	17.4	17.2
	1CA	17.5	18.5	18.9	17.4	16.7	16.4	15.5	15.2	16.4	16.5	17.0	16.7
	1CB	17.3	18.3	18.7	17.2	16.5	16.2	15.3	15.0	16.2	16.3	16.8	16.5
	1CC	16.5	17.5	17.9	16.4	15.7	15.4	14.5	14.2	15.4	15.6	16.0	15.7
	1CD	18.4	19.4	19.8	18.3	17.6	17.3	16.4	16.1	17.2	17.4	17.9	17.6
	1CE	19.6	20.7	21.1	19.6	18.8	18.6	17.6	17.3	18.5	18.7	19.1	18.9
	1DA	20.8	21.8	22.2	20.7	20.0	19.7	18.8	18.5	19.6	19.8	20.3	20.0
	1DB	18.1	19.1	19.5	18.0	17.3	17.0	16.1	15.8	16.9	17.1	17.6	17.3
	1DC	21.6	22.7	23.1	21.6	20.8	20.6	19.6	19.3	20.5	20.7	21.1	20.9
	1DD	22.1	23.1	23.5	22.0	21.2	21.0	20.1	19.8	20.9	21.1	21.6	21.3
	1EA	20.0	21.0	21.4	19.9	19.2	18.9	18.0	17.7	18.9	19.1	19.5	19.3
	1EB	21.7	22.7	23.1	21.6	20.9	20.6	19.7	19.4	20.5	20.7	21.2	20.9
	1EC	21.6	22.6	23.0	21.5	20.7	20.5	19.6	19.2	20.4	20.6	21.0	20.8
	1ED	22.4	23.4	23.8	22.4	21.6	21.3	20.4	20.1	21.2	21.5	21.9	21.7
	1EE	23.0	24.0	24.4	22.9	22.1	21.9	21.0	20.6	21.8	22.0	22.5	22.2
	1EF	23.1	24.1	24.5	23.0	22.2	22.0	21.1	20.8	21.9	22.1	22.6	22.4
	1EG	22.5	23.5	24.0	22.5	21.7	21.4	20.5	20.2	21.4	21.6	22.0	21.8
	1FA	16.1	17.2	17.5	16.1	15.4	15.1	14.2	13.9	15.0	15.2	15.6	15.4
	1FB	18.3	19.4	19.7	18.3	17.5	17.2	16.4	16.0	17.2	17.4	17.8	17.6
	1FC	18.7	19.7	20.1	18.6	17.9	17.6	16.7	16.4	17.5	17.7	18.2	17.9
	1FD	17.8	18.9	19.2	17.8	17.0	16.7	15.9	15.5	16.7	16.9	17.3	17.1
	1FE	20.6	21.7	22.0	20.6	19.8	19.5	18.7	18.3	19.5	19.7	20.1	19.9
	1FF	21.1	22.1	22.5	21.1	20.3	20.0	19.1	18.8	19.9	20.2	20.6	20.4
	1FG	22.8	23.8	24.2	22.7	21.9	21.7	20.8	20.4	21.6	21.8	22.3	22.0
LVSCA	1GA	16.5	17.5	17.9	16.4	15.7	15.4	14.5	14.2	15.4	15.6	16.0	15.7
	1GB	19.6	20.7	21.0	19.6	18.8	18.5	17.7	17.3	18.5	18.7	19.1	18.9
	1GC	16.7	17.8	18.1	16.7	15.9	15.6	14.8	14.5	15.6	15.8	16.2	16.0
	1GD	21.2	22.3	22.7	21.2	20.5	20.2	19.3	19.0	20.1	20.3	20.8	20.5
	1GE	21.0	22.0	22.4	21.0	20.2	19.9	19.1	18.7	19.9	20.1	20.6	20.3
	1GF	22.0	23.1	23.5	22.0	21.3	21.0	20.1	19.8	20.9	21.1	21.6	21.3
	1GG	16.9	18.0	18.4	16.9	16.2	15.9	15.0	14.7	15.9	16.1	16.5	16.2
	1HA1	20.8	21.9	22.3	20.8	20.0	19.8	18.9	18.6	19.7	19.9	20.4	20.1
	1HA2	23.1	24.1	24.5	23.1	22.3	22.0	21.1	20.8	22.0	22.2	22.6	22.4
	1HB1	22.8	23.8	24.2	22.8	22.0	21.7	20.8	20.5	21.6	21.9	22.3	22.1
	1HB2	22.2	23.2	23.6	22.2	21.4	21.1	20.2	19.9	21.0	21.3	21.7	21.5
	1HC	23.2	24.2	24.7	23.2	22.4	22.1	21.2	20.9	22.0	22.3	22.8	22.5
	1HD	21.6	22.6	23.0	21.6	20.8	20.5	19.6	19.3	20.4	20.7	21.1	20.9
	1HE	21.8	22.9	23.3	21.8	21.0	20.7	19.9	19.5	20.7	20.9	21.4	21.1
	1HF	22.6	23.6	24.0	22.5	21.7	21.4	20.6	20.3	21.4	21.6	22.1	21.8
	1HG	22.5	23.5	23.9	22.4	21.6	21.3	20.5	20.1	21.3	21.5	22.0	21.7
	1JA	16.3	17.3	17.7	16.3	15.5	15.2	14.4	14.0	15.2	15.4	15.8	15.6
	1JB	18.1	19.2	19.6	18.2	17.4	17.1	16.2	15.9	17.1	17.3	17.7	17.5
	1JC	17.1	18.2	18.5	17.1	16.4	16.1	15.2	14.9	16.0	16.2	16.7	16.4
	1JD	19.2	20.3	20.6	19.2	18.4	18.1	17.3	17.0	18.1	18.3	18.8	18.5
	1JE	18.5	19.6	20.0	18.5	17.7	17.4	16.6	16.3	17.4	17.6	18.1	17.8
	1JF	17.8	18.9	19.3	17.8	17.0	16.7	15.9	15.6	16.7	16.9	17.4	17.1
	1JG1	20.6	21.6	22.0	20.6	19.8	19.5	18.6	18.3	19.5	19.7	20.1	19.9
	1JG2	22.4	23.4	23.8	22.3	21.6	21.3	20.4	20.1	21.2	21.4	21.9	21.6
	1KA	21.0	22.1	22.5	21.0	20.2	19.9	19.1	18.8	19.9	20.1	20.6	20.3
	1KB	21.1	22.1	22.5	21.1	20.2	20.0	19.1	18.8	19.9	20.1	20.6	20.4
	1KC	20.3	21.3	21.7	20.3	19.5	19.2	18.3	18.0	19.1	19.4	19.9	19.6
	1LA1	16.7	17.8	18.1	16.7	16.0	15.6	14.8	14.5	15.6	15.8	16.3	16.0
	1LA2	19.9	20.9	21.3	19.9	19.1	18.8	17.9	17.6	18.8	19.0	19.5	19.2
	1LA3	18.9	19.9	20.3	18.9	18.1	17.8	16.9	16.6	17.8	18.0	18.5	18.2
	1LB1	17.0	18.0	18.4	17.0	16.2	15.9	15.1	14.7	15.9	16.1	16.6	16.3
	1LB2	19.0	20.0	20.4	19.0	18.2	17.9	17.0	16.7	17.9	18.1	18.6	18.3

Monthly Temperature by Sub-basin

Year 2022 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.9	27.8	28.2	26.5	25.8	25.6	24.7	24.5	25.6	25.6	26.1	25.9
	2AB	27.1	28.0	28.4	26.7	26.0	25.8	24.9	24.6	25.8	25.8	26.3	26.1
	2BA	18.6	19.6	20.0	18.5	17.8	17.5	16.6	16.3	17.5	17.6	18.0	17.8
	2BB	23.2	24.2	24.5	23.0	22.3	22.1	21.1	20.9	22.0	22.1	22.5	22.3
	2BC	21.5	22.5	22.8	21.3	20.6	20.4	19.4	19.2	20.3	20.4	20.9	20.7
	2BD	25.5	26.5	26.8	25.2	24.5	24.4	23.4	23.1	24.3	24.4	24.8	24.6
	2CA	27.0	28.0	28.3	26.7	26.0	25.9	24.9	24.7	25.8	25.8	26.3	26.1
	2CB	20.7	21.8	22.1	20.6	19.9	19.7	18.8	18.5	19.6	19.8	20.2	19.9
	2CC	25.3	26.3	26.6	25.0	24.3	24.1	23.2	23.0	24.1	24.2	24.6	24.4
	2D	24.0	25.0	25.4	23.8	23.1	22.9	22.0	21.8	22.9	23.0	23.4	23.1
	2EA	19.4	20.5	20.9	19.4	18.7	18.4	17.6	17.2	18.5	18.6	18.9	18.6
	2EB	19.1	20.2	20.5	19.1	18.4	18.0	17.2	16.9	18.1	18.2	18.6	18.3
	2EC	18.2	19.3	19.7	18.3	17.6	17.2	16.4	16.0	17.3	17.4	17.8	17.5
	2ED	16.0	17.1	17.4	16.0	15.3	15.0	14.1	13.8	15.0	15.1	15.5	15.3
	2EE	21.4	22.5	22.8	21.4	20.7	20.4	19.5	19.2	20.4	20.5	20.9	20.6
	2EF	18.6	19.7	20.1	18.6	17.9	17.6	16.7	16.4	17.6	17.8	18.2	17.9
	2EG1	15.0	16.1	16.4	15.0	14.3	14.0	13.1	12.8	14.0	14.2	14.6	14.3
	2EG2	21.1	22.2	22.6	21.1	20.4	20.1	19.3	18.9	20.1	20.3	20.7	20.4
	2EH	22.3	23.4	23.7	22.2	21.6	21.3	20.4	20.1	21.3	21.4	21.8	21.5
	2EJ	20.8	21.9	22.2	20.7	20.0	19.7	18.9	18.6	19.8	19.9	20.2	19.9
	2EK	18.9	20.1	20.4	18.9	18.3	17.9	17.1	16.8	18.0	18.1	18.5	18.1
	2FA	17.4	18.6	18.9	17.5	16.8	16.4	15.7	15.3	16.6	16.7	17.0	16.6
	2FB	17.8	19.0	19.3	17.9	17.2	16.8	16.0	15.7	16.9	17.1	17.4	17.1
	2FC	16.7	17.8	18.2	16.7	16.0	15.7	14.9	14.5	15.8	15.9	16.3	15.9
	2GA	16.9	18.0	18.4	17.0	16.3	15.9	15.1	14.8	16.1	16.2	16.5	16.1
	2GB	15.0	16.2	16.5	15.1	14.5	14.1	13.3	12.9	14.2	14.3	14.7	14.2
	2GC	14.1	15.3	15.7	14.3	13.6	13.2	12.5	12.1	13.4	13.5	13.8	13.3
	2GD	16.5	17.6	18.0	16.6	15.9	15.5	14.7	14.4	15.6	15.8	16.1	15.7
	2H-1	21.5	22.7	23.0	21.7	20.9	20.5	19.7	19.4	20.6	20.8	21.2	20.8
	2H-2	22.1	23.2	23.6	22.2	21.5	21.1	20.3	20.0	21.2	21.4	21.8	21.4
	2H-3	21.6	22.7	23.1	21.7	20.9	20.6	19.7	19.4	20.6	20.9	21.3	20.9
	2J	26.4	27.3	27.7	26.1	25.3	25.2	24.3	24.0	25.1	25.2	25.6	25.5
	2KA	17.4	18.5	18.9	17.5	16.7	16.4	15.6	15.2	16.4	16.6	17.0	16.7
	2KB	20.1	21.2	21.5	20.1	19.4	19.0	18.2	17.9	19.1	19.3	19.7	19.4
	2KC	23.1	24.2	24.6	23.2	22.4	22.1	21.2	20.9	22.1	22.4	22.8	22.5
ACA	3AA	19.5	20.7	21.0	19.7	18.9	18.6	17.8	17.4	18.7	18.9	19.2	18.8
	3AB	20.0	21.2	21.6	20.2	19.4	19.1	18.3	17.9	19.1	19.4	19.8	19.3
	3AC	20.6	21.8	22.2	20.8	20.1	19.7	19.0	18.6	19.9	20.1	20.4	19.9
	3BA	19.4	20.5	20.9	19.6	18.9	18.4	17.7	17.3	18.6	18.8	19.1	18.6
	3BB	19.4	20.6	21.0	19.6	19.0	18.5	17.8	17.4	18.7	18.9	19.2	18.7
	3BC	18.0	19.2	19.6	18.2	17.5	17.1	16.4	16.0	17.3	17.4	17.7	17.2
	3BD	18.9	20.1	20.5	19.1	18.5	18.0	17.3	16.9	18.2	18.4	18.6	18.1
	3CB	19.7	21.0	21.3	20.0	19.3	18.9	18.2	17.7	19.1	19.2	19.5	18.9
	3DA	21.9	23.1	23.5	22.2	21.5	21.0	20.3	19.9	21.3	21.4	21.7	21.1
	3DB	23.2	24.4	24.8	23.4	22.6	22.3	21.5	21.2	22.4	22.6	23.0	22.5
	3EA	20.5	21.6	22.0	20.7	19.9	19.5	18.8	18.4	19.7	19.9	20.2	19.7
	3EB	21.5	22.7	23.1	21.7	20.9	20.6	19.8	19.5	20.7	21.0	21.3	20.8
	3EC	21.4	22.5	23.0	21.6	20.7	20.4	19.6	19.3	20.4	20.8	21.2	20.7
	3ED	23.7	24.8	25.3	23.9	23.0	22.7	21.9	21.6	22.7	23.1	23.5	23.0
	3FA	22.5	23.6	24.1	22.7	21.8	21.5	20.7	20.4	21.4	21.9	22.3	21.9
	3FB	25.2	26.3	26.9	25.4	24.4	24.2	23.2	22.9	23.9	24.5	25.1	24.8
	3G	24.1	25.2	25.8	24.3	23.2	23.1	22.1	21.8	22.7	23.4	24.1	23.7
	3HA	26.8	27.9	28.6	27.0	25.9	25.7	24.6	24.3	25.1	26.0	26.8	26.5
	3HB	28.7	29.7	30.4	28.9	27.6	27.5	26.5	26.2	27.0	27.8	28.6	28.2
	3HC	29.4	30.3	30.9	29.6	28.1	28.1	27.2	27.0	27.9	28.5	29.2	29.0
	3HD1	29.5	30.3	31.0	29.7	28.1	28.1	27.2	27.0	27.9	28.5	29.2	29.0
	3HD2	29.9	30.6	31.2	30.1	28.4	28.4	27.6	27.4	28.3	28.9	29.6	29.4
	3J	24.8	25.8	26.5	24.9	23.8	23.7	22.7	22.4	23.2	24.0	24.7	24.4
	3K	29.3	30.2	30.9	29.4	28.1	28.0	27.0	26.8	27.6	28.4	29.1	28.8
	3LA	28.0	29.0	29.7	28.2	26.9	26.8	25.8	25.5	26.3	27.1	27.9	27.6
	3LB	29.7	30.5	31.1	29.8	28.3	28.3	27.4	27.1	28.0	28.7	29.4	29.2
	3MA-1	25.7	26.8	27.5	25.9	24.8	24.6	23.5	23.2	24.0	24.9	25.7	25.4
	3MA-2	27.8	28.8	29.5	28.0	26.7	26.6	25.6	25.3	26.1	26.9	27.7	27.4
	3MB	28.9	29.8	30.6	29.1	27.8	27.6	26.6	26.4	27.2	28.0	28.7	28.4
	3MC	28.8	29.8	30.5	29.0	27.7	27.5	26.6	26.3	27.1	27.9	28.6	28.3
	3MD1	29.5	30.4	31.0	29.6	28.2	28.1	27.2	26.9	27.8	28.5	29.2	29.0
	3MD2	29.9	30.8	31.4	30.0	28.6	28.5	27.6	27.3	28.2	28.9	29.6	29.4
	3N	21.9	22.9	23.4	22.0	21.0	20.8	19.9	19.6	20.7	21.2	21.7	21.3

Monthly Temperature by Sub-basin

Year 2022 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	16.0	17.4	17.7	16.3	15.8	15.2	14.6	14.2	15.6	15.6	15.8	15.1
	4AB	16.6	17.9	18.2	16.8	16.3	15.7	15.1	14.7	16.1	16.1	16.3	15.7
	4AC	16.3	17.5	17.9	16.5	15.9	15.4	14.7	14.3	15.7	15.8	16.0	15.4
	4AD	16.5	17.8	18.1	16.7	16.2	15.6	15.0	14.6	16.0	16.0	16.3	15.7
	4BA	20.7	22.1	22.4	21.1	20.5	19.9	19.3	18.9	20.3	20.4	20.6	19.8
	4BB	17.9	19.2	19.6	18.2	17.7	17.1	16.5	16.0	17.5	17.5	17.7	16.9
	4BC	20.8	22.1	22.5	21.1	20.6	20.0	19.4	18.9	20.5	20.5	20.6	19.8
	4BD	18.6	19.9	20.2	18.9	18.3	17.8	17.1	16.7	18.1	18.2	18.4	17.7
	4BE	19.9	21.2	21.5	20.2	19.6	19.0	18.4	18.0	19.4	19.4	19.7	19.0
	4BF	21.7	23.0	23.3	22.0	21.4	20.9	20.2	19.8	21.2	21.3	21.5	20.8
	4BG	22.8	24.1	24.5	23.2	22.6	22.1	21.4	21.0	22.4	22.5	22.7	22.0
	4CA	16.3	17.5	17.8	16.5	15.9	15.4	14.7	14.3	15.6	15.7	16.0	15.5
	4CB	18.3	19.5	19.9	18.5	17.9	17.4	16.7	16.3	17.7	17.8	18.0	17.5
	4CC	21.9	23.2	23.6	22.2	21.6	21.1	20.4	20.0	21.4	21.5	21.7	21.1
	4DA	20.4	21.8	22.1	20.8	20.3	19.7	19.1	18.6	20.1	20.1	20.3	19.4
	4DB	18.5	20.0	20.3	19.0	18.5	17.9	17.3	16.8	18.4	18.3	18.5	17.6
	4DC	18.0	19.4	19.8	18.4	18.0	17.3	16.8	16.2	17.8	17.8	17.9	17.0
	4DD	23.0	24.4	24.8	23.5	22.9	22.3	21.8	21.3	22.8	22.8	22.9	22.1
	4DE	23.2	24.4	24.8	23.5	22.9	22.4	21.7	21.3	22.7	22.8	23.0	22.3
	4EA	21.2	22.6	23.0	21.5	20.9	20.4	19.8	19.4	20.8	20.8	21.0	20.3
	4EB	19.9	21.3	21.7	20.3	19.7	19.1	18.6	18.1	19.6	19.6	19.8	18.9
	4EC	22.8	24.2	24.6	23.3	22.7	22.1	21.6	21.1	22.6	22.6	22.7	21.9
	4ED	24.0	25.2	25.7	24.3	23.6	23.2	22.5	22.1	23.4	23.6	23.8	23.1
	4FA	22.2	23.5	23.9	22.5	21.8	21.4	20.7	20.3	21.7	21.7	22.0	21.3
	4FB	25.9	27.1	27.5	26.0	25.3	24.9	24.3	23.9	25.2	25.2	25.5	24.9
	4GA	27.2	28.3	28.8	27.2	26.5	26.2	25.4	25.1	26.3	26.4	26.7	26.2
	4GB	28.2	29.3	29.7	28.2	27.3	27.1	26.3	26.1	27.2	27.3	27.7	27.2
	4GC	29.2	30.2	30.7	29.1	28.2	28.0	27.2	27.0	28.0	28.2	28.6	28.2
	4GD	28.5	29.5	30.0	28.5	27.5	27.3	26.5	26.3	27.4	27.6	28.0	27.6
	4GE	27.8	28.8	29.3	27.9	26.9	26.7	25.9	25.6	26.8	27.0	27.4	27.0
	4GF	28.0	29.0	29.5	28.2	27.0	26.9	26.0	25.8	26.8	27.2	27.7	27.4
	4GG	29.5	30.2	30.9	29.7	28.0	28.1	27.2	27.1	28.0	28.5	29.2	29.1
	4HA	25.0	26.1	26.6	25.2	24.2	24.0	23.1	22.8	23.9	24.3	24.8	24.3
	4HB	28.1	29.0	29.6	28.3	27.0	26.9	26.0	25.8	26.8	27.3	27.8	27.5
	4HC	28.2	29.2	29.9	28.4	27.2	27.1	26.1	25.8	26.7	27.4	28.1	27.7
	4JA	29.6	30.6	31.0	29.4	28.3	28.3	27.4	27.2	28.2	28.4	28.9	28.7
	4JB	29.8	30.5	31.0	29.8	28.1	28.3	27.4	27.2	28.2	28.6	29.3	29.2
	4KA	29.6	30.4	30.9	29.7	28.1	28.2	27.3	27.2	28.1	28.5	29.1	29.0
	4KB	29.6	30.2	30.8	29.7	28.0	28.1	27.3	27.1	28.1	28.5	29.1	29.1
ENNCA	5AA	16.8	17.9	18.3	16.8	16.2	15.8	15.0	14.6	15.9	16.0	16.3	15.9
	5AB	17.0	18.2	18.5	17.1	16.5	16.1	15.3	14.9	16.3	16.3	16.6	16.2
	5AC	19.0	20.2	20.5	19.0	18.4	18.0	17.3	16.9	18.2	18.2	18.6	18.2
	5AD	19.1	20.3	20.6	19.1	18.5	18.1	17.4	17.0	18.3	18.4	18.7	18.2
	5BA	17.6	18.9	19.2	17.8	17.2	16.7	16.1	15.7	17.0	17.1	17.3	16.7
	5BB	15.8	17.0	17.3	15.9	15.3	14.9	14.2	13.8	15.1	15.2	15.4	14.9
	5BC-1	17.4	18.6	19.0	17.5	16.9	16.5	15.8	15.4	16.7	16.8	17.0	16.5
	5BC-2	19.8	21.0	21.4	19.8	19.3	18.8	18.1	17.8	19.1	19.1	19.4	18.9
	5BD	18.0	19.2	19.6	18.1	17.5	17.1	16.3	16.0	17.3	17.3	17.7	17.2
	5BE	16.3	17.6	18.0	16.5	15.9	15.4	14.8	14.4	15.7	15.7	16.0	15.4
	5CA	18.7	19.8	20.2	18.6	18.0	17.7	16.9	16.6	17.8	17.8	18.2	17.8
	5CB	21.8	22.9	23.4	21.7	21.1	20.7	20.0	19.7	20.9	20.9	21.3	20.8
	5CC	21.7	22.7	23.1	21.4	20.8	20.5	19.7	19.5	20.7	20.6	21.0	20.6
	5DA	21.3	22.5	22.9	21.4	20.8	20.3	19.6	19.3	20.6	20.6	20.9	20.3
	5DB	20.0	21.2	21.6	20.1	19.5	19.0	18.3	18.0	19.3	19.3	19.6	19.1
	5DC	19.9	21.1	21.4	19.9	19.3	18.9	18.1	17.8	19.1	19.1	19.4	19.0
	5DD	23.0	24.2	24.6	22.9	22.3	22.0	21.2	21.0	22.2	22.1	22.5	22.0
	5EA	29.5	30.3	30.5	28.4	28.0	27.8	26.9	26.9	27.9	27.7	27.9	27.6
	5EB	28.6	29.6	29.8	27.8	27.3	27.1	26.3	26.2	27.2	27.1	27.4	27.0
	5EC	27.4	28.4	28.8	26.9	26.3	26.1	25.3	25.2	26.3	26.2	26.5	26.1
	5ED	27.5	28.6	29.0	27.2	26.6	26.3	25.5	25.4	26.5	26.4	26.7	26.3
	5FA	29.4	30.4	30.8	29.1	28.2	28.1	27.3	27.1	28.1	28.2	28.5	28.2
	5FB	30.2	31.2	31.5	29.6	28.9	28.8	27.9	27.7	28.8	28.7	29.0	28.7
	5G	28.0	28.9	29.1	27.1	26.6	26.4	25.5	25.4	26.4	26.4	26.7	26.4
	5HA	28.8	29.8	30.0	28.1	27.4	27.3	26.3	26.2	27.2	27.3	27.7	27.4
	5HB	27.5	28.5	28.7	26.8	26.1	26.0	25.1	24.9	26.0	26.0	26.4	26.1
	5J	26.8	27.7	28.1	26.3	25.6	25.5	24.6	24.4	25.5	25.5	25.9	25.6

Monthly Temperature by Sub-basin

Year 2023 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.7	22.0	22.8	22.3	20.8	19.7	18.8	19.1	19.6	20.5	20.6	20.8
	1AB	17.7	19.0	19.9	19.4	17.8	16.7	15.9	16.2	16.6	17.5	17.7	17.9
	1AC	21.2	22.5	23.3	22.8	21.3	20.2	19.4	19.7	20.1	21.0	21.2	21.4
	1AD	22.7	24.0	24.9	24.4	22.8	21.7	20.9	21.2	21.7	22.6	22.7	22.9
	1AE	23.4	24.7	25.5	25.0	23.5	22.4	21.6	21.8	22.3	23.2	23.3	23.5
	1AF	22.7	24.0	24.9	24.4	22.8	21.7	20.9	21.2	21.7	22.6	22.7	22.9
	1AG	22.9	24.2	25.0	24.6	23.0	21.9	21.1	21.4	21.8	22.7	22.9	23.1
	1AH	23.2	24.5	25.3	24.9	23.3	22.2	21.4	21.6	22.1	23.0	23.2	23.4
	1BA	16.3	17.6	18.5	18.0	16.5	15.4	14.5	14.9	15.3	16.2	16.3	16.5
	1BB	17.1	18.4	19.3	18.7	17.3	16.1	15.3	15.6	16.1	16.9	17.1	17.3
	1BC	18.1	19.4	20.3	19.7	18.3	17.2	16.3	16.6	17.1	17.9	18.1	18.3
	1BD	18.7	20.0	20.9	20.3	18.9	17.7	16.9	17.2	17.7	18.5	18.7	18.9
	1BE	18.4	19.7	20.6	20.0	18.5	17.5	16.6	16.9	17.4	18.3	18.4	18.6
	1BG	18.4	19.7	20.6	20.1	18.6	17.5	16.6	16.9	17.4	18.3	18.4	18.6
	1BH	18.0	19.3	20.1	19.6	18.1	17.0	16.2	16.5	16.9	17.8	18.0	18.2
	1CA	17.5	18.8	19.7	19.2	17.7	16.6	15.8	16.1	16.5	17.4	17.5	17.7
	1CB	17.3	18.6	19.5	19.0	17.5	16.4	15.6	15.9	16.3	17.2	17.3	17.5
	1CC	16.5	17.8	18.7	18.2	16.8	15.6	14.8	15.1	15.5	16.4	16.5	16.7
	1CD	18.4	19.7	20.6	20.1	18.6	17.5	16.7	17.0	17.4	18.3	18.4	18.6
	1CE	19.7	21.0	21.8	21.4	19.9	18.7	17.9	18.2	18.7	19.6	19.7	19.9
	1DA	20.9	22.2	23.0	22.5	21.0	19.9	19.1	19.4	19.8	20.7	20.9	21.0
	1DB	18.2	19.5	20.3	19.8	18.3	17.2	16.4	16.7	17.1	18.0	18.2	18.4
	1DC	21.7	23.0	23.9	23.4	21.9	20.7	19.9	20.2	20.7	21.6	21.7	21.9
	1DD	22.2	23.5	24.3	23.8	22.3	21.2	20.4	20.7	21.1	22.0	22.2	22.3
	1EA	20.1	21.4	22.2	21.8	20.3	19.1	18.3	18.6	19.1	20.0	20.1	20.2
	1EB	21.8	23.1	23.9	23.5	21.9	20.8	20.0	20.3	20.7	21.6	21.8	21.9
	1EC	21.6	22.9	23.8	23.3	21.8	20.7	19.8	20.1	20.6	21.5	21.6	21.8
	1ED	22.5	23.8	24.6	24.2	22.6	21.5	20.7	21.0	21.5	22.4	22.5	22.7
	1EE	23.1	24.3	25.2	24.7	23.2	22.1	21.3	21.5	22.0	22.9	23.1	23.2
	1EF	23.2	24.5	25.3	24.9	23.3	22.2	21.4	21.7	22.1	23.1	23.2	23.4
	1EG	22.6	23.9	24.7	24.3	22.8	21.6	20.8	21.1	21.6	22.5	22.6	22.8
	1FA	16.2	17.5	18.3	17.9	16.4	15.3	14.4	14.8	15.2	16.1	16.2	16.3
	1FB	18.4	19.7	20.5	20.1	18.6	17.4	16.6	16.9	17.4	18.3	18.4	18.5
	1FC	18.7	20.0	20.9	20.4	18.9	17.8	17.0	17.3	17.7	18.6	18.7	18.9
	1FD	17.9	19.2	20.0	19.6	18.1	16.9	16.1	16.5	16.9	17.8	17.9	18.0
	1FE	20.7	22.0	22.8	22.4	20.9	19.7	18.9	19.2	19.7	20.6	20.7	20.9
	1FF	21.2	22.5	23.3	22.9	21.4	20.2	19.4	19.7	20.2	21.1	21.2	21.3
	1FG	22.9	24.1	25.0	24.6	23.0	21.9	21.1	21.3	21.8	22.7	22.9	23.0
LVSCA	1GA	16.5	17.8	18.6	18.3	16.8	15.6	14.8	15.1	15.5	16.5	16.6	16.7
	1GB	19.7	21.0	21.8	21.4	19.9	18.8	17.9	18.3	18.7	19.6	19.7	19.8
	1GC	16.8	18.0	18.9	18.5	17.1	15.9	15.0	15.4	15.8	16.7	16.8	16.9
	1GD	21.3	22.6	23.4	23.1	21.6	20.4	19.6	19.9	20.3	21.3	21.4	21.5
	1GE	21.1	22.4	23.2	22.8	21.3	20.2	19.4	19.7	20.1	21.0	21.1	21.2
	1GF	22.1	23.4	24.2	23.9	22.4	21.2	20.4	20.7	21.1	22.1	22.2	22.3
	1GG	17.0	18.3	19.1	18.7	17.3	16.1	15.3	15.6	16.0	17.0	17.1	17.2
	1HA1	20.9	22.2	23.0	22.6	21.1	20.0	19.2	19.5	19.9	20.8	21.0	21.1
	1HA2	23.2	24.4	25.3	24.9	23.4	22.2	21.4	21.7	22.2	23.1	23.2	23.3
	1HB1	22.9	24.2	25.0	24.6	23.1	21.9	21.1	21.4	21.9	22.8	22.9	23.1
	1HB2	22.3	23.6	24.4	24.0	22.5	21.3	20.5	20.8	21.3	22.2	22.3	22.5
	1HC	23.3	24.6	25.4	25.0	23.5	22.3	21.5	21.8	22.3	23.2	23.4	23.5
	1HD	21.7	22.9	23.8	23.4	21.9	20.7	19.9	20.2	20.7	21.6	21.7	21.8
	1HE	21.9	23.2	24.0	23.7	22.1	21.0	20.2	20.5	20.9	21.8	22.0	22.1
	1HF	22.7	23.9	24.7	24.4	22.8	21.7	20.9	21.2	21.6	22.6	22.7	22.8
	1HG	22.6	23.8	24.6	24.3	22.7	21.6	20.8	21.1	21.5	22.5	22.6	22.7
	1JA	16.4	17.6	18.5	18.1	16.7	15.5	14.7	15.0	15.4	16.3	16.4	16.5
	1JB	18.2	19.5	20.3	20.0	18.5	17.3	16.5	16.9	17.3	18.2	18.3	18.4
	1JC	17.2	18.5	19.3	18.9	17.5	16.3	15.5	15.8	16.2	17.1	17.2	17.3
	1JD	19.3	20.6	21.4	21.0	19.6	18.4	17.6	17.9	18.3	19.2	19.4	19.4
	1JE	18.6	19.9	20.7	20.4	18.9	17.7	16.9	17.2	17.6	18.6	18.7	18.8
	1JF	17.9	19.2	20.0	19.7	18.2	17.0	16.2	16.5	16.9	17.9	18.0	18.0
	1JG1	20.7	21.9	22.8	22.4	20.9	19.7	18.9	19.2	19.7	20.6	20.7	20.8
	1JG2	22.5	23.7	24.5	24.2	22.7	21.5	20.7	21.0	21.4	22.4	22.5	22.6
	1KA	21.2	22.4	23.2	22.9	21.4	20.2	19.4	19.7	20.1	21.1	21.2	21.3
	1KB	21.2	22.4	23.2	22.9	21.4	20.2	19.4	19.7	20.1	21.1	21.3	21.3
	1KC	20.2	21.4	22.1	22.1	20.5	19.4	18.6	18.8	19.2	20.2	20.4	20.3
	1LA1	16.8	18.0	18.8	18.5	17.1	15.9	15.1	15.4	15.8	16.7	16.8	16.9
	1LA2	19.8	20.8	21.6	21.7	20.1	19.0	18.2	18.3	18.8	19.7	20.0	19.9
	1LA3	18.8	19.8	20.6	20.6	19.1	18.0	17.2	17.3	17.8	18.7	19.0	18.8
	1LB1	16.9	18.1	18.9	18.8	17.3	16.1	15.3	15.6	16.0	16.9	17.1	17.0
	1LB2	18.8	19.9	20.7	20.7	19.2	18.1	17.2	17.4	17.9	18.8	19.0	18.9

Monthly Temperature by Sub-basin

Year 2023 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.8	28.1	29.0	27.9	26.5	25.4	24.7	25.0	25.4	26.2	26.5	27.0
	2AB	27.1	28.4	29.2	28.3	26.8	25.8	25.0	25.3	25.8	26.6	26.9	27.3
	2BA	18.7	20.0	20.8	20.2	18.7	17.7	16.8	17.2	17.6	18.4	18.6	18.8
	2BB	23.2	24.5	25.3	24.7	23.2	22.2	21.3	21.7	22.1	22.9	23.1	23.4
	2BC	21.5	22.8	23.7	23.0	21.6	20.5	19.7	20.0	20.4	21.3	21.4	21.7
	2BD	25.5	26.8	27.6	26.9	25.4	24.4	23.6	23.9	24.3	25.2	25.4	25.7
	2CA	27.0	28.3	29.1	28.3	26.9	25.9	25.0	25.4	25.8	26.6	26.9	27.2
	2CB	20.8	22.1	22.9	22.4	21.0	19.8	19.0	19.4	19.8	20.7	20.8	20.9
	2CC	25.3	26.6	27.4	26.7	25.3	24.2	23.4	23.7	24.1	25.0	25.2	25.5
	2D	24.0	25.3	26.2	25.5	24.1	23.0	22.2	22.6	23.0	23.8	23.9	24.1
	2EA	19.4	20.7	21.6	21.2	19.8	18.6	17.8	18.2	18.6	19.4	19.5	19.5
	2EB	19.1	20.4	21.3	20.9	19.5	18.2	17.4	17.8	18.2	19.1	19.1	19.2
	2EC	18.3	19.6	20.4	20.1	18.7	17.4	16.6	17.0	17.4	18.3	18.3	18.4
	2ED	16.1	17.4	18.2	17.8	16.4	15.2	14.3	14.7	15.1	16.0	16.1	16.2
	2EE	21.4	22.7	23.6	23.2	21.7	20.6	19.7	20.1	20.5	21.4	21.5	21.6
	2EF	18.7	20.0	20.8	20.4	19.0	17.8	17.0	17.3	17.8	18.6	18.7	18.8
	2EG1	15.1	16.4	17.2	16.8	15.4	14.2	13.4	13.7	14.2	15.1	15.1	15.2
	2EG2	21.2	22.5	23.4	22.9	21.5	20.3	19.5	19.9	20.3	21.1	21.2	21.3
	2EH	22.3	23.6	24.5	24.0	22.6	21.4	20.6	21.0	21.4	22.2	22.3	22.5
	2EJ	20.8	22.1	23.0	22.5	21.1	19.9	19.1	19.5	19.9	20.7	20.8	20.9
	2EK	19.0	20.3	21.2	20.7	19.3	18.1	17.3	17.7	18.1	18.9	19.0	19.0
	2FA	17.4	18.7	19.6	19.3	17.9	16.7	15.9	16.2	16.6	17.5	17.5	17.5
	2FB	17.9	19.2	20.0	19.7	18.3	17.1	16.3	16.6	17.0	17.9	17.9	18.0
	2FC	16.7	18.0	18.8	18.5	17.1	15.9	15.1	15.5	15.9	16.8	16.8	16.8
	2GA	16.8	18.0	18.9	18.7	17.3	16.1	15.3	15.6	16.0	16.9	16.9	16.8
	2GB	15.0	16.3	17.2	16.9	15.5	14.3	13.5	13.9	14.3	15.1	15.1	15.0
	2GC	14.0	15.2	16.1	16.0	14.6	13.4	12.6	12.9	13.3	14.2	14.2	14.0
	2GD	16.3	17.5	18.3	18.3	16.9	15.7	14.9	15.1	15.6	16.4	16.5	16.3
	2H-1	21.5	22.6	23.4	23.4	21.9	20.7	19.9	20.1	20.6	21.5	21.7	21.5
	2H-2	22.0	23.1	23.9	24.0	22.5	21.3	20.5	20.7	21.2	22.1	22.3	22.0
	2H-3	21.5	22.6	23.4	23.5	21.9	20.8	20.0	20.1	20.6	21.6	21.8	21.5
	2J	26.4	27.8	28.6	27.7	26.2	25.2	24.4	24.7	25.2	26.0	26.2	26.6
	2KA	17.3	18.5	19.2	19.2	17.8	16.6	15.8	16.0	16.4	17.3	17.5	17.4
	2KB	20.0	21.1	21.8	21.9	20.4	19.2	18.4	18.6	19.1	20.0	20.2	20.0
	2KC	23.1	24.1	24.9	25.0	23.4	22.3	21.5	21.6	22.1	23.1	23.3	23.1
ACA	3AA	19.4	20.5	21.4	21.4	19.9	18.8	17.9	18.2	18.6	19.6	19.7	19.4
	3AB	20.0	21.1	21.9	21.9	20.4	19.3	18.5	18.7	19.1	20.1	20.2	19.9
	3AC	20.5	21.7	22.6	22.6	21.1	19.9	19.1	19.4	19.8	20.7	20.8	20.5
	3BA	19.3	20.4	21.3	21.3	19.8	18.6	17.8	18.1	18.5	19.4	19.5	19.2
	3BB	19.3	20.5	21.3	21.4	19.9	18.7	17.9	18.2	18.6	19.5	19.5	19.3
	3BC	17.9	19.1	19.9	19.9	18.5	17.3	16.5	16.8	17.2	18.1	18.1	17.9
	3BD	18.8	20.0	20.8	20.8	19.4	18.2	17.4	17.7	18.1	19.0	19.0	18.7
	3CB	19.6	20.8	21.7	21.7	20.3	19.1	18.2	18.5	19.0	19.9	19.8	19.6
	3DA	21.8	23.0	23.9	23.9	22.4	21.3	20.4	20.7	21.2	22.1	22.1	21.8
	3DB	23.1	24.3	25.1	25.2	23.6	22.5	21.7	21.9	22.4	23.3	23.4	23.1
	3EA	20.4	21.5	22.4	22.4	20.9	19.7	18.9	19.2	19.6	20.6	20.6	20.3
	3EB	21.5	22.6	23.4	23.5	21.9	20.8	20.0	20.2	20.7	21.6	21.8	21.4
	3EC	21.3	22.4	23.3	23.4	21.7	20.6	19.8	20.0	20.5	21.5	21.6	21.3
	3ED	23.6	24.7	25.6	25.7	24.0	22.9	22.1	22.3	22.8	23.7	23.9	23.6
	3FA	22.6	23.6	24.4	24.5	22.8	21.8	21.0	21.1	21.6	22.6	22.9	22.5
	3FB	25.4	26.3	27.2	27.3	25.5	24.5	23.7	23.8	24.3	25.4	25.8	25.4
	3G	24.4	25.3	26.1	26.2	24.4	23.4	22.6	22.7	23.2	24.3	24.8	24.4
	3HA	27.2	28.0	28.8	29.0	27.1	26.1	25.2	25.3	25.9	27.1	27.7	27.1
	3HB	28.9	29.8	30.6	30.8	28.7	27.8	27.0	27.0	27.6	28.7	29.3	28.8
	3HC	29.5	30.4	31.1	31.3	29.2	28.3	27.6	27.5	28.0	29.1	29.7	29.3
	3HD1	29.6	30.4	31.2	31.3	29.2	28.3	27.6	27.5	28.0	29.1	29.7	29.4
	3HD2	29.9	30.8	31.5	31.6	29.5	28.5	27.9	27.8	28.3	29.3	30.0	29.7
	3J	25.1	25.9	26.7	26.9	25.0	24.0	23.2	23.3	23.8	25.0	25.5	25.0
	3K	29.5	30.3	31.1	31.3	29.2	28.3	27.5	27.5	28.1	29.2	29.8	29.4
	3LA	28.3	29.1	29.9	30.1	28.1	27.1	26.3	26.4	26.9	28.0	28.7	28.2
	3LB	29.7	30.6	31.3	31.5	29.4	28.4	27.7	27.7	28.2	29.3	29.9	29.6
	3MA-1	26.1	26.9	27.7	27.9	25.9	25.0	24.1	24.2	24.7	25.9	26.6	26.0
	3MA-2	28.1	28.9	29.7	29.9	27.9	26.9	26.1	26.1	26.7	27.8	28.5	28.0
	3MB	29.1	30.0	30.8	30.9	28.9	27.9	27.1	27.2	27.7	28.8	29.4	29.0
	3MC	29.0	29.8	30.7	30.8	28.8	27.8	27.0	27.0	27.6	28.7	29.3	28.9
	3MD1	29.6	30.5	31.3	31.4	29.3	28.4	27.6	27.6	28.1	29.2	29.9	29.5
	3MD2	30.0	30.9	31.7	31.8	29.7	28.8	28.0	28.0	28.5	29.6	30.2	29.9
	3N	21.9	22.9	23.7	23.8	22.1	21.1	20.3	20.4	20.9	21.9	22.2	21.9

Monthly Temperature by Sub-basin

Year 2023 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.9	17.2	18.2	18.1	16.7	15.5	14.6	15.1	15.5	16.3	16.1	15.8
	4AB	16.5	17.9	18.8	18.6	17.3	16.0	15.2	15.6	16.0	16.8	16.7	16.5
	4AC	16.1	17.4	18.3	18.2	16.9	15.6	14.8	15.2	15.5	16.4	16.3	16.1
	4AD	16.4	17.6	18.5	18.5	17.1	15.8	15.0	15.4	15.8	16.6	16.6	16.3
	4BA	20.6	21.9	22.8	22.8	21.4	20.2	19.3	19.7	20.1	21.0	20.8	20.5
	4BB	17.7	19.0	20.0	19.9	18.6	17.3	16.5	16.9	17.3	18.1	17.9	17.6
	4BC	20.6	21.9	22.9	22.9	21.6	20.2	19.4	19.9	20.2	21.1	20.8	20.5
	4BD	18.5	19.7	20.6	20.6	19.2	18.0	17.1	17.5	17.9	18.8	18.7	18.4
	4BE	19.7	21.0	21.9	21.9	20.5	19.2	18.4	18.8	19.2	20.1	19.9	19.6
	4BF	21.6	22.8	23.7	23.7	22.4	21.1	20.3	20.6	21.1	21.9	21.8	21.5
	4BG	22.7	24.0	24.9	24.9	23.5	22.3	21.4	21.8	22.2	23.1	22.9	22.6
	4CA	16.1	17.3	18.2	18.2	16.8	15.6	14.8	15.1	15.5	16.4	16.3	16.1
	4CB	18.1	19.4	20.3	20.3	18.9	17.6	16.8	17.1	17.5	18.4	18.4	18.1
	4CC	21.8	23.0	24.0	24.0	22.5	21.3	20.5	20.8	21.3	22.1	22.0	21.7
	4DA	20.2	21.5	22.6	22.5	21.2	19.9	19.0	19.5	19.9	20.7	20.4	20.1
	4DB	18.4	19.7	20.8	20.7	19.4	18.1	17.2	17.7	18.1	18.9	18.6	18.3
	4DC	17.8	19.2	20.2	20.2	18.9	17.5	16.7	17.2	17.6	18.4	18.1	17.7
	4DD	22.9	24.2	25.2	25.2	23.9	22.5	21.7	22.2	22.6	23.4	23.1	22.8
	4DE	23.0	24.3	25.2	25.2	23.8	22.6	21.7	22.1	22.5	23.4	23.3	23.0
	4EA	21.1	22.4	23.4	23.3	21.9	20.6	19.8	20.3	20.6	21.5	21.3	21.0
	4EB	19.8	21.1	22.1	22.0	20.7	19.4	18.5	19.0	19.4	20.2	20.0	19.6
	4EC	22.7	24.0	25.0	25.0	23.6	22.3	21.5	22.0	22.4	23.2	22.9	22.6
	4ED	23.9	25.1	26.0	26.0	24.6	23.3	22.6	22.9	23.3	24.2	24.1	23.8
	4FA	22.1	23.5	24.5	24.3	22.8	21.6	20.8	21.2	21.6	22.4	22.3	22.1
	4FB	25.8	27.1	28.0	27.8	26.3	25.1	24.4	24.7	25.1	26.0	26.0	25.7
	4GA	26.9	28.3	29.2	28.9	27.4	26.2	25.5	25.8	26.2	27.0	27.1	27.0
	4GB	27.9	29.2	30.0	29.9	28.3	27.2	26.5	26.7	27.0	27.9	28.1	27.9
	4GC	28.9	30.1	30.9	30.9	29.2	28.1	27.4	27.5	27.9	28.8	29.1	28.9
	4GD	28.3	29.4	30.2	30.3	28.5	27.5	26.8	26.8	27.3	28.2	28.5	28.2
	4GE	27.7	28.8	29.6	29.7	27.9	26.9	26.2	26.3	26.7	27.6	27.9	27.6
	4GF	28.0	29.0	29.8	29.9	28.0	27.0	26.3	26.3	26.8	27.8	28.2	27.9
	4GG	29.5	30.4	31.1	31.2	29.1	28.2	27.5	27.4	27.9	28.9	29.6	29.3
	4HA	25.0	26.0	26.9	27.0	25.3	24.2	23.4	23.6	24.0	25.0	25.3	24.9
	4HB	28.1	29.1	29.9	30.0	28.1	27.1	26.4	26.4	26.9	27.9	28.4	28.0
	4HC	28.4	29.3	30.1	30.3	28.3	27.3	26.5	26.6	27.1	28.2	28.7	28.3
	4JA	29.3	30.5	31.2	31.2	29.3	28.3	27.6	27.6	28.1	29.0	29.4	29.3
	4JB	29.6	30.6	31.2	31.3	29.2	28.3	27.7	27.5	28.0	29.0	29.7	29.5
	4KA	29.5	30.5	31.1	31.2	29.1	28.2	27.6	27.5	27.9	28.9	29.5	29.3
	4KB	29.4	30.4	31.0	31.1	29.0	28.1	27.5	27.4	27.9	28.8	29.5	29.3
ENNCA	5AA	16.8	18.1	19.0	18.6	17.2	16.0	15.2	15.6	16.0	16.8	16.8	16.8
	5AB	17.0	18.3	19.3	18.9	17.5	16.3	15.5	15.9	16.3	17.1	17.1	17.1
	5AC	19.0	20.4	21.3	20.8	19.4	18.2	17.4	17.9	18.2	19.1	19.1	19.1
	5AD	19.1	20.4	21.4	20.9	19.6	18.3	17.5	18.0	18.4	19.2	19.2	19.1
	5BA	17.6	18.9	19.9	19.6	18.3	17.0	16.2	16.6	17.0	17.8	17.7	17.6
	5BB	15.7	17.1	18.0	17.7	16.4	15.1	14.3	14.7	15.1	16.0	15.9	15.7
	5BC-1	17.3	18.7	19.6	19.3	17.9	16.7	15.9	16.3	16.7	17.6	17.4	17.3
	5BC-2	19.8	21.1	22.1	21.7	20.3	19.0	18.2	18.7	19.1	19.9	19.9	19.8
	5BD	18.0	19.4	20.3	19.9	18.5	17.3	16.5	16.9	17.3	18.2	18.1	18.0
	5BE	16.3	17.6	18.6	18.3	16.9	15.7	14.9	15.3	15.7	16.5	16.4	16.3
	5CA	18.7	20.1	21.0	20.4	19.0	17.8	17.1	17.5	17.8	18.7	18.7	18.8
	5CB	21.8	23.2	24.1	23.5	22.0	20.8	20.1	20.6	20.9	21.7	21.8	21.9
	5CC	21.6	23.0	23.9	23.2	21.7	20.6	19.9	20.3	20.7	21.5	21.6	21.7
	5DA	21.2	22.6	23.6	23.2	21.8	20.5	19.8	20.2	20.6	21.4	21.4	21.2
	5DB	20.0	21.3	22.3	21.9	20.5	19.2	18.5	18.9	19.3	20.1	20.1	20.0
	5DC	19.9	21.2	22.2	21.7	20.3	19.1	18.3	18.8	19.1	19.9	20.0	19.9
	5DD	23.0	24.4	25.3	24.8	23.3	22.1	21.4	21.9	22.2	23.0	23.0	23.0
	5EA	28.6	30.1	30.8	30.2	28.5	27.4	26.8	27.0	27.3	28.2	28.5	28.9
	5EB	28.0	29.5	30.3	29.3	27.6	26.5	26.0	26.3	26.6	27.5	27.7	28.3
	5EC	27.0	28.5	29.3	28.4	26.9	25.7	25.2	25.5	25.9	26.7	26.8	27.2
	5ED	27.1	28.6	29.4	28.9	27.3	26.2	25.5	25.8	26.2	27.0	27.1	27.2
	5FA	28.9	30.3	31.1	30.7	29.0	27.9	27.3	27.4	27.8	28.6	28.9	29.1
	5FB	29.6	31.0	31.7	31.4	29.6	28.5	27.9	28.0	28.4	29.2	29.6	29.8
	5G	27.4	28.9	29.6	28.6	27.0	25.9	25.2	25.5	25.8	26.8	27.0	27.6
	5HA	28.3	29.8	30.5	29.6	27.9	26.8	26.1	26.4	26.7	27.7	28.0	28.5
	5HB	27.0	28.5	29.2	28.2	26.5	25.4	24.8	25.1	25.4	26.4	26.6	27.2
	5J	26.5	27.9	28.8	27.6	26.1	25.0	24.4	24.8	25.1	25.9	26.2	26.7

Monthly Temperature by Sub-basin

Year 2024 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.7	21.7	22.9	23.0	22.0	20.9	19.8	17.9	19.7	19.9	20.6	19.7
	1AB	18.8	18.8	20.0	20.1	19.1	17.9	16.9	14.9	16.8	16.9	17.6	16.8
	1AC	22.2	22.2	23.4	23.5	22.5	21.4	20.3	18.4	20.2	20.4	21.1	20.3
	1AD	23.7	23.7	24.9	25.0	24.0	22.8	21.7	19.9	21.8	22.0	22.7	21.8
	1AE	24.3	24.3	25.5	25.5	24.5	23.4	22.2	20.5	22.4	22.6	23.3	22.4
	1AF	23.7	23.7	24.9	24.9	23.9	22.8	21.6	19.9	21.8	22.0	22.7	21.8
	1AG	23.8	23.9	25.0	25.0	24.0	22.9	21.7	20.1	22.0	22.1	22.9	22.0
	1AH	24.1	24.1	25.3	25.3	24.3	23.2	21.9	20.4	22.2	22.4	23.1	22.2
	1BA	17.3	17.3	18.5	18.6	17.7	16.5	15.4	13.6	15.5	15.6	16.2	15.4
	1BB	18.1	18.2	19.3	19.4	18.5	17.3	16.2	14.3	16.2	16.3	17.0	16.2
	1BC	19.2	19.2	20.4	20.5	19.6	18.5	17.4	15.3	17.2	17.4	18.1	17.2
	1BD	19.7	19.7	20.9	21.0	20.0	18.9	17.8	15.9	17.8	17.9	18.6	17.8
	1BE	19.5	19.5	20.7	20.8	19.9	18.7	17.7	15.6	17.5	17.7	18.4	17.5
	1BG	19.5	19.5	20.7	20.8	19.9	18.7	17.6	15.6	17.5	17.7	18.4	17.5
	1BH	19.0	19.0	20.2	20.3	19.4	18.2	17.1	15.2	17.1	17.2	17.9	17.1
	1CA	18.5	18.5	19.7	19.8	18.8	17.6	16.5	14.8	16.7	16.8	17.4	16.6
	1CB	18.2	18.3	19.4	19.5	18.5	17.4	16.2	14.6	16.5	16.6	17.1	16.4
	1CC	17.3	17.4	18.6	18.7	17.7	16.5	15.4	13.8	15.7	15.8	16.4	15.6
	1CD	19.3	19.4	20.6	20.6	19.6	18.5	17.3	15.7	17.6	17.7	18.3	17.5
	1CE	20.7	20.7	21.9	22.0	21.0	19.8	18.7	16.9	18.8	18.9	19.6	18.8
	1DA	21.8	21.8	23.0	23.1	22.1	20.9	19.8	18.1	20.0	20.1	20.7	19.9
	1DB	19.2	19.2	20.4	20.5	19.5	18.4	17.3	15.4	17.3	17.4	18.1	17.3
	1DC	22.7	22.7	23.9	23.9	22.9	21.8	20.6	18.9	20.8	21.0	21.7	20.8
	1DD	23.1	23.2	24.3	24.4	23.4	22.2	21.0	19.4	21.3	21.4	22.1	21.2
	1EA	20.9	21.0	22.2	22.2	21.2	20.0	18.8	17.3	19.2	19.3	20.0	19.2
	1EB	22.6	22.7	23.9	23.9	22.9	21.7	20.5	19.0	20.9	21.0	21.7	20.8
	1EC	22.5	22.6	23.7	23.8	22.8	21.6	20.4	18.9	20.7	20.9	21.6	20.7
	1ED	23.4	23.4	24.6	24.6	23.6	22.4	21.2	19.7	21.6	21.7	22.4	21.6
	1EE	23.9	24.0	25.1	25.2	24.1	23.0	21.8	20.3	22.1	22.3	23.0	22.1
	1EF	24.1	24.1	25.3	25.3	24.3	23.1	21.9	20.4	22.3	22.4	23.1	22.3
	1EG	23.5	23.5	24.7	24.7	23.7	22.5	21.3	19.8	21.7	21.9	22.5	21.7
	1FA	16.9	17.1	18.3	18.4	17.3	16.2	15.0	13.5	15.4	15.5	16.1	15.3
	1FB	19.2	19.3	20.5	20.5	19.5	18.3	17.1	15.7	17.6	17.7	18.3	17.5
	1FC	19.5	19.6	20.8	20.8	19.8	18.6	17.3	16.0	17.9	18.0	18.6	17.8
	1FD	18.6	18.8	20.0	20.1	19.1	17.9	16.7	15.2	17.1	17.2	17.8	17.0
	1FE	21.5	21.6	22.8	22.8	21.7	20.6	19.3	18.0	19.8	20.0	20.6	19.8
	1FF	22.0	22.1	23.2	23.2	22.2	21.1	19.8	18.4	20.3	20.4	21.1	20.3
	1FG	23.7	23.8	24.9	24.9	23.9	22.7	21.5	20.1	22.0	22.1	22.8	21.9
LVSCA	1GA	17.2	17.4	18.6	18.8	17.8	16.6	15.4	13.8	15.8	15.8	16.5	15.6
	1GB	20.4	20.5	21.8	22.0	20.9	19.7	18.6	17.0	18.9	19.0	19.7	18.8
	1GC	17.4	17.5	18.8	19.0	17.9	16.7	15.6	14.1	16.0	16.1	16.7	15.8
	1GD	22.0	22.2	23.4	23.6	22.6	21.3	20.2	18.6	20.5	20.6	21.3	20.4
	1GE	21.8	21.9	23.1	23.4	22.3	21.1	20.0	18.4	20.3	20.4	21.1	20.2
	1GF	22.8	23.0	24.2	24.4	23.4	22.1	21.0	19.4	21.3	21.4	22.2	21.2
	1GG	17.7	17.8	19.1	19.3	18.2	17.0	15.9	14.3	16.3	16.3	17.0	16.1
	1HA1	21.7	21.8	23.0	23.0	22.0	20.8	19.5	18.2	20.1	20.2	20.8	20.0
	1HA2	23.9	24.0	25.3	25.5	24.4	23.2	22.1	20.4	22.3	22.4	23.2	22.3
	1HB1	23.7	23.8	24.9	24.9	23.9	22.7	21.5	20.1	22.0	22.2	22.8	22.0
	1HB2	23.1	23.2	24.3	24.3	23.3	22.1	20.9	19.5	21.4	21.5	22.2	21.4
	1HC	24.1	24.2	25.3	25.4	24.3	23.1	21.9	20.5	22.4	22.6	23.2	22.4
	1HD	22.4	22.5	23.7	24.0	22.9	21.6	20.5	18.9	20.8	20.9	21.7	20.8
	1HE	22.6	22.8	24.0	24.2	23.1	21.9	20.8	19.2	21.1	21.2	22.0	21.0
	1HF	23.4	23.5	24.7	25.0	23.9	22.6	21.5	19.9	21.8	21.9	22.7	21.7
	1HG	23.3	23.4	24.6	24.8	23.7	22.5	21.4	19.8	21.7	21.8	22.6	21.6
	1JA	16.9	17.1	18.3	18.6	17.5	16.2	15.1	13.7	15.6	15.7	16.3	15.5
	1JB	18.8	19.0	20.2	20.5	19.4	18.2	17.0	15.6	17.5	17.5	18.2	17.3
	1JC	17.8	18.0	19.2	19.4	18.4	17.1	16.0	14.5	16.4	16.5	17.1	16.3
	1JD	19.9	20.1	21.3	21.6	20.5	19.2	18.1	16.6	18.5	18.6	19.3	18.4
	1JE	19.2	19.4	20.6	20.8	19.7	18.5	17.3	15.9	17.8	17.9	18.5	17.7
	1JF	18.5	18.7	19.9	20.1	19.0	17.8	16.6	15.2	17.1	17.2	17.8	17.0
	1JG1	21.3	21.5	22.7	22.9	21.9	20.6	19.5	18.0	19.9	20.0	20.7	19.8
	1JG2	23.1	23.3	24.5	24.8	23.7	22.4	21.3	19.7	21.6	21.7	22.5	21.5
	1KA	21.8	22.0	23.2	23.4	22.3	21.1	20.0	18.4	20.3	20.4	21.2	20.2
	1KB	21.8	22.0	23.2	23.4	22.3	21.1	20.0	18.4	20.3	20.4	21.2	20.3
	1KC	21.0	21.2	22.4	22.6	21.5	20.2	19.1	17.6	19.4	19.6	20.3	19.4
	1LA1	17.3	17.5	18.7	19.0	17.9	16.6	15.4	14.1	16.0	16.1	16.7	15.9
	1LA2	20.6	20.7	21.9	22.2	21.0	19.8	18.6	17.2	19.0	19.3	19.9	18.9
	1LA3	18.9	19.1	20.3	20.5	19.5	18.2	17.0	16.3	18.0	18.3	18.7	17.9
	1LB1	17.6	17.8	19.0	19.2	18.1	16.9	15.7	14.4	16.3	16.4	16.9	16.1
	1LB2	19.3	19.4	20.7	20.9	19.8	18.5	17.4	16.3	18.1	18.4	18.8	18.0

Monthly Temperature by Sub-basin

Year 2024 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	28.2	28.1	29.3	29.2	28.5	27.4	26.4	24.2	25.9	26.4	27.1	26.1
	2AB	28.7	28.5	29.9	29.9	29.4	28.2	27.4	24.5	26.2	26.7	27.8	26.3
	2BA	19.8	19.8	21.0	21.1	20.3	19.1	18.1	15.9	17.7	17.9	18.8	17.7
	2BB	24.4	24.4	25.7	25.7	25.0	23.8	22.8	20.4	22.2	22.4	23.4	22.3
	2BC	22.8	22.8	24.0	24.1	23.3	22.1	21.1	18.7	20.5	20.7	21.8	20.6
	2BD	27.3	27.1	28.6	28.7	28.4	27.1	26.3	22.9	24.6	25.0	26.6	24.7
	2CA	28.8	28.7	30.2	30.4	30.1	28.9	28.1	24.5	26.2	26.6	28.3	26.2
	2CB	21.6	21.7	22.9	23.0	22.0	20.8	19.6	18.1	20.0	20.0	20.6	19.8
	2CC	26.6	26.6	27.8	27.9	27.2	26.0	25.0	22.6	24.4	24.7	25.6	24.4
	2D	25.0	25.1	26.3	26.3	25.3	24.1	23.1	21.3	23.2	23.4	23.9	23.1
	2EA	19.9	20.2	21.4	21.6	20.5	19.3	18.1	16.9	18.9	18.8	19.3	18.5
	2EB	19.6	19.9	21.1	21.3	20.2	19.0	17.8	16.5	18.5	18.5	18.9	18.1
	2EC	18.8	19.0	20.2	20.5	19.4	18.2	17.0	15.7	17.7	17.6	18.1	17.3
	2ED	16.7	16.9	18.1	18.3	17.3	16.1	14.9	13.4	15.3	15.4	16.0	15.2
	2EE	22.1	22.3	23.5	23.6	22.6	21.4	20.2	18.8	20.8	20.8	21.2	20.5
	2EF	19.3	19.5	20.7	20.9	19.9	18.6	17.5	16.1	18.0	18.0	18.6	17.8
	2EG1	15.6	15.8	17.1	17.3	16.2	15.0	13.8	12.5	14.4	14.4	15.0	14.1
	2EG2	21.8	22.0	23.2	23.4	22.3	21.1	19.9	18.6	20.5	20.5	21.0	20.2
	2EH	23.1	23.2	24.4	24.5	23.4	22.3	21.1	19.7	21.6	21.6	22.0	21.4
	2EJ	21.5	21.6	22.8	22.9	21.8	20.7	19.5	18.2	20.1	20.1	20.4	19.8
	2EK	19.6	19.8	20.9	21.0	19.9	18.8	17.6	16.4	18.4	18.3	18.6	18.0
	2FA	17.9	18.2	19.4	19.6	18.4	17.2	16.0	15.0	17.0	16.9	17.2	16.5
	2FB	18.4	18.6	19.8	20.1	18.9	17.7	16.5	15.3	17.4	17.3	17.7	16.9
	2FC	17.2	17.5	18.7	18.9	17.7	16.5	15.3	14.2	16.2	16.1	16.5	15.8
	2GA	17.3	17.6	18.8	19.0	17.9	16.7	15.4	14.4	16.4	16.4	16.6	15.9
	2GB	15.4	15.7	16.9	17.1	16.0	14.8	13.6	12.6	14.7	14.5	14.8	14.0
	2GC	14.4	14.8	16.0	16.2	15.0	13.9	12.6	11.7	13.8	13.7	13.8	13.0
	2GD	16.9	17.2	18.4	18.6	17.4	16.2	15.0	14.0	16.0	16.0	16.2	15.4
	2H-1	21.6	21.8	23.1	23.3	22.1	20.9	19.7	19.1	20.9	21.1	21.2	20.5
	2H-2	22.0	22.2	23.5	23.7	22.5	21.3	20.1	19.6	21.5	21.7	21.7	21.1
	2H-3	21.4	21.6	22.7	22.9	21.5	20.3	19.1	19.1	20.8	21.1	20.9	20.6
	2J	27.9	27.7	29.1	29.1	28.4	27.3	26.4	23.9	25.6	26.1	26.9	25.6
	2KA	17.9	18.1	19.3	19.5	18.4	17.1	16.0	14.9	16.7	16.8	17.3	16.4
	2KB	20.1	20.3	21.6	21.8	20.7	19.4	18.2	17.5	19.4	19.5	19.8	19.1
	2KC	23.1	23.3	24.6	24.8	23.6	22.3	21.2	20.6	22.3	22.6	22.9	22.2
ACA	3AA	19.3	19.5	20.7	21.0	19.6	18.4	17.2	17.1	19.0	19.1	18.8	18.5
	3AB	19.8	20.0	21.2	21.4	20.0	18.7	17.5	17.6	19.4	19.6	19.3	19.0
	3AC	20.4	20.6	21.8	22.1	20.7	19.5	18.2	18.3	20.2	20.3	19.9	19.5
	3BA	19.2	19.4	20.6	20.9	19.6	18.4	17.1	17.0	18.9	19.0	18.7	18.3
	3BB	19.2	19.5	20.7	21.0	19.7	18.5	17.2	17.1	19.0	19.0	18.8	18.3
	3BC	18.0	18.3	19.5	19.8	18.5	17.3	16.1	15.7	17.6	17.6	17.5	16.9
	3BD	18.9	19.2	20.4	20.6	19.3	18.1	16.9	16.6	18.6	18.5	18.3	17.8
	3CB	19.7	20.0	21.2	21.5	20.1	19.0	17.7	17.4	19.5	19.4	19.1	18.6
	3DA	21.6	22.0	23.2	23.4	22.0	20.8	19.6	19.6	21.6	21.6	21.2	20.8
	3DB	23.0	23.2	24.4	24.7	23.2	22.0	20.8	20.8	22.7	22.8	22.5	22.2
	3EA	20.2	20.5	21.7	21.9	20.4	19.3	18.0	18.1	20.0	20.1	19.7	19.4
	3EB	21.3	21.5	22.7	23.0	21.5	20.3	19.1	19.1	21.0	21.2	20.9	20.5
	3EC	21.2	21.4	22.6	22.8	21.3	20.1	18.9	18.9	20.8	21.0	20.7	20.4
	3ED	23.5	23.7	24.9	25.1	23.6	22.4	21.2	21.2	23.0	23.3	23.0	22.7
	3FA	22.4	22.5	23.7	23.9	22.4	21.1	20.0	20.0	21.8	22.1	22.0	21.6
	3FB	25.3	25.4	26.6	26.7	25.0	23.7	22.6	22.6	24.2	24.9	24.9	24.5
	3G	24.4	24.4	25.6	25.6	23.9	22.6	21.4	21.4	23.1	23.8	23.9	23.5
	3HA	27.3	27.3	28.4	28.4	26.6	25.2	24.1	24.0	25.6	26.5	26.8	26.3
	3HB	28.8	28.9	30.1	30.1	28.3	26.9	25.9	25.9	27.4	28.2	28.4	28.0
	3HC	29.2	29.1	30.4	30.5	28.9	27.4	26.5	26.6	28.0	28.7	28.9	28.6
	3HD1	29.2	29.2	30.5	30.5	28.9	27.4	26.5	26.6	28.0	28.7	28.9	28.6
	3HD2	29.4	29.3	30.7	30.7	29.2	27.7	26.9	27.0	28.2	29.0	29.2	29.0
	3J	25.1	25.1	26.2	26.2	24.5	23.2	22.0	22.0	23.6	24.5	24.6	24.2
	3K	29.3	29.3	30.6	30.6	28.8	27.4	26.4	26.4	27.9	28.7	28.9	28.5
	3LA	28.3	28.3	29.4	29.4	27.6	26.3	25.2	25.2	26.7	27.6	27.8	27.4
	3LB	29.4	29.4	30.6	30.7	29.0	27.6	26.7	26.8	28.1	28.9	29.1	28.8
	3MA-1	26.1	26.2	27.3	27.2	25.4	24.1	23.0	22.9	24.5	25.4	25.6	25.2
	3MA-2	28.1	28.1	29.2	29.2	27.4	26.1	25.0	24.9	26.5	27.3	27.6	27.2
	3MB	29.0	29.0	30.2	30.2	28.5	27.1	26.0	26.0	27.5	28.4	28.5	28.2
	3MC	28.9	28.9	30.1	30.1	28.4	27.0	25.9	25.9	27.4	28.2	28.4	28.1
	3MD1	29.4	29.4	30.6	30.7	28.9	27.5	26.6	26.6	28.0	28.8	29.0	28.7
	3MD2	29.8	29.8	31.0	31.1	29.3	27.9	27.0	27.0	28.4	29.2	29.4	29.1
	3N	21.8	21.9	23.0	23.2	21.6	20.4	19.2	19.3	21.0	21.5	21.3	21.0

Monthly Temperature by Sub-basin

Year 2024 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	16.1	16.6	17.8	18.1	16.8	15.7	14.3	13.9	16.1	15.7	15.5	14.8
	4AB	16.8	17.2	18.4	18.7	17.4	16.3	15.0	14.4	16.5	16.2	16.2	15.5
	4AC	16.4	16.8	18.1	18.3	17.1	16.0	14.6	14.0	16.1	15.9	15.8	15.1
	4AD	16.7	17.1	18.3	18.6	17.3	16.2	14.9	14.3	16.3	16.1	16.1	15.3
	4BA	20.7	21.2	22.4	22.7	21.4	20.4	19.0	18.6	20.8	20.4	20.2	19.5
	4BB	17.8	18.3	19.6	19.9	18.6	17.5	16.1	15.8	18.0	17.6	17.3	16.6
	4BC	20.6	21.1	22.3	22.6	21.3	20.2	18.8	18.7	21.0	20.5	20.1	19.5
	4BD	18.7	19.1	20.3	20.6	19.3	18.2	16.9	16.4	18.5	18.3	18.1	17.4
	4BE	19.8	20.3	21.5	21.8	20.5	19.4	18.0	17.7	19.8	19.5	19.3	18.7
	4BF	21.4	21.8	23.0	23.3	21.9	20.8	19.5	19.5	21.6	21.4	20.9	20.5
	4BG	22.5	23.0	24.2	24.5	23.1	22.0	20.6	20.7	22.9	22.6	22.1	21.6
	4CA	16.5	16.8	18.0	18.3	17.0	15.9	14.6	14.0	16.0	15.9	15.9	15.2
	4CB	18.4	18.7	19.9	20.2	18.9	17.8	16.5	16.0	18.1	17.9	17.8	17.1
	4CC	21.7	22.0	23.2	23.5	22.1	21.0	19.7	19.7	21.8	21.6	21.2	20.8
	4DA	20.1	20.7	21.9	22.2	20.9	19.8	18.4	18.3	20.6	20.2	19.7	19.1
	4DB	18.3	18.9	20.1	20.5	19.1	18.1	16.6	16.6	18.9	18.4	17.9	17.2
	4DC	17.8	18.3	19.6	19.9	18.6	17.5	16.1	16.0	18.3	17.8	17.3	16.7
	4DD	22.7	23.2	24.5	24.8	23.4	22.3	20.9	21.0	23.3	22.9	22.3	21.8
	4DE	22.9	23.2	24.5	24.8	23.3	22.2	20.9	21.0	23.1	22.9	22.4	22.0
	4EA	21.1	21.6	22.8	23.0	21.7	20.6	19.2	19.1	21.2	20.9	20.6	20.0
	4EB	19.7	20.2	21.4	21.7	20.3	19.2	17.9	17.8	20.0	19.7	19.2	18.6
	4EC	22.5	23.0	24.3	24.6	23.2	22.1	20.7	20.8	23.1	22.7	22.1	21.5
	4ED	23.7	24.1	25.3	25.6	24.1	23.0	21.7	21.8	23.8	23.7	23.2	22.8
	4FA	22.1	22.6	23.8	24.0	22.5	21.4	20.1	20.0	22.1	21.9	21.5	21.0
	4FB	25.7	26.0	27.2	27.4	25.9	24.7	23.5	23.6	25.5	25.4	25.0	24.7
	4GA	27.0	27.2	28.4	28.5	27.0	25.8	24.6	24.7	26.5	26.6	26.1	25.9
	4GB	27.8	28.0	29.2	29.3	27.8	26.6	25.5	25.6	27.3	27.5	27.1	26.9
	4GC	28.7	28.9	30.1	30.3	28.7	27.4	26.4	26.5	28.1	28.4	28.1	27.9
	4GD	28.0	28.2	29.4	29.6	28.1	26.8	25.8	25.8	27.4	27.8	27.6	27.3
	4GE	27.4	27.6	28.8	29.0	27.5	26.2	25.2	25.2	26.9	27.2	27.0	26.7
	4GF	27.6	27.7	29.0	29.1	27.6	26.3	25.3	25.4	26.9	27.4	27.3	27.0
	4GG	28.9	28.8	30.2	30.3	28.8	27.3	26.5	26.7	27.9	28.6	28.9	28.6
	4HA	24.8	25.0	26.2	26.4	24.8	23.6	22.4	22.5	24.2	24.6	24.4	24.0
	4HB	27.8	27.9	29.1	29.3	27.7	26.4	25.4	25.4	26.9	27.5	27.5	27.1
	4HC	28.2	28.3	29.5	29.5	27.9	26.5	25.5	25.5	27.0	27.7	27.9	27.4
	4JA	29.1	29.1	30.4	30.5	28.9	27.5	26.6	26.7	28.2	28.7	28.4	28.3
	4JB	29.0	29.0	30.3	30.4	28.9	27.5	26.7	26.8	28.0	28.7	28.9	28.7
	4KA	28.9	28.9	30.2	30.3	28.8	27.4	26.6	26.7	28.0	28.6	28.7	28.5
	4KB	28.8	28.7	30.1	30.2	28.8	27.3	26.5	26.7	27.9	28.6	28.7	28.5
ENNCA	5AA	17.2	17.5	18.7	18.9	17.8	16.6	15.4	14.3	16.4	16.2	16.5	15.8
	5AB	17.4	17.7	19.0	19.1	18.0	16.8	15.6	14.6	16.7	16.5	16.7	16.0
	5AC	19.6	19.8	21.0	21.1	19.9	18.8	17.6	16.6	18.6	18.4	18.6	18.0
	5AD	19.6	19.8	21.0	21.2	20.0	18.9	17.6	16.7	18.7	18.6	18.7	18.1
	5BA	17.8	18.2	19.4	19.7	18.5	17.3	16.0	15.4	17.5	17.2	17.2	16.5
	5BB	16.0	16.4	17.6	17.9	16.6	15.5	14.2	13.5	15.6	15.3	15.4	14.7
	5BC-1	17.6	18.0	19.2	19.5	18.2	17.1	15.8	15.1	17.2	16.9	17.0	16.3
	5BC-2	20.2	20.5	21.7	21.8	20.6	19.5	18.2	17.4	19.5	19.3	19.3	18.7
	5BD	18.4	18.7	19.9	20.1	19.0	17.8	16.6	15.7	17.7	17.5	17.7	17.0
	5BE	16.5	16.9	18.2	18.4	17.1	16.0	14.7	14.1	16.2	15.9	15.9	15.2
	5CA	19.4	19.6	20.8	20.8	19.7	18.5	17.4	16.2	18.1	18.0	18.3	17.7
	5CB	22.6	22.7	23.9	23.8	22.7	21.5	20.4	19.3	21.1	21.1	21.4	20.8
	5CC	22.5	22.6	23.8	23.7	22.6	21.5	20.4	19.0	20.9	21.1	21.3	20.6
	5DA	21.6	22.0	23.1	23.3	22.0	20.9	19.6	19.0	21.0	20.8	20.7	20.1
	5DB	20.4	20.7	21.9	22.0	20.7	19.6	18.4	17.6	19.7	19.5	19.5	18.9
	5DC	20.5	20.7	21.9	21.9	20.7	19.6	18.4	17.4	19.4	19.3	19.4	18.9
	5DD	23.6	23.8	25.0	25.0	23.8	22.7	21.5	20.5	22.5	22.4	22.5	21.9
	5EA	29.3	29.1	30.2	30.1	28.2	27.1	26.0	26.2	27.7	28.3	27.3	27.8
	5EB	28.9	28.7	29.7	29.4	27.6	26.6	25.4	25.4	26.9	27.7	26.8	27.2
	5EC	28.0	27.9	29.0	28.8	27.4	26.3	25.2	24.7	26.4	26.7	26.3	26.2
	5ED	27.8	27.7	29.0	29.0	27.5	26.4	25.2	24.8	26.5	26.8	26.3	26.1
	5FA	29.0	29.0	30.1	30.1	28.5	27.3	26.2	26.4	28.0	28.5	27.7	27.9
	5FB	29.8	29.7	30.8	30.8	29.1	27.9	26.8	27.1	28.5	29.2	28.3	28.6
	5G	28.1	27.9	29.3	29.1	27.2	26.2	24.9	25.1	26.6	27.3	26.4	26.8
	5HA	28.5	28.7	30.8	30.7	28.8	27.8	26.7	26.9	28.3	29.0	28.1	28.3
	5HB	27.7	27.7	29.3	29.2	27.4	26.4	25.2	25.1	26.6	27.3	26.6	26.7
	5J	27.8	27.6	28.7	28.5	27.4	26.3	25.2	24.0	25.6	26.1	26.2	25.8

Monthly Temperature by Sub-basin

Year 2025 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.4	22.5	22.6	20.9	20.5	19.9	19.5	19.7	21.3	21.4	21.2	21.3
	1AB	18.4	19.6	19.7	17.9	17.6	17.0	16.6	16.8	18.3	18.5	18.3	18.3
	1AC	21.9	23.0	23.1	21.4	21.0	20.4	20.0	20.2	21.7	21.9	21.7	21.8
	1AD	23.4	24.5	24.6	22.9	22.6	21.9	21.5	21.6	23.2	23.4	23.2	23.2
	1AE	23.9	25.0	25.1	23.6	23.2	22.5	22.0	22.1	23.7	23.9	23.8	23.7
	1AF	23.3	24.4	24.5	22.9	22.6	21.9	21.4	21.5	23.1	23.3	23.2	23.1
	1AG	23.4	24.5	24.6	23.1	22.7	22.0	21.5	21.6	23.2	23.4	23.3	23.2
	1AH	23.7	24.8	24.9	23.4	23.0	22.3	21.7	21.8	23.4	23.7	23.6	23.4
	1BA	17.0	18.1	18.3	16.5	16.2	15.5	15.1	15.3	16.9	17.1	16.9	16.9
	1BB	17.8	19.0	19.1	17.3	17.0	16.4	16.0	16.2	17.7	17.9	17.7	17.7
	1BC	18.9	20.1	20.2	18.4	18.1	17.5	17.1	17.4	18.9	19.0	18.8	18.8
	1BD	19.4	20.5	20.6	18.9	18.6	17.9	17.5	17.7	19.2	19.4	19.2	19.3
	1BE	19.2	20.3	20.5	18.7	18.4	17.8	17.4	17.6	19.1	19.3	19.1	19.1
	1BG	19.2	20.3	20.4	18.7	18.3	17.8	17.4	17.5	19.1	19.2	19.0	19.1
	1BH	18.7	19.8	20.0	18.2	17.9	17.3	16.9	17.1	18.6	18.8	18.6	18.6
	1CA	18.1	19.3	19.4	17.7	17.3	16.6	16.3	16.4	18.0	18.2	18.0	18.0
	1CB	17.9	19.0	19.2	17.5	17.1	16.4	16.0	16.2	17.7	17.9	17.7	17.8
	1CC	17.0	18.1	18.3	16.8	16.4	15.6	15.1	15.3	16.9	17.1	17.0	16.9
	1CD	19.0	20.1	20.2	18.6	18.2	17.5	17.1	17.2	18.8	19.1	18.9	18.9
	1CE	20.3	21.5	21.6	19.9	19.5	18.9	18.5	18.6	20.2	20.4	20.2	20.2
	1DA	21.5	22.6	22.7	21.0	20.7	20.0	19.6	19.7	21.3	21.5	21.3	21.3
	1DB	18.9	20.0	20.1	18.4	18.0	17.4	17.0	17.2	18.7	18.9	18.7	18.8
	1DC	22.3	23.4	23.5	21.9	21.6	20.9	20.4	20.5	22.1	22.3	22.2	22.1
	1DD	22.7	23.8	23.9	22.4	22.0	21.3	20.8	20.9	22.5	22.8	22.6	22.5
	1EA	20.5	21.6	21.7	20.2	19.9	19.1	18.6	18.7	20.3	20.6	20.5	20.3
	1EB	22.2	23.3	23.4	21.9	21.6	20.8	20.3	20.4	22.0	22.3	22.2	22.0
	1EC	22.1	23.2	23.3	21.8	21.4	20.7	20.2	20.3	21.9	22.2	22.0	21.9
	1ED	23.0	24.0	24.2	22.7	22.3	21.5	21.0	21.1	22.7	23.0	22.9	22.7
	1EE	23.5	24.6	24.7	23.2	22.8	22.1	21.6	21.6	23.3	23.6	23.4	23.3
	1EF	23.7	24.7	24.8	23.4	23.0	22.2	21.7	21.8	23.4	23.7	23.6	23.4
	1EG	23.1	24.1	24.2	22.8	22.4	21.6	21.1	21.2	22.8	23.1	23.0	22.8
	1FA	16.6	17.6	17.8	16.5	16.1	15.3	14.7	14.8	16.4	16.7	16.7	16.4
	1FB	18.8	19.9	20.0	18.5	18.2	17.4	16.9	17.0	18.6	18.9	18.7	18.6
	1FC	19.1	20.2	20.3	18.9	18.5	17.7	17.2	17.3	18.9	19.2	19.1	18.9
	1FD	18.3	19.3	19.5	18.3	17.9	17.1	16.5	16.6	18.2	18.5	18.4	18.1
	1FE	21.1	22.2	22.3	20.9	20.5	19.7	19.2	19.2	20.9	21.2	21.0	20.9
	1FF	21.6	22.7	22.8	21.4	20.9	20.1	19.6	19.7	21.3	21.6	21.5	21.4
	1FG	23.3	24.4	24.5	23.0	22.6	21.8	21.3	21.4	23.0	23.3	23.2	23.1
LVSCA	1GA	16.9	17.9	18.2	17.1	16.6	15.8	15.2	15.3	16.8	17.2	17.1	16.8
	1GB	20.1	21.1	21.3	20.2	19.7	18.9	18.3	18.4	20.0	20.3	20.3	19.9
	1GC	17.0	18.1	18.4	17.3	16.8	15.9	15.3	15.4	17.0	17.3	17.3	17.0
	1GD	21.7	22.7	23.0	21.9	21.4	20.6	20.0	20.1	21.6	21.9	21.9	21.6
	1GE	21.4	22.5	22.7	21.6	21.2	20.4	19.7	19.8	21.3	21.7	21.7	21.4
	1GF	22.5	23.5	23.8	22.7	22.3	21.4	20.8	20.9	22.4	22.8	22.8	22.4
	1GG	17.3	18.4	18.6	17.5	17.1	16.2	15.6	15.7	17.3	17.6	17.6	17.3
	1HA1	21.3	22.4	22.5	21.1	20.7	19.9	19.4	19.4	21.1	21.4	21.3	21.1
	1HA2	23.6	24.6	24.8	23.7	23.2	22.4	21.8	21.9	23.4	23.8	23.8	23.5
	1HB1	23.3	24.4	24.5	23.1	22.6	21.8	21.3	21.4	23.0	23.3	23.2	23.1
	1HB2	22.7	23.7	23.9	22.5	22.0	21.2	20.7	20.8	22.4	22.7	22.6	22.4
	1HC	23.7	24.8	24.9	23.5	23.0	22.2	21.7	21.8	23.4	23.7	23.7	23.5
	1HD	22.0	23.1	23.3	22.2	21.8	20.9	20.3	20.4	21.9	22.3	22.3	21.9
	1HE	22.3	23.3	23.6	22.5	22.0	21.2	20.6	20.6	22.1	22.5	22.6	22.2
	1HF	23.0	24.1	24.3	23.2	22.8	22.0	21.3	21.4	22.9	23.3	23.3	23.0
	1HG	22.9	24.0	24.2	23.1	22.6	21.8	21.2	21.3	22.8	23.1	23.2	22.8
	1JA	16.6	17.7	17.9	16.9	16.4	15.5	14.9	14.9	16.5	16.9	16.9	16.5
	1JB	18.5	19.6	19.8	18.8	18.3	17.4	16.8	16.9	18.4	18.8	18.8	18.4
	1JC	17.5	18.5	18.8	17.7	17.3	16.4	15.7	15.8	17.4	17.7	17.7	17.4
	1JD	19.6	20.7	20.9	19.8	19.4	18.5	17.9	18.0	19.5	19.9	19.9	19.5
	1JE	18.9	19.9	20.2	19.1	18.7	17.7	17.1	17.2	18.7	19.1	19.1	18.8
	1JF	18.2	19.2	19.5	18.4	17.9	17.0	16.4	16.5	18.0	18.4	18.4	18.1
	1JG1	21.0	22.0	22.3	21.2	20.8	19.9	19.3	19.4	20.9	21.2	21.3	20.9
	1JG2	22.8	23.8	24.1	23.0	22.6	21.7	21.1	21.2	22.7	23.1	23.1	22.7
	1KA	21.5	22.5	22.8	21.7	21.2	20.4	19.7	19.8	21.3	21.7	21.8	21.4
	1KB	21.5	22.5	22.8	21.7	21.2	20.4	19.7	19.8	21.3	21.7	21.8	21.4
	1KC	20.7	21.7	21.9	20.9	20.4	19.5	18.9	19.0	20.5	20.9	20.9	20.6
	1LA1	17.0	18.1	18.3	17.3	16.8	15.8	15.2	15.3	16.9	17.3	17.3	16.9
	1LA2	20.2	21.3	21.5	20.5	20.0	19.1	18.4	18.5	20.0	20.5	20.5	20.1
	1LA3	18.7	19.6	19.9	19.1	18.5	17.7	16.9	16.9	18.4	19.0	19.1	18.7
	1LB1	17.2	18.3	18.6	17.6	17.1	16.1	15.5	15.5	17.1	17.5	17.5	17.2
	1LB2	19.0	20.0	20.3	19.4	18.8	17.9	17.2	17.2	18.8	19.3	19.4	18.9

Monthly Temperature by Sub-basin

Year 2025 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.9	29.0	29.1	27.0	26.8	26.5	26.2	26.5	27.8	27.9	27.7	27.8
	2AB	28.4	29.5	29.6	27.5	27.5	27.5	27.1	27.4	28.7	28.7	28.3	28.3
	2BA	19.5	20.6	20.8	18.9	18.7	18.2	17.8	18.0	19.5	19.6	19.4	19.4
	2BB	24.1	25.3	25.4	23.5	23.3	22.9	22.5	22.8	24.2	24.3	24.0	24.0
	2BC	22.5	23.6	23.7	21.8	21.7	21.3	20.9	21.1	22.5	22.6	22.4	22.4
	2BD	27.0	28.1	28.3	26.2	26.4	26.5	25.9	26.3	27.5	27.5	27.1	26.9
	2CA	28.6	29.7	29.9	27.8	28.1	28.3	27.7	28.1	29.3	29.2	28.8	28.5
	2CB	21.3	22.4	22.6	21.0	20.6	19.8	19.4	19.6	21.2	21.4	21.2	21.2
	2CC	26.3	27.4	27.6	25.6	25.5	25.2	24.8	25.1	26.4	26.5	26.2	26.2
	2D	24.7	25.9	26.0	24.1	23.8	23.2	22.9	23.1	24.6	24.7	24.6	24.5
	2EA	19.6	20.7	21.0	19.9	19.4	18.5	17.9	18.0	19.6	19.9	19.9	19.5
	2EB	19.3	20.5	20.7	19.5	19.0	18.1	17.6	17.7	19.3	19.6	19.5	19.2
	2EC	18.5	19.6	19.8	18.7	18.3	17.3	16.7	16.8	18.4	18.8	18.7	18.4
	2ED	16.4	17.5	17.7	16.6	16.2	15.3	14.7	14.8	16.3	16.7	16.7	16.3
	2EE	21.8	23.0	23.1	21.7	21.3	20.4	20.0	20.1	21.7	22.0	21.9	21.7
	2EF	19.0	20.0	20.3	19.2	18.8	17.9	17.3	17.4	18.9	19.2	19.2	18.9
	2EG1	15.3	16.4	16.6	15.6	15.1	14.2	13.6	13.6	15.2	15.6	15.6	15.2
	2EG2	21.5	22.6	22.8	21.6	21.1	20.2	19.7	19.8	21.4	21.7	21.6	21.4
	2EH	22.8	24.0	24.1	22.5	22.1	21.2	20.9	21.0	22.7	22.9	22.7	22.7
	2EJ	21.2	22.4	22.5	20.9	20.4	19.6	19.3	19.4	21.1	21.2	21.1	21.0
	2EK	19.3	20.5	20.6	19.1	18.6	17.7	17.4	17.5	19.2	19.4	19.2	19.2
	2FA	17.6	18.7	18.9	17.9	17.4	16.3	15.8	15.8	17.5	17.9	17.8	17.4
	2FB	18.0	19.1	19.4	18.3	17.9	16.9	16.3	16.4	18.0	18.3	18.3	17.9
	2FC	16.9	18.0	18.2	17.2	16.7	15.7	15.1	15.1	16.8	17.2	17.1	16.8
	2GA	17.0	18.1	18.3	17.3	16.8	15.7	15.2	15.2	17.0	17.3	17.3	16.8
	2GB	15.1	16.2	16.5	15.5	14.9	13.8	13.3	13.3	15.1	15.4	15.4	14.9
	2GC	14.1	15.3	15.5	14.5	14.0	12.8	12.4	12.3	14.1	14.5	14.4	14.0
	2GD	16.6	17.7	17.9	17.0	16.4	15.3	14.8	14.8	16.5	16.9	16.8	16.4
	2H-1	21.4	22.4	22.6	21.9	21.2	20.2	19.5	19.4	21.1	21.6	21.8	21.3
	2H-2	21.9	22.8	23.1	22.3	21.6	20.6	20.0	19.8	21.5	22.1	22.3	21.8
	2H-3	21.2	22.1	22.4	21.8	20.8	19.7	19.1	18.9	20.5	21.2	21.6	21.2
	2J	27.6	28.7	28.8	26.7	26.6	26.5	26.1	26.3	27.7	27.7	27.4	27.5
	2KA	17.6	18.6	18.9	17.9	17.4	16.4	15.8	15.8	17.4	17.8	17.9	17.4
	2KB	19.9	20.8	21.1	20.3	19.7	18.8	18.1	18.0	19.7	20.1	20.3	19.8
	2KC	22.9	23.8	24.1	23.4	22.7	21.8	21.1	21.0	22.6	23.2	23.4	22.8
ACA	3AA	19.1	20.0	20.3	19.7	18.8	17.6	17.1	16.9	18.6	19.2	19.4	19.0
	3AB	19.6	20.5	20.8	20.2	19.2	18.1	17.5	17.3	19.0	19.6	19.9	19.6
	3AC	20.2	21.1	21.5	20.8	19.9	18.7	18.2	18.0	19.7	20.3	20.5	20.1
	3BA	19.0	19.9	20.3	19.5	18.7	17.6	17.1	16.9	18.6	19.2	19.3	18.9
	3BB	19.0	20.0	20.3	19.6	18.8	17.6	17.1	16.9	18.8	19.2	19.4	18.9
	3BC	17.8	18.8	19.1	18.3	17.6	16.4	15.9	15.8	17.6	18.0	18.1	17.6
	3BD	18.6	19.7	20.0	19.2	18.4	17.2	16.7	16.6	18.4	18.9	18.9	18.5
	3CB	19.4	20.5	20.8	20.0	19.2	18.0	17.5	17.4	19.2	19.7	19.7	19.3
	3DA	21.5	22.4	22.8	22.1	21.2	20.0	19.5	19.3	21.1	21.6	21.8	21.4
	3DB	22.8	23.7	24.0	23.4	22.5	21.3	20.8	20.5	22.2	22.9	23.2	22.7
	3EA	20.0	20.9	21.3	20.6	19.7	18.5	18.0	17.8	19.5	20.1	20.4	19.9
	3EB	21.1	22.0	22.4	21.8	20.8	19.6	19.1	18.9	20.6	21.2	21.5	21.0
	3EC	21.0	21.9	22.2	21.6	20.6	19.5	18.9	18.7	20.3	21.0	21.4	20.9
	3ED	23.3	24.1	24.5	23.9	22.9	21.8	21.2	21.0	22.6	23.3	23.7	23.2
	3FA	22.2	23.0	23.3	22.8	21.7	20.7	20.0	19.8	21.4	22.1	22.6	22.1
	3FB	25.0	25.7	26.1	25.8	24.5	23.6	22.7	22.5	23.9	24.8	25.5	24.9
	3G	24.0	24.7	25.0	24.8	23.5	22.5	21.6	21.5	22.8	23.7	24.5	23.8
	3HA	26.7	27.4	27.8	27.7	26.4	25.3	24.2	24.1	25.3	26.4	27.3	26.5
	3HB	28.5	29.2	29.6	29.3	27.9	27.0	26.0	25.9	27.1	28.1	28.9	28.3
	3HC	29.1	29.7	30.2	29.7	28.3	27.5	26.6	26.5	27.7	28.6	29.5	29.0
	3HD1	29.2	29.8	30.2	29.8	28.3	27.6	26.7	26.5	27.7	28.7	29.5	29.1
	3HD2	29.5	30.1	30.5	30.0	28.5	27.9	27.0	26.8	28.0	29.0	29.9	29.4
	3J	24.7	25.3	25.7	25.4	24.2	23.2	22.2	22.1	23.4	24.3	25.1	24.5
	3K	29.1	29.7	30.1	29.8	28.4	27.5	26.5	26.4	27.7	28.6	29.4	28.9
	3LA	27.9	28.5	28.9	28.7	27.3	26.4	25.3	25.2	26.4	27.4	28.3	27.7
	3LB	29.3	29.9	30.4	29.9	28.5	27.7	26.8	26.6	27.9	28.8	29.7	29.2
	3MA-1	25.7	26.3	26.7	26.5	25.2	24.2	23.1	23.0	24.2	25.3	26.1	25.4
	3MA-2	27.7	28.3	28.7	28.5	27.1	26.1	25.1	25.0	26.2	27.2	28.1	27.4
	3MB	28.7	29.3	29.8	29.4	28.1	27.1	26.1	26.0	27.3	28.2	29.1	28.5
	3MC	28.6	29.2	29.7	29.3	27.9	27.0	26.0	25.9	27.2	28.1	29.0	28.4
	3MD1	29.2	29.8	30.3	29.9	28.5	27.6	26.7	26.5	27.8	28.7	29.6	29.1
	3MD2	29.6	30.2	30.7	30.3	28.9	28.0	27.0	26.9	28.2	29.1	29.9	29.5
	3N	21.5	22.3	22.6	22.2	21.0	20.0	19.3	19.1	20.6	21.4	21.9	21.5

Monthly Temperature by Sub-basin

Year 2025 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.8	17.0	17.3	16.3	15.8	14.4	14.1	14.0	16.0	16.3	16.1	15.6
	4AB	16.5	17.7	18.0	17.0	16.4	15.2	14.8	14.7	16.6	16.9	16.8	16.3
	4AC	16.1	17.3	17.6	16.6	16.1	14.8	14.4	14.3	16.2	16.6	16.4	15.9
	4AD	16.4	17.5	17.8	16.9	16.3	15.0	14.6	14.6	16.5	16.8	16.7	16.2
	4BA	20.5	21.7	22.0	21.0	20.4	19.1	18.7	18.6	20.7	21.0	20.8	20.3
	4BB	17.6	18.8	19.1	18.1	17.5	16.2	15.8	15.7	17.8	18.1	17.9	17.3
	4BC	20.3	21.5	21.9	21.0	20.3	18.9	18.6	18.4	20.5	20.8	20.7	20.1
	4BD	18.4	19.6	19.9	18.9	18.3	17.0	16.6	16.5	18.5	18.8	18.7	18.2
	4BE	19.6	20.7	21.0	20.2	19.5	18.2	17.8	17.7	19.6	20.0	19.9	19.4
	4BF	21.2	22.3	22.6	21.8	21.0	19.7	19.3	19.1	21.1	21.5	21.5	21.1
	4BG	22.3	23.4	23.8	23.0	22.2	20.8	20.5	20.2	22.3	22.7	22.7	22.2
	4CA	16.2	17.3	17.6	16.7	16.1	14.8	14.4	14.3	16.2	16.5	16.5	16.0
	4CB	18.1	19.2	19.5	18.6	18.0	16.7	16.3	16.2	18.1	18.4	18.4	17.9
	4CC	21.5	22.5	22.8	22.1	21.3	20.0	19.6	19.3	21.3	21.7	21.8	21.3
	4DA	19.9	21.1	21.5	20.6	19.9	18.5	18.2	18.0	20.1	20.4	20.2	19.7
	4DB	18.1	19.3	19.7	18.8	18.1	16.6	16.4	16.2	18.4	18.6	18.4	17.8
	4DC	17.5	18.8	19.1	18.2	17.6	16.1	15.8	15.6	17.8	18.1	17.9	17.3
	4DD	22.5	23.7	24.0	23.2	22.5	21.0	20.7	20.5	22.6	23.0	22.9	22.3
	4DE	22.7	23.7	24.1	23.3	22.5	21.2	20.8	20.5	22.5	23.0	23.0	22.5
	4EA	20.9	22.0	22.4	21.4	20.7	19.4	19.0	18.9	20.9	21.2	21.2	20.6
	4EB	19.5	20.6	21.0	20.1	19.4	18.0	17.7	17.5	19.6	19.9	19.8	19.2
	4EC	22.3	23.5	23.9	23.0	22.3	20.8	20.5	20.3	22.4	22.8	22.6	22.1
	4ED	23.5	24.6	24.9	24.2	23.3	22.0	21.5	21.4	23.3	23.7	23.8	23.3
	4FA	21.9	23.1	23.4	22.4	21.6	20.3	19.9	19.8	21.7	22.1	22.1	21.7
	4FB	25.5	26.6	26.9	25.9	25.0	23.8	23.3	23.3	25.0	25.5	25.7	25.3
	4GA	26.8	27.9	28.1	27.1	26.1	25.0	24.5	24.5	26.1	26.6	26.9	26.7
	4GB	27.6	28.7	29.0	28.1	27.0	26.0	25.4	25.3	26.9	27.4	27.9	27.6
	4GC	28.6	29.6	29.9	29.2	28.0	27.1	26.4	26.3	27.7	28.4	28.9	28.7
	4GD	27.9	28.8	29.2	28.5	27.4	26.5	25.7	25.6	27.1	27.7	28.3	27.9
	4GE	27.3	28.2	28.6	27.9	26.8	25.9	25.1	25.0	26.5	27.2	27.7	27.3
	4GF	27.6	28.3	28.8	28.2	27.0	26.1	25.3	25.2	26.6	27.3	28.0	27.6
	4GG	29.1	29.7	30.1	29.6	28.1	27.6	26.7	26.4	27.7	28.6	29.5	29.1
	4HA	24.6	25.4	25.8	25.3	24.2	23.1	22.4	22.3	23.8	24.5	25.0	24.5
	4HB	27.7	28.4	28.8	28.4	27.1	26.2	25.4	25.3	26.6	27.4	28.1	27.6
	4HC	28.0	28.7	29.1	28.7	27.4	26.5	25.5	25.4	26.7	27.6	28.4	27.8
	4JA	29.1	30.0	30.2	29.4	28.1	27.3	26.6	26.5	27.8	28.6	29.3	29.1
	4JB	29.3	29.9	30.3	29.6	28.2	27.6	26.8	26.5	27.8	28.7	29.6	29.3
	4KA	29.1	29.8	30.2	29.5	28.1	27.5	26.7	26.4	27.7	28.6	29.4	29.2
	4KB	29.1	29.7	30.1	29.5	28.0	27.5	26.6	26.4	27.6	28.5	29.4	29.1
ENNCA	5AA	16.9	18.1	18.3	17.1	16.7	15.6	15.2	15.2	16.9	17.2	17.1	16.8
	5AB	17.1	18.3	18.5	17.4	16.9	15.8	15.4	15.4	17.2	17.4	17.3	17.0
	5AC	19.3	20.5	20.7	19.1	18.6	17.7	17.4	17.5	19.2	19.4	19.2	19.1
	5AD	19.3	20.4	20.7	19.3	18.8	17.7	17.4	17.5	19.2	19.5	19.3	19.1
	5BA	17.5	18.7	19.0	18.0	17.4	16.2	15.8	15.7	17.6	17.9	17.8	17.3
	5BB	15.7	16.9	17.2	16.1	15.6	14.4	14.0	14.0	15.8	16.1	16.0	15.6
	5BC-1	17.3	18.5	18.8	17.7	17.2	16.0	15.6	15.6	17.4	17.7	17.6	17.1
	5BC-2	19.9	21.1	21.3	19.9	19.4	18.3	18.0	18.1	19.9	20.1	19.9	19.7
	5BD	18.1	19.3	19.5	18.4	17.9	16.8	16.3	16.4	18.1	18.4	18.3	17.9
	5BE	16.3	17.5	17.7	16.6	16.1	14.9	14.5	14.5	16.4	16.6	16.5	16.0
	5CA	19.1	20.3	20.5	18.8	18.3	17.5	17.2	17.4	19.0	19.2	19.0	19.0
	5CB	22.2	23.4	23.6	21.8	21.3	20.5	20.2	20.5	22.0	22.2	22.1	22.1
	5CC	22.2	23.4	23.5	21.6	21.2	20.5	20.2	20.5	22.0	22.1	22.0	22.0
	5DA	21.3	22.6	22.8	21.4	20.8	19.7	19.4	19.5	21.3	21.5	21.4	21.1
	5DB	20.1	21.3	21.5	20.1	19.5	18.4	18.2	18.3	20.0	20.3	20.1	19.9
	5DC	20.2	21.4	21.5	20.0	19.5	18.5	18.2	18.3	20.0	20.2	20.1	20.0
	5DD	23.3	24.5	24.7	23.0	22.5	21.6	21.3	21.5	23.1	23.3	23.2	23.1
	5EA	29.1	30.2	30.1	28.5	27.3	26.3	26.0	26.3	27.4	28.0	28.4	29.0
	5EB	28.6	29.8	29.6	27.6	26.5	25.6	25.4	25.7	27.0	27.5	27.6	28.4
	5EC	27.6	28.8	28.8	26.9	26.2	25.3	25.1	25.4	26.8	27.1	27.1	27.4
	5ED	27.5	28.7	28.8	27.2	26.3	25.4	25.2	25.3	26.8	27.1	27.2	27.3
	5FA	28.9	30.0	30.1	28.8	27.5	26.6	26.3	26.2	27.7	28.2	28.6	28.9
	5FB	29.6	30.8	30.8	29.5	28.2	27.3	26.9	26.9	28.2	28.8	29.3	29.7
	5G	28.1	29.1	29.1	27.2	26.1	25.2	24.7	25.3	26.4	27.1	27.1	27.8
	5HA	29.4	30.1	30.6	28.7	27.9	27.0	25.8	27.0	27.7	28.6	28.5	28.9
	5HB	28.1	29.0	29.2	27.1	26.3	25.5	24.7	25.6	26.6	27.2	27.1	27.7
	5J	27.4	28.6	28.5	26.4	25.9	25.3	25.1	25.4	26.8	27.0	26.9	27.2

Monthly Temperature by Sub-basin

Year 2026 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	20.2	21.1	22.0	20.8	19.7	18.5	17.4	18.1	19.2	20.7	20.5	20.1
	1AB	17.2	18.2	19.0	17.9	16.8	15.5	14.4	15.2	16.2	17.8	17.6	17.2
	1AC	20.7	21.7	22.5	21.3	20.2	19.0	17.9	18.6	19.7	21.2	21.1	20.6
	1AD	22.3	23.2	24.0	22.9	21.8	20.5	19.4	20.2	21.2	22.8	22.6	22.2
	1AE	22.9	23.8	24.7	23.5	22.4	21.1	20.0	20.8	21.8	23.4	23.2	22.8
	1AF	22.3	23.2	24.0	22.9	21.8	20.5	19.4	20.2	21.2	22.8	22.6	22.2
	1AG	22.4	23.4	24.2	23.1	21.9	20.7	19.6	20.3	21.4	23.0	22.8	22.3
	1AH	22.7	23.7	24.5	23.4	22.2	21.0	19.9	20.6	21.7	23.3	23.1	22.6
	1BA	15.9	16.9	17.7	16.5	15.4	14.2	13.0	13.9	14.9	16.5	16.2	15.8
	1BB	16.7	17.6	18.4	17.3	16.2	14.9	13.8	14.6	15.6	17.2	17.0	16.6
	1BC	17.7	18.7	19.4	18.3	17.2	16.0	14.8	15.6	16.7	18.2	18.0	17.6
	1BD	18.3	19.2	20.0	18.9	17.8	16.5	15.4	16.2	17.2	18.8	18.6	18.2
	1BE	18.0	18.9	19.7	18.6	17.5	16.3	15.1	15.9	17.0	18.5	18.3	17.9
	1BG	18.0	18.9	19.8	18.6	17.5	16.3	15.1	15.9	17.0	18.5	18.3	17.9
	1BH	17.5	18.5	19.3	18.2	17.0	15.8	14.7	15.4	16.5	18.1	17.9	17.5
	1CA	17.1	18.1	18.9	17.7	16.7	15.4	14.2	15.1	16.1	17.7	17.5	17.0
	1CB	16.9	17.9	18.6	17.5	16.4	15.1	14.0	14.8	15.9	17.5	17.2	16.8
	1CC	16.1	17.1	17.9	16.7	15.7	14.3	13.2	14.1	15.1	16.7	16.5	16.0
	1CD	18.0	19.0	19.8	18.6	17.5	16.2	15.1	15.9	17.0	18.6	18.3	17.9
	1CE	19.3	20.2	21.0	19.9	18.8	17.5	16.4	17.2	18.2	19.8	19.6	19.2
	1DA	20.4	21.4	22.2	21.0	19.9	18.7	17.5	18.3	19.4	21.0	20.8	20.3
	1DB	17.7	18.7	19.5	18.3	17.2	16.0	14.9	15.6	16.7	18.2	18.0	17.6
	1DC	21.3	22.2	23.0	21.9	20.8	19.5	18.4	19.2	20.2	21.8	21.6	21.2
	1DD	21.7	22.7	23.5	22.4	21.2	20.0	18.9	19.6	20.7	22.3	22.1	21.6
	1EA	19.6	20.6	21.4	20.3	19.2	17.9	16.8	17.6	18.6	20.2	20.0	19.5
	1EB	21.3	22.3	23.1	22.0	20.8	19.6	18.5	19.2	20.3	21.9	21.7	21.2
	1EC	21.2	22.1	22.9	21.8	20.7	19.4	18.3	19.1	20.1	21.7	21.5	21.1
	1ED	22.0	23.0	23.8	22.7	21.5	20.3	19.2	20.0	21.0	22.6	22.4	22.0
	1EE	22.6	23.5	24.4	23.2	22.1	20.8	19.7	20.5	21.5	23.1	22.9	22.5
	1EF	22.7	23.7	24.5	23.4	22.2	21.0	19.9	20.6	21.7	23.3	23.1	22.7
	1EG	22.2	23.1	23.9	22.8	21.7	20.4	19.3	20.1	21.1	22.7	22.5	22.1
	1FA	15.8	16.7	17.5	16.4	15.3	14.0	12.9	13.7	14.8	16.4	16.1	15.7
	1FB	18.0	18.9	19.7	18.6	17.5	16.2	15.1	15.9	16.9	18.5	18.3	17.9
	1FC	18.3	19.3	20.0	18.9	17.8	16.5	15.4	16.2	17.3	18.9	18.6	18.2
	1FD	17.5	18.4	19.2	18.1	17.0	15.7	14.6	15.4	16.4	18.0	17.8	17.4
	1FE	20.3	21.2	22.0	20.9	19.8	18.5	17.4	18.2	19.2	20.8	20.6	20.2
	1FF	20.7	21.7	22.5	21.4	20.2	19.0	17.9	18.7	19.7	21.3	21.1	20.7
	1FG	22.4	23.3	24.2	23.1	21.9	20.6	19.6	20.3	21.4	23.0	22.8	22.3
LVSCA	1GA	16.1	17.1	17.8	16.8	15.7	14.3	13.2	14.1	15.1	16.7	16.5	16.0
	1GB	19.3	20.2	21.0	19.9	18.8	17.5	16.4	17.2	18.2	19.8	19.6	19.2
	1GC	16.4	17.3	18.1	17.0	15.9	14.6	13.5	14.3	15.4	17.0	16.7	16.2
	1GD	20.9	21.8	22.6	21.6	20.4	19.1	18.0	18.9	19.9	21.5	21.3	20.8
	1GE	20.7	21.6	22.4	21.3	20.2	18.9	17.8	18.6	19.7	21.3	21.0	20.6
	1GF	21.7	22.6	23.5	22.4	21.2	19.9	18.8	19.7	20.7	22.3	22.1	21.6
	1GG	16.6	17.6	18.3	17.3	16.1	14.8	13.7	14.6	15.6	17.2	17.0	16.5
	1HA1	20.5	21.4	22.2	21.1	20.0	18.7	17.6	18.4	19.5	21.1	20.9	20.4
	1HA2	22.8	23.7	24.5	23.4	22.3	21.0	19.9	20.7	21.7	23.3	23.1	22.7
	1HB1	22.5	23.4	24.2	23.1	21.9	20.7	19.6	20.4	21.4	23.0	22.8	22.4
	1HB2	21.9	22.8	23.6	22.5	21.3	20.1	19.0	19.8	20.8	22.4	22.2	21.8
	1HC	22.9	23.8	24.6	23.5	22.4	21.1	20.0	20.8	21.8	23.4	23.2	22.8
	1HD	21.2	22.2	23.0	21.9	20.7	19.4	18.4	19.2	20.2	21.8	21.6	21.2
	1HE	21.5	22.4	23.2	22.2	21.0	19.7	18.6	19.4	20.5	22.1	21.9	21.4
	1HF	22.2	23.2	24.0	22.9	21.7	20.4	19.4	20.1	21.2	22.8	22.6	22.1
	1HG	22.1	23.1	23.9	22.8	21.6	20.3	19.3	20.0	21.1	22.7	22.5	22.0
	1JA	16.0	16.9	17.7	16.6	15.5	14.1	13.1	13.9	15.0	16.6	16.3	15.8
	1JB	17.8	18.8	19.6	18.5	17.4	16.0	15.0	15.8	16.8	18.5	18.2	17.7
	1JC	16.8	17.7	18.5	17.4	16.3	15.0	13.9	14.8	15.8	17.4	17.2	16.7
	1JD	18.9	19.8	20.6	19.5	18.4	17.1	16.0	16.8	17.9	19.5	19.2	18.8
	1JE	18.2	19.1	19.9	18.9	17.7	16.4	15.3	16.1	17.2	18.8	18.6	18.1
	1JF	17.5	18.4	19.2	18.2	17.0	15.7	14.6	15.5	16.5	18.1	17.9	17.4
	1JG1	20.3	21.2	22.0	20.9	19.8	18.4	17.4	18.2	19.2	20.8	20.6	20.2
	1JG2	22.0	22.9	23.8	22.7	21.5	20.2	19.1	20.0	21.0	22.6	22.4	21.9
	1KA	20.7	21.7	22.5	21.4	20.2	18.9	17.9	18.6	19.7	21.3	21.1	20.6
	1KB	20.7	21.7	22.5	21.4	20.2	18.9	17.9	18.7	19.7	21.3	21.1	20.7
	1KC	20.0	20.9	21.7	20.6	19.4	18.1	17.1	17.9	18.9	20.6	20.4	19.9
	1LA1	16.4	17.3	18.1	17.0	15.9	14.6	13.5	14.4	15.4	17.0	16.8	16.3
	1LA2	19.6	20.5	21.3	20.3	19.1	17.7	16.7	17.5	18.6	20.2	20.0	19.5
	1LA3	18.6	19.5	20.3	19.3	18.0	16.7	15.8	16.5	17.6	19.2	19.0	18.5
	1LB1	16.7	17.6	18.4	17.3	16.2	14.8	13.8	14.6	15.7	17.3	17.0	16.5
	1LB2	18.7	19.6	20.4	19.3	18.1	16.8	15.8	16.6	17.7	19.3	19.1	18.5

Monthly Temperature by Sub-basin

Year 2026 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.4	27.3	28.1	26.8	25.9	24.6	23.4	24.3	25.2	26.7	26.6	26.3
	2AB	26.6	27.5	28.3	27.0	26.0	24.8	23.7	24.4	25.4	26.9	26.8	26.5
	2BA	18.2	19.2	20.0	18.8	17.7	16.5	15.3	16.1	17.2	18.7	18.5	18.1
	2BB	22.7	23.7	24.5	23.3	22.3	21.0	19.8	20.7	21.7	23.2	23.0	22.7
	2BC	21.1	22.0	22.8	21.6	20.6	19.4	18.2	19.0	20.0	21.5	21.4	21.0
	2BD	25.1	26.0	26.8	25.5	24.5	23.3	22.2	22.9	24.0	25.4	25.3	25.0
	2CA	26.6	27.5	28.3	27.0	26.1	24.8	23.6	24.4	25.4	26.9	26.8	26.5
	2CB	20.4	21.3	22.1	21.0	19.9	18.6	17.4	18.3	19.4	20.9	20.7	20.2
	2CC	24.8	25.8	26.6	25.3	24.4	23.1	21.9	22.8	23.8	25.2	25.1	24.7
	2D	23.6	24.6	25.3	24.1	23.1	21.9	20.6	21.6	22.6	24.1	23.9	23.4
	2EA	19.1	20.1	20.8	19.7	18.7	17.3	16.1	17.1	18.2	19.8	19.4	18.8
	2EB	18.7	19.7	20.5	19.4	18.3	16.9	15.8	16.8	17.8	19.4	19.1	18.5
	2EC	17.9	18.9	19.6	18.6	17.5	16.1	15.0	15.9	17.0	18.6	18.3	17.7
	2ED	15.7	16.6	17.4	16.3	15.2	13.9	12.8	13.6	14.7	16.3	16.0	15.5
	2EE	21.1	22.0	22.8	21.7	20.6	19.3	18.1	19.0	20.1	21.7	21.4	20.9
	2EF	18.3	19.3	20.0	18.9	17.9	16.5	15.4	16.3	17.3	18.9	18.6	18.1
	2EG1	14.7	15.7	16.4	15.3	14.2	12.9	11.8	12.7	13.7	15.3	15.0	14.5
	2EG2	20.8	21.8	22.5	21.4	20.4	19.0	17.9	18.8	19.9	21.5	21.1	20.6
	2EH	22.0	22.9	23.7	22.6	21.5	20.2	19.0	19.9	21.0	22.5	22.3	21.8
	2EJ	20.4	21.4	22.1	21.0	20.0	18.6	17.5	18.4	19.5	21.0	20.7	20.2
	2EK	18.6	19.6	20.3	19.2	18.2	16.8	15.7	16.6	17.7	19.3	18.9	18.4
	2FA	17.1	18.1	18.8	17.8	16.7	15.3	14.2	15.2	16.3	17.9	17.5	16.9
	2FB	17.5	18.5	19.2	18.2	17.1	15.7	14.6	15.6	16.6	18.2	17.9	17.3
	2FC	16.4	17.4	18.1	17.1	16.0	14.6	13.5	14.4	15.5	17.1	16.7	16.2
	2GA	16.6	17.6	18.3	17.3	16.2	14.8	13.7	14.7	15.8	17.4	17.0	16.3
	2GB	14.7	15.7	16.5	15.4	14.4	12.9	11.8	12.8	13.9	15.5	15.1	14.4
	2GC	13.9	14.9	15.6	14.6	13.5	12.0	11.0	12.0	13.1	14.7	14.2	13.5
	2GD	16.2	17.2	17.9	16.9	15.8	14.4	13.4	14.3	15.4	17.0	16.6	15.9
	2H-1	21.3	22.3	23.0	22.0	20.8	19.4	18.5	19.3	20.4	22.0	21.7	21.1
	2H-2	21.9	22.9	23.6	22.6	21.4	20.0	19.1	19.9	21.0	22.6	22.3	21.7
	2H-3	21.4	22.3	23.1	22.1	20.8	19.5	18.6	19.3	20.4	22.1	21.8	21.2
	2J	25.9	26.9	27.7	26.4	25.3	24.2	23.0	23.7	24.8	26.2	26.2	25.8
	2KA	17.1	18.1	18.8	17.8	16.7	15.3	14.3	15.1	16.2	17.8	17.5	17.0
	2KB	19.8	20.8	21.5	20.5	19.3	17.9	17.0	17.8	18.9	20.5	20.2	19.6
	2KC	22.9	23.9	24.6	23.6	22.3	21.0	20.1	20.9	21.9	23.6	23.3	22.7
ACA	3AA	19.3	20.3	21.0	20.0	18.8	17.4	16.5	17.4	18.4	20.1	19.7	19.0
	3AB	19.8	20.8	21.6	20.5	19.3	17.9	17.0	17.9	18.9	20.6	20.3	19.6
	3AC	20.4	21.4	22.1	21.2	20.0	18.5	17.6	18.5	19.6	21.3	20.9	20.1
	3BA	19.1	20.1	20.9	19.9	18.8	17.3	16.3	17.2	18.3	20.0	19.6	18.8
	3BB	19.2	20.2	20.9	19.9	18.8	17.3	16.4	17.3	18.4	20.1	19.6	18.9
	3BC	17.8	18.8	19.5	18.5	17.4	15.9	15.0	15.9	17.0	18.7	18.2	17.4
	3BD	18.7	19.7	20.4	19.4	18.3	16.8	15.9	16.8	17.9	19.6	19.1	18.3
	3CB	19.5	20.5	21.2	20.3	19.2	17.6	16.7	17.7	18.8	20.4	19.9	19.1
	3DA	21.7	22.7	23.5	22.5	21.4	19.8	18.9	19.9	21.0	22.7	22.2	21.3
	3DB	23.0	24.0	24.8	23.8	22.6	21.1	20.3	21.1	22.2	23.9	23.5	22.7
	3EA	20.2	21.2	22.0	21.0	19.8	18.4	17.5	18.3	19.4	21.1	20.7	19.9
	3EB	21.3	22.3	23.1	22.1	20.9	19.5	18.6	19.4	20.5	22.2	21.8	21.0
	3EC	21.2	22.1	23.0	21.9	20.7	19.3	18.4	19.2	20.3	22.0	21.7	20.9
	3ED	23.5	24.4	25.3	24.2	22.9	21.6	20.7	21.5	22.6	24.3	24.0	23.2
	3FA	22.4	23.3	24.2	23.1	21.8	20.5	19.6	20.3	21.4	23.1	22.9	22.2
	3FB	25.2	26.2	27.1	26.0	24.4	23.2	22.5	23.0	24.0	25.9	25.7	25.0
	3G	24.2	25.2	26.1	25.0	23.4	22.2	21.4	21.9	22.9	24.8	24.7	24.0
	3HA	27.1	28.0	29.0	28.0	26.1	25.0	24.3	24.6	25.6	27.6	27.6	26.7
	3HB	28.7	29.6	30.6	29.5	27.7	26.6	25.9	26.3	27.3	29.2	29.2	28.5
	3HC	29.1	30.0	31.0	29.8	28.1	27.0	26.3	26.8	27.8	29.5	29.7	29.2
	3HD1	29.1	30.0	31.0	29.8	28.1	27.0	26.3	26.9	27.8	29.5	29.7	29.3
	3HD2	29.4	30.2	31.2	30.0	28.3	27.3	26.6	27.1	28.1	29.8	30.0	29.7
	3J	24.9	25.8	26.8	25.7	24.0	22.8	22.1	22.5	23.5	25.5	25.4	24.7
	3K	29.2	30.1	31.1	29.9	28.2	27.0	26.4	26.8	27.8	29.6	29.7	29.1
	3LA	28.1	29.0	30.0	28.9	27.1	25.9	25.3	25.6	26.6	28.5	28.6	27.9
	3LB	29.3	30.2	31.2	30.0	28.3	27.2	26.5	27.0	28.0	29.7	29.8	29.4
	3MA-1	25.9	26.9	27.9	26.8	24.9	23.8	23.1	23.5	24.4	26.4	26.4	25.7
	3MA-2	27.9	28.8	29.8	28.7	26.9	25.7	25.1	25.4	26.4	28.3	28.3	27.6
	3MB	28.8	29.7	30.8	29.6	27.8	26.7	26.0	26.4	27.4	29.3	29.3	28.7
	3MC	28.7	29.6	30.7	29.5	27.7	26.6	25.9	26.3	27.3	29.2	29.2	28.6
	3MD1	29.3	30.2	31.2	30.0	28.3	27.1	26.5	26.9	27.9	29.7	29.8	29.3
	3MD2	29.7	30.6	31.6	30.4	28.7	27.5	26.9	27.3	28.3	30.1	30.2	29.6
	3N	21.7	22.7	23.5	22.4	21.0	19.8	18.9	19.6	20.6	22.4	22.2	21.6

Monthly Temperature by Sub-basin

Year 2026 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.8	16.9	17.6	16.6	15.6	14.0	13.0	14.1	15.2	16.9	16.2	15.3
	4AB	16.4	17.4	18.1	17.1	16.1	14.5	13.5	14.6	15.7	17.3	16.8	15.9
	4AC	16.0	17.1	17.8	16.8	15.8	14.2	13.2	14.2	15.4	17.0	16.4	15.6
	4AD	16.3	17.3	18.0	17.0	16.0	14.4	13.4	14.5	15.6	17.2	16.7	15.8
	4BA	20.5	21.6	22.3	21.3	20.3	18.7	17.7	18.8	20.0	21.6	20.9	20.0
	4BB	17.7	18.7	19.4	18.5	17.5	15.8	14.8	16.0	17.1	18.8	18.1	17.1
	4BC	20.6	21.6	22.3	21.4	20.4	18.7	17.7	18.9	20.1	21.7	21.0	20.0
	4BD	18.4	19.4	20.1	19.2	18.1	16.5	15.6	16.6	17.7	19.4	18.8	17.9
	4BE	19.7	20.7	21.4	20.4	19.4	17.8	16.8	17.9	19.0	20.7	20.1	19.2
	4BF	21.5	22.5	23.2	22.3	21.2	19.6	18.7	19.7	20.9	22.5	21.9	21.0
	4BG	22.6	23.7	24.4	23.5	22.4	20.8	19.8	20.9	22.1	23.7	23.1	22.1
	4CA	16.0	17.0	17.8	16.8	15.7	14.2	13.2	14.2	15.3	16.9	16.4	15.7
	4CB	18.1	19.1	19.8	18.8	17.8	16.2	15.2	16.2	17.4	19.0	18.5	17.7
	4CC	21.7	22.7	23.5	22.5	21.4	19.9	18.9	19.9	21.1	22.7	22.2	21.3
	4DA	20.2	21.3	21.9	21.1	20.1	18.3	17.4	18.5	19.7	21.4	20.6	19.6
	4DB	18.4	19.5	20.1	19.3	18.3	16.5	15.6	16.7	18.0	19.6	18.8	17.7
	4DC	17.8	18.9	19.6	18.7	17.7	15.9	15.0	16.2	17.4	19.1	18.3	17.1
	4DD	22.9	23.9	24.6	23.7	22.7	21.0	20.1	21.2	22.4	24.1	23.3	22.3
	4DE	23.0	24.0	24.7	23.8	22.7	21.1	20.2	21.2	22.3	24.0	23.4	22.5
	4EA	21.0	22.1	22.8	21.8	20.8	19.2	18.2	19.3	20.4	22.1	21.4	20.5
	4EB	19.7	20.8	21.5	20.6	19.5	17.8	16.9	18.0	19.2	20.8	20.1	19.1
	4EC	22.7	23.7	24.4	23.5	22.5	20.8	19.9	21.0	22.2	23.9	23.1	22.0
	4ED	23.8	24.8	25.6	24.6	23.5	21.9	21.0	22.0	23.1	24.8	24.2	23.3
	4FA	22.0	23.0	23.8	22.8	21.7	20.1	19.2	20.2	21.3	22.9	22.4	21.5
	4FB	25.6	26.6	27.4	26.3	25.2	23.8	22.8	23.8	24.8	26.4	26.0	25.2
	4GA	26.8	27.9	28.7	27.5	26.4	25.0	24.0	25.0	26.0	27.5	27.2	26.5
	4GB	27.7	28.8	29.7	28.4	27.3	26.0	25.0	25.8	26.9	28.4	28.2	27.5
	4GC	28.6	29.7	30.6	29.3	28.2	27.0	25.9	26.7	27.7	29.2	29.1	28.6
	4GD	28.0	29.0	29.9	28.7	27.5	26.2	25.2	26.0	27.1	28.6	28.5	27.9
	4GE	27.4	28.4	29.3	28.1	26.9	25.6	24.7	25.5	26.5	28.1	27.9	27.3
	4GF	27.6	28.5	29.5	28.3	26.9	25.7	24.9	25.6	26.6	28.2	28.2	27.7
	4GG	28.9	29.8	30.8	29.5	27.9	26.9	26.2	26.8	27.7	29.4	29.6	29.4
	4HA	24.8	25.7	26.6	25.6	24.2	22.9	22.1	22.8	23.8	25.6	25.3	24.6
	4HB	27.8	28.7	29.7	28.5	27.0	25.9	25.1	25.7	26.7	28.4	28.4	27.8
	4HC	28.1	29.1	30.1	28.9	27.2	26.1	25.4	25.9	26.9	28.7	28.7	28.0
	4JA	29.0	30.0	30.9	29.6	28.3	27.2	26.2	26.9	27.9	29.4	29.4	29.1
	4JB	29.0	29.9	30.9	29.5	28.0	27.0	26.2	26.8	27.8	29.4	29.7	29.5
	4KA	28.9	29.8	30.8	29.4	28.0	27.0	26.1	26.8	27.8	29.3	29.5	29.3
	4KB	28.8	29.7	30.7	29.3	27.8	26.9	26.1	26.7	27.7	29.2	29.5	29.3
ENNCA	5AA	16.5	17.5	18.2	17.1	16.1	14.6	13.5	14.5	15.6	17.2	16.8	16.2
	5AB	16.7	17.7	18.5	17.4	16.4	14.9	13.8	14.8	15.9	17.5	17.1	16.4
	5AC	18.7	19.7	20.5	19.3	18.3	16.9	15.8	16.8	17.9	19.4	19.1	18.4
	5AD	18.8	19.8	20.6	19.4	18.4	17.0	15.9	16.9	18.0	19.6	19.2	18.5
	5BA	17.4	18.4	19.1	18.1	17.1	15.5	14.5	15.6	16.7	18.3	17.8	16.9
	5BB	15.5	16.5	17.2	16.2	15.2	13.7	12.6	13.7	14.8	16.4	15.9	15.1
	5BC-1	17.1	18.1	18.8	17.8	16.8	15.3	14.2	15.3	16.4	18.0	17.5	16.7
	5BC-2	19.5	20.5	21.3	20.1	19.1	17.6	16.6	17.6	18.7	20.3	19.8	19.1
	5BD	17.8	18.8	19.5	18.4	17.4	15.9	14.8	15.9	17.0	18.6	18.1	17.4
	5BE	16.1	17.1	17.8	16.8	15.8	14.2	13.2	14.3	15.4	17.0	16.5	15.6
	5CA	18.4	19.4	20.1	18.9	17.9	16.6	15.4	16.4	17.5	19.0	18.7	18.1
	5CB	21.5	22.5	23.3	22.0	21.0	19.7	18.5	19.6	20.6	22.0	21.8	21.2
	5CC	21.3	22.2	23.1	21.7	20.8	19.5	18.3	19.3	20.3	21.8	21.5	21.0
	5DA	21.0	22.0	22.8	21.7	20.7	19.2	18.1	19.2	20.2	21.8	21.4	20.6
	5DB	19.7	20.7	21.5	20.4	19.4	17.9	16.8	17.9	18.9	20.5	20.1	19.3
	5DC	19.6	20.6	21.4	20.2	19.2	17.8	16.7	17.7	18.7	20.3	19.9	19.2
	5DD	22.7	23.7	24.5	23.3	22.3	20.9	19.8	20.8	21.8	23.3	23.0	22.3
	5EA	28.6	29.8	30.5	29.0	28.3	27.1	25.7	26.4	27.3	28.6	28.6	28.3
	5EB	27.9	29.0	29.8	28.3	27.5	26.3	25.0	25.8	26.7	28.1	28.0	27.6
	5EC	26.8	27.9	28.7	27.3	26.4	25.1	24.0	24.9	25.8	27.2	27.1	26.5
	5ED	27.0	28.1	28.9	27.6	26.6	25.3	24.2	25.1	26.1	27.5	27.3	26.7
	5FA	28.7	29.9	30.7	29.4	28.3	27.1	26.0	26.8	27.7	29.2	29.1	28.6
	5FB	29.4	30.6	31.4	30.0	29.1	27.9	26.6	27.4	28.3	29.6	29.7	29.3
	5G	27.2	28.4	29.1	27.6	26.8	25.6	24.2	25.0	25.9	27.4	27.3	27.0
	5HA	28.1	29.2	29.9	28.5	27.6	26.3	25.0	25.8	26.7	28.3	28.3	27.9
	5HB	26.8	28.0	28.6	27.2	26.3	25.1	23.7	24.6	25.5	27.1	27.0	26.6
	5J	26.3	27.2	28.0	26.6	25.7	24.5	23.2	24.2	25.1	26.6	26.5	26.0

Monthly Temperature by Sub-basin

Year 2027 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.4	22.4	23.7	22.3	21.8	20.3	20.5	20.5	22.2	23.1	22.2	21.4
	1AB	18.4	19.4	20.8	19.3	18.9	17.4	17.6	17.6	19.2	20.2	19.3	18.5
	1AC	21.9	22.9	24.2	22.8	22.3	20.8	21.0	21.0	22.6	23.6	22.7	21.9
	1AD	23.3	24.3	25.7	24.2	23.7	22.3	22.4	22.4	24.1	25.1	24.2	23.5
	1AE	23.7	24.8	26.3	24.7	24.1	22.8	22.8	22.8	24.5	25.7	24.7	24.1
	1AF	23.2	24.2	25.7	24.1	23.5	22.2	22.3	22.3	24.0	25.1	24.1	23.5
	1AG	23.3	24.3	25.8	24.3	23.6	22.3	22.3	22.3	24.0	25.2	24.2	23.6
	1AH	23.5	24.6	26.1	24.5	23.9	22.5	22.6	22.6	24.3	25.5	24.5	23.9
	1BA	17.0	18.0	19.4	17.9	17.5	15.9	16.1	16.2	17.8	18.8	17.9	17.0
	1BB	17.8	18.8	20.2	18.7	18.3	16.8	17.0	17.0	18.6	19.6	18.7	17.8
	1BC	18.9	19.9	21.3	19.8	19.3	17.9	18.1	18.2	19.7	20.7	19.8	18.8
	1BD	19.3	20.4	21.7	20.3	19.8	18.3	18.5	18.5	20.1	21.1	20.2	19.4
	1BE	19.2	20.2	21.6	20.0	19.6	18.2	18.4	18.4	20.0	21.0	20.0	19.2
	1BG	19.2	20.2	21.5	20.0	19.6	18.1	18.4	18.3	20.0	21.0	20.0	19.2
	1BH	18.7	19.7	21.0	19.6	19.1	17.6	17.9	17.9	19.5	20.5	19.5	18.7
	1CA	18.1	19.2	20.5	19.1	18.6	17.1	17.2	17.3	18.9	19.9	19.0	18.2
	1CB	17.9	18.9	20.3	18.8	18.4	16.8	17.0	17.0	18.7	19.7	18.8	18.0
	1CC	16.9	18.0	19.4	18.1	17.5	16.1	16.1	16.1	17.8	18.8	18.0	17.2
	1CD	19.0	20.0	21.4	19.9	19.4	17.9	18.1	18.1	19.7	20.8	19.9	19.1
	1CE	20.3	21.4	22.7	21.3	20.8	19.3	19.5	19.5	21.1	22.1	21.2	20.4
	1DA	21.4	22.5	23.8	22.4	21.9	20.4	20.5	20.5	22.2	23.3	22.3	21.6
	1DB	18.8	19.9	21.2	19.7	19.3	17.8	18.0	18.0	19.6	20.6	19.7	18.9
	1DC	22.2	23.2	24.7	23.2	22.6	21.2	21.3	21.3	23.0	24.1	23.1	22.5
	1DD	22.6	23.7	25.1	23.6	23.0	21.6	21.7	21.7	23.4	24.5	23.6	22.9
	1EA	20.4	21.5	23.0	21.4	20.8	19.4	19.5	19.5	21.2	22.4	21.4	20.8
	1EB	22.1	23.2	24.7	23.1	22.5	21.1	21.1	21.2	22.9	24.1	23.1	22.5
	1EC	22.0	23.1	24.6	23.0	22.4	21.0	21.0	21.1	22.8	24.0	23.0	22.4
	1ED	22.8	23.9	25.4	23.9	23.2	21.8	21.9	21.9	23.6	24.8	23.8	23.2
	1EE	23.4	24.5	26.0	24.4	23.7	22.4	22.4	22.4	24.1	25.4	24.4	23.8
	1EF	23.5	24.6	26.1	24.6	23.9	22.5	22.5	22.5	24.3	25.5	24.5	24.0
	1EG	22.9	24.0	25.5	24.0	23.3	21.9	21.9	21.9	23.7	24.9	23.9	23.4
	1FA	16.5	17.5	19.0	17.7	17.1	15.7	15.6	15.7	17.3	18.5	17.6	16.9
	1FB	18.7	19.8	21.3	19.7	19.1	17.7	17.7	17.8	19.5	20.7	19.7	19.1
	1FC	19.0	20.1	21.6	20.1	19.4	18.0	18.0	18.0	19.8	21.0	20.0	19.4
	1FD	18.2	19.2	20.7	19.5	18.8	17.4	17.4	17.4	19.1	20.2	19.4	18.6
	1FE	21.0	22.1	23.6	22.0	21.4	20.0	20.0	20.0	21.7	23.0	22.0	21.4
	1FF	21.4	22.5	24.0	22.5	21.8	20.5	20.5	20.5	22.2	23.4	22.5	21.9
	1FG	23.1	24.2	25.7	24.2	23.5	22.1	22.2	22.1	23.9	25.1	24.1	23.6
LVSCA	1GA	16.9	17.8	19.3	18.3	17.7	16.3	16.1	16.1	17.8	18.8	18.1	17.2
	1GB	20.0	21.0	22.5	21.4	20.7	19.3	19.2	19.2	20.9	21.9	21.2	20.4
	1GC	17.0	18.0	19.5	18.5	17.8	16.4	16.2	16.2	17.9	18.9	18.3	17.4
	1GD	21.7	22.6	24.1	23.1	22.4	21.1	20.9	20.9	22.5	23.5	22.9	22.0
	1GE	21.4	22.4	23.8	22.8	22.2	20.8	20.6	20.6	22.3	23.3	22.7	21.8
	1GF	22.5	23.4	24.9	23.9	23.2	21.9	21.7	21.7	23.3	24.3	23.7	22.9
	1GG	17.3	18.3	19.8	18.7	18.1	16.7	16.5	16.5	18.2	19.2	18.6	17.7
	1HA1	21.2	22.3	23.8	22.3	21.6	20.2	20.2	20.2	21.9	23.2	22.2	21.7
	1HA2	23.5	24.5	26.0	24.9	24.2	22.8	22.7	22.7	24.4	25.4	24.7	23.9
	1HB1	23.1	24.2	25.7	24.2	23.5	22.2	22.1	22.1	23.9	25.1	24.2	23.6
	1HB2	22.5	23.6	25.1	23.6	22.9	21.5	21.5	21.5	23.3	24.5	23.5	23.0
	1HC	23.6	24.7	26.2	24.6	23.9	22.6	22.5	22.5	24.3	25.5	24.6	24.1
	1HD	22.0	23.0	24.4	23.4	22.8	21.4	21.2	21.2	22.8	23.8	23.3	22.4
	1HE	22.3	23.2	24.7	23.7	23.0	21.6	21.4	21.4	23.1	24.1	23.5	22.7
	1HF	23.0	24.0	25.4	24.4	23.7	22.4	22.2	22.2	23.8	24.8	24.3	23.4
	1HG	22.9	23.9	25.3	24.3	23.6	22.2	22.0	22.0	23.7	24.7	24.1	23.3
	1JA	16.6	17.6	19.1	18.1	17.4	16.0	15.8	15.7	17.4	18.5	17.9	17.0
	1JB	18.5	19.5	20.9	20.0	19.3	17.9	17.7	17.7	19.3	20.4	19.8	18.9
	1JC	17.5	18.5	19.9	18.9	18.3	16.9	16.6	16.6	18.3	19.4	18.7	17.9
	1JD	19.6	20.6	22.0	21.0	20.4	19.0	18.8	18.8	20.4	21.4	20.9	20.0
	1JE	18.8	19.8	21.3	20.3	19.6	18.2	18.0	18.0	19.7	20.7	20.1	19.3
	1JF	18.1	19.1	20.6	19.6	18.9	17.5	17.3	17.3	19.0	20.0	19.4	18.6
	1JG1	21.0	22.0	23.4	22.4	21.7	20.4	20.1	20.1	21.8	22.8	22.2	21.4
	1JG2	22.8	23.8	25.2	24.2	23.5	22.2	22.0	22.0	23.6	24.6	24.0	23.2
	1KA	21.5	22.4	23.9	22.9	22.2	20.8	20.6	20.6	22.3	23.3	22.7	21.9
	1KB	21.5	22.4	23.9	22.9	22.2	20.8	20.6	20.6	22.3	23.2	22.7	21.9
	1KC	20.6	21.6	23.1	22.1	21.4	20.0	19.7	19.7	21.4	22.2	21.9	21.0
	1LA1	17.0	18.0	19.4	18.5	17.8	16.4	16.1	16.1	17.8	18.8	18.3	17.5
	1LA2	20.2	21.2	22.6	21.7	20.9	19.6	19.3	19.3	21.0	21.7	21.5	20.6
	1LA3	18.7	19.7	21.2	20.3	19.2	18.0	17.7	17.6	19.3	20.5	19.9	19.6
	1LB1	17.2	18.2	19.7	18.7	18.0	16.6	16.3	16.3	18.1	18.9	18.5	17.7
	1LB2	19.0	20.0	21.5	20.5	19.7	18.3	18.0	18.0	19.7	20.7	20.2	19.6

Monthly Temperature by Sub-basin

Year 2027 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.9	28.8	30.5	28.4	28.0	26.7	27.1	27.3	28.7	29.6	28.6	27.5
	2AB	28.4	29.2	30.9	28.9	28.7	27.4	28.0	28.1	29.5	30.4	29.2	27.8
	2BA	19.5	20.5	21.9	20.3	19.9	18.5	18.8	18.8	20.4	21.4	20.4	19.4
	2BB	24.1	25.1	26.5	24.9	24.5	23.1	23.5	23.5	25.1	26.0	25.0	23.9
	2BC	22.5	23.4	24.8	23.2	22.9	21.5	21.8	21.9	23.4	24.4	23.3	22.2
	2BD	27.0	27.7	29.4	27.6	27.5	26.3	26.9	27.0	28.4	29.3	27.9	26.2
	2CA	28.6	29.3	31.0	29.2	29.1	28.0	28.6	28.8	30.1	31.0	29.6	27.7
	2CB	21.2	22.3	23.7	22.3	21.8	20.3	20.4	20.4	22.1	23.1	22.2	21.4
	2CC	26.3	27.2	28.8	27.0	26.7	25.3	25.7	25.8	27.3	28.3	27.2	26.0
	2D	24.7	25.7	27.2	25.5	25.1	23.6	23.8	24.0	25.5	26.5	25.6	24.7
	2EA	19.6	20.7	22.2	21.1	20.5	19.0	18.8	18.8	20.6	21.6	20.9	20.0
	2EB	19.3	20.4	21.8	20.7	20.1	18.6	18.5	18.5	20.2	21.3	20.5	19.7
	2EC	18.5	19.5	21.0	20.0	19.3	17.9	17.6	17.7	19.4	20.4	19.8	18.9
	2ED	16.4	17.4	18.8	17.8	17.2	15.8	15.6	15.6	17.3	18.3	17.7	16.7
	2EE	21.8	22.9	24.3	23.0	22.5	21.0	21.0	21.0	22.7	23.7	22.9	22.1
	2EF	18.9	20.0	21.4	20.4	19.8	18.4	18.2	18.2	19.9	20.9	20.2	19.3
	2EG1	15.3	16.3	17.8	16.8	16.1	14.7	14.5	14.5	16.2	17.2	16.6	15.7
	2EG2	21.5	22.5	24.0	22.8	22.2	20.8	20.6	20.7	22.4	23.4	22.7	21.8
	2EH	22.8	23.9	25.2	23.8	23.3	21.8	21.9	21.9	23.6	24.6	23.7	23.0
	2EJ	21.2	22.3	23.7	22.2	21.7	20.2	20.2	20.3	22.0	23.0	22.1	21.4
	2EK	19.3	20.4	21.8	20.4	19.9	18.3	18.3	18.4	20.1	21.2	20.3	19.5
	2FA	17.5	18.6	20.1	19.1	18.4	16.9	16.7	16.7	18.5	19.6	18.9	18.0
	2FB	18.0	19.1	20.6	19.6	18.9	17.4	17.2	17.2	19.0	20.1	19.3	18.5
	2FC	16.8	17.9	19.4	18.4	17.7	16.3	16.0	16.0	17.8	18.8	18.2	17.3
	2GA	16.9	18.0	19.5	18.5	17.9	16.4	16.1	16.1	17.9	18.9	18.3	17.4
	2GB	15.0	16.2	17.6	16.7	16.0	14.5	14.2	14.3	16.1	17.2	16.4	15.5
	2GC	14.1	15.2	16.7	15.7	15.1	13.5	13.2	13.3	15.1	16.0	15.5	14.6
	2GD	16.5	17.6	19.1	18.1	17.5	15.9	15.6	15.7	17.5	18.2	17.9	17.0
	2H-1	21.4	22.4	23.9	23.0	22.0	20.7	20.3	20.3	22.0	23.1	22.6	22.2
	2H-2	21.8	22.8	24.4	23.5	22.4	21.2	20.7	20.7	22.4	23.7	23.1	22.8
	2H-3	21.2	22.2	23.7	23.0	21.7	20.4	19.8	19.7	21.4	23.0	22.4	22.3
	2J	27.6	28.5	30.1	28.1	27.8	26.5	27.1	27.0	28.5	29.5	28.3	27.1
	2KA	17.5	18.6	20.0	19.1	18.3	16.9	16.6	16.6	18.3	19.2	18.8	18.0
	2KB	19.9	20.9	22.4	21.5	20.5	19.2	18.9	18.8	20.6	21.7	21.1	20.7
	2KC	22.9	23.9	25.4	24.6	23.4	22.2	21.8	21.8	23.5	24.7	24.1	23.9
ACA	3AA	19.1	20.1	21.7	20.9	19.8	18.4	17.9	17.8	19.6	21.1	20.3	20.1
	3AB	19.6	20.7	22.2	21.4	20.2	18.9	18.3	18.2	19.9	21.5	20.8	20.7
	3AC	20.2	21.3	22.8	22.0	20.9	19.5	19.0	18.9	20.7	22.2	21.4	21.1
	3BA	18.9	20.0	21.5	20.7	19.7	18.3	17.8	17.8	19.6	21.0	20.2	19.9
	3BB	19.0	20.1	21.6	20.8	19.8	18.4	17.9	17.9	19.7	21.1	20.3	19.9
	3BC	17.7	18.8	20.3	19.5	18.6	17.1	16.7	16.7	18.6	19.7	19.1	18.5
	3BD	18.6	19.7	21.2	20.4	19.5	18.0	17.6	17.5	19.4	20.6	19.9	19.3
	3CB	19.4	20.5	22.0	21.2	20.3	18.8	18.4	18.3	20.2	21.4	20.7	20.2
	3DA	21.4	22.6	24.1	23.3	22.3	20.8	20.3	20.2	22.1	23.5	22.7	22.4
	3DB	22.8	23.8	25.4	24.7	23.4	22.1	21.5	21.4	23.2	24.6	24.1	23.8
	3EA	20.0	21.1	22.6	21.9	20.7	19.3	18.8	18.7	20.5	21.9	21.3	21.0
	3EB	21.1	22.2	23.7	23.0	21.7	20.4	19.8	19.7	21.5	23.0	22.4	22.2
	3EC	21.0	22.0	23.6	22.8	21.5	20.3	19.7	19.5	21.3	22.8	22.2	22.1
	3ED	23.3	24.3	25.9	25.1	23.8	22.5	21.9	21.8	23.5	25.0	24.5	24.4
	3FA	22.2	23.2	24.7	24.0	22.6	21.4	20.7	20.6	22.3	23.8	23.4	23.4
	3FB	25.0	25.9	27.6	26.8	25.1	24.1	23.3	23.2	24.8	26.0	26.3	26.6
	3G	23.9	24.9	26.5	25.7	24.0	23.0	22.2	22.1	23.6	25.1	25.3	25.7
	3HA	26.6	27.6	29.4	28.4	26.5	25.7	24.7	24.7	26.1	27.6	28.1	28.8
	3HB	28.5	29.4	31.0	30.3	28.4	27.4	26.6	26.5	28.0	29.1	29.7	30.1
	3HC	29.2	30.0	31.5	31.0	29.0	28.0	27.3	27.1	28.5	29.4	30.1	30.3
	3HD1	29.3	30.1	31.5	31.0	29.0	28.0	27.3	27.1	28.6	29.4	30.1	30.4
	3HD2	29.7	30.4	31.8	31.4	29.3	28.3	27.7	27.4	28.9	29.6	30.3	30.6
	3J	24.6	25.5	27.2	26.3	24.5	23.7	22.8	22.7	24.2	25.8	25.9	26.4
	3K	29.1	29.9	31.6	30.8	28.9	27.9	27.1	27.0	28.5	29.6	30.2	30.6
	3LA	27.8	28.7	30.4	29.6	27.7	26.8	25.9	25.8	27.2	28.5	29.1	29.6
	3LB	29.5	30.2	31.7	31.1	29.2	28.2	27.5	27.3	28.7	29.6	30.3	30.6
	3MA-1	25.5	26.5	28.2	27.3	25.4	24.6	23.7	23.6	25.1	26.4	26.9	27.5
	3MA-2	27.6	28.5	30.2	29.3	27.5	26.5	25.7	25.6	27.0	28.3	28.8	29.4
	3MB	28.7	29.5	31.2	30.4	28.5	27.6	26.7	26.6	28.1	29.2	29.8	30.2
	3MC	28.6	29.4	31.1	30.3	28.4	27.4	26.7	26.5	28.0	29.1	29.7	30.1
	3MD1	29.3	30.1	31.7	31.0	29.0	28.1	27.3	27.1	28.6	29.6	30.2	30.6
	3MD2	29.7	30.5	32.1	31.4	29.4	28.4	27.7	27.5	29.0	30.0	30.6	31.0
	3N	21.5	22.5	24.1	23.3	21.8	20.7	20.0	19.9	21.5	23.1	22.8	22.9

Monthly Temperature by Sub-basin

Year 2027 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.7	17.0	18.5	17.6	16.9	15.3	15.0	15.0	17.0	18.1	17.2	16.3
	4AB	16.4	17.6	19.1	18.2	17.5	15.9	15.7	15.7	17.6	18.8	17.9	17.0
	4AC	16.1	17.3	18.8	17.9	17.2	15.6	15.3	15.3	17.2	18.2	17.5	16.6
	4AD	16.3	17.5	19.0	18.1	17.4	15.8	15.5	15.6	17.5	18.4	17.8	16.8
	4BA	20.4	21.7	23.1	22.3	21.6	19.9	19.6	19.7	21.7	22.6	21.9	21.0
	4BB	17.5	18.8	20.3	19.4	18.7	17.0	16.8	16.8	18.8	19.8	19.0	18.1
	4BC	20.2	21.6	23.0	22.2	21.5	19.8	19.5	19.5	21.6	22.7	21.7	20.9
	4BD	18.3	19.6	21.0	20.2	19.5	17.8	17.5	17.6	19.5	20.4	19.8	18.9
	4BE	19.5	20.7	22.2	21.4	20.6	19.0	18.7	18.7	20.6	21.7	21.0	20.2
	4BF	21.2	22.4	23.9	23.1	22.2	20.6	20.2	20.1	22.1	23.5	22.5	22.0
	4BG	22.3	23.5	25.0	24.2	23.3	21.7	21.3	21.3	23.3	24.6	23.7	23.1
	4CA	16.1	17.3	18.8	17.9	17.1	15.6	15.2	15.3	17.1	18.0	17.5	16.7
	4CB	18.0	19.2	20.7	19.8	19.1	17.5	17.2	17.2	19.0	20.0	19.4	18.7
	4CC	21.4	22.6	24.1	23.3	22.4	20.8	20.4	20.3	22.2	23.6	22.8	22.3
	4DA	19.8	21.1	22.6	21.8	21.1	19.4	19.1	19.1	21.2	22.3	21.3	20.5
	4DB	18.0	19.3	20.8	20.0	19.3	17.6	17.3	17.3	19.4	20.5	19.5	18.7
	4DC	17.4	18.8	20.3	19.5	18.8	17.0	16.7	16.8	18.9	20.0	19.0	18.1
	4DD	22.4	23.7	25.3	24.5	23.6	22.0	21.6	21.6	23.7	24.9	23.9	23.2
	4DE	22.6	23.8	25.3	24.6	23.6	22.1	21.6	21.6	23.5	24.8	24.0	23.5
	4EA	20.8	22.1	23.6	22.7	21.9	20.3	19.9	20.0	21.9	22.6	22.2	21.5
	4EB	19.4	20.7	22.2	21.4	20.6	18.9	18.6	18.6	20.6	21.7	20.9	20.1
	4EC	22.2	23.6	25.1	24.3	23.4	21.8	21.4	21.4	23.5	24.5	23.7	23.0
	4ED	23.5	24.7	26.2	25.4	24.4	22.9	22.4	22.4	24.3	24.9	24.8	24.4
	4FA	21.8	23.1	24.6	23.7	22.8	21.2	20.8	20.8	22.7	23.5	23.2	22.6
	4FB	25.5	26.7	28.1	27.2	26.2	24.7	24.3	24.2	26.0	26.5	26.7	26.3
	4GA	26.8	28.0	29.4	28.4	27.4	25.8	25.5	25.4	27.1	27.6	27.9	27.5
	4GB	27.8	28.8	30.3	29.5	28.2	26.8	26.3	26.2	27.9	28.3	28.8	28.6
	4GC	28.8	29.8	31.2	30.5	29.2	27.9	27.3	27.1	28.7	29.2	29.8	29.6
	4GD	28.1	29.1	30.5	29.9	28.4	27.2	26.6	26.4	28.0	28.5	29.1	29.0
	4GE	27.4	28.4	29.9	29.3	27.8	26.6	26.0	25.8	27.4	28.0	28.5	28.4
	4GF	27.7	28.6	30.1	29.5	27.9	26.7	26.1	25.9	27.5	28.1	28.7	28.7
	4GG	29.4	30.0	31.4	31.0	29.0	28.0	27.3	27.1	28.5	29.2	29.9	30.1
	4HA	24.6	25.6	27.2	26.4	25.0	23.8	23.2	23.1	24.7	25.6	25.9	25.8
	4HB	27.8	28.7	30.2	29.6	27.9	26.8	26.1	26.0	27.5	28.3	28.8	29.0
	4HC	28.0	28.9	30.5	29.8	28.0	27.0	26.2	26.1	27.6	28.6	29.1	29.5
	4JA	29.3	30.2	31.5	30.9	29.3	28.1	27.5	27.3	28.8	29.4	30.0	30.0
	4JB	29.6	30.3	31.5	31.1	29.2	28.2	27.5	27.2	28.6	29.4	30.0	30.2
	4KA	29.4	30.1	31.4	31.0	29.1	28.1	27.4	27.2	28.6	29.2	30.0	30.0
	4KB	29.4	30.0	31.3	31.0	29.0	28.0	27.4	27.1	28.5	29.1	29.8	29.9
ENNCA	5AA	16.9	18.0	19.5	18.4	17.8	16.3	16.1	16.1	17.9	19.0	18.2	17.3
	5AB	17.1	18.2	19.7	18.6	18.0	16.5	16.3	16.3	18.1	19.2	18.4	17.5
	5AC	19.3	20.4	21.8	20.5	19.9	18.3	18.3	18.4	20.1	21.2	20.3	19.6
	5AD	19.2	20.4	21.8	20.6	20.0	18.4	18.3	18.4	20.2	21.3	20.4	19.6
	5BA	17.5	18.7	20.2	19.2	18.5	17.0	16.7	16.7	18.6	19.9	18.9	18.0
	5BB	15.7	16.8	18.3	17.4	16.7	15.2	14.9	14.9	16.8	18.0	17.1	16.2
	5BC-1	17.3	18.4	19.9	19.0	18.3	16.7	16.5	16.5	18.4	19.6	18.7	17.8
	5BC-2	19.8	21.0	22.4	21.3	20.7	19.0	18.9	19.0	20.8	22.0	21.0	20.2
	5BD	18.1	19.2	20.7	19.6	19.0	17.5	17.2	17.3	19.1	20.2	19.4	18.5
	5BE	16.2	17.4	18.9	17.9	17.2	15.6	15.4	15.5	17.3	18.5	17.6	16.7
	5CA	19.1	20.2	21.6	20.2	19.7	18.1	18.1	18.3	19.9	20.9	20.1	19.3
	5CB	22.2	23.4	24.7	23.2	22.7	21.1	21.2	21.4	22.9	23.9	23.2	22.4
	5CC	22.2	23.3	24.7	23.0	22.5	21.0	21.2	21.4	22.8	23.8	23.0	22.3
	5DA	21.3	22.5	23.9	22.7	22.1	20.5	20.4	20.5	22.2	23.4	22.5	21.7
	5DB	20.1	21.3	22.7	21.4	20.9	19.2	19.1	19.2	21.0	22.1	21.2	20.5
	5DC	20.1	21.3	22.7	21.3	20.8	19.2	19.2	19.3	21.0	22.1	21.2	20.4
	5DD	23.3	24.5	25.8	24.4	23.9	22.2	22.3	22.4	24.0	25.1	24.3	23.5
	5EA	29.1	30.3	31.3	30.1	29.0	27.4	27.2	27.1	28.5	29.3	29.5	29.5
	5EB	28.5	29.9	31.0	29.2	28.2	26.5	26.5	26.5	28.0	28.8	28.8	28.7
	5EC	27.6	28.8	30.1	28.3	27.7	26.0	26.1	26.2	27.7	28.7	28.3	27.7
	5ED	27.5	28.7	29.9	28.6	27.9	26.2	26.2	26.2	27.7	28.6	28.4	27.7
	5FA	29.0	30.2	31.3	30.3	29.1	27.6	27.3	27.1	28.6	29.4	29.7	29.5
	5FB	29.8	30.9	32.1	31.0	29.8	28.3	28.0	27.7	29.2	30.1	30.4	30.3
	5G	27.9	29.2	30.4	29.0	27.8	26.2	26.1	26.1	27.6	28.3	28.2	28.2
	5HA	28.8	30.3	31.7	31.0	29.2	27.9	27.8	27.9	29.3	29.8	29.3	29.2
	5HB	27.7	29.1	30.4	29.2	27.8	26.3	26.4	26.5	27.8	28.5	28.0	27.8
	5J	27.3	28.4	29.9	27.8	27.3	25.7	26.1	26.2	27.6	28.5	27.9	27.2

Monthly Temperature by Sub-basin

Year 2028 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	23.0	23.4	24.1	21.8	21.5	20.9	19.8	20.5	20.8	21.9	20.9	20.7
	1AB	20.0	20.5	21.1	18.8	18.6	18.0	16.9	17.5	17.9	19.0	17.9	17.8
	1AC	23.5	23.9	24.5	22.3	22.0	21.4	20.3	21.0	21.3	22.4	21.4	21.2
	1AD	25.0	25.4	26.0	23.8	23.5	22.8	21.7	22.4	22.7	23.9	22.9	22.7
	1AE	25.5	26.0	26.6	24.4	24.0	23.3	22.2	22.8	23.1	24.4	23.5	23.3
	1AF	24.9	25.4	26.0	23.7	23.4	22.7	21.6	22.2	22.5	23.8	22.9	22.6
	1AG	25.0	25.5	26.1	23.9	23.5	22.8	21.7	22.3	22.6	23.9	23.0	22.8
	1AH	25.3	25.8	26.3	24.2	23.7	23.1	22.0	22.5	22.8	24.2	23.3	23.0
	1BA	18.6	19.1	19.7	17.4	17.1	16.5	15.4	16.1	16.4	17.6	16.5	16.4
	1BB	19.4	19.9	20.5	18.2	17.9	17.3	16.2	17.0	17.3	18.4	17.3	17.2
	1BC	20.5	20.9	21.6	19.3	19.0	18.5	17.4	18.1	18.4	19.5	18.4	18.3
	1BD	21.0	21.4	22.0	19.8	19.5	18.9	17.8	18.5	18.8	19.9	18.9	18.7
	1BE	20.8	21.2	21.9	19.6	19.3	18.7	17.6	18.4	18.7	19.8	18.7	18.6
	1BG	20.8	21.2	21.9	19.5	19.3	18.7	17.6	18.3	18.6	19.7	18.7	18.5
	1BH	20.3	20.8	21.4	19.1	18.8	18.2	17.1	17.8	18.2	19.3	18.2	18.1
	1CA	19.8	20.2	20.8	18.6	18.3	17.6	16.6	17.3	17.6	18.7	17.6	17.5
	1CB	19.5	20.0	20.5	18.3	18.0	17.4	16.3	17.0	17.3	18.5	17.4	17.3
	1CC	18.6	19.1	19.7	17.6	17.2	16.6	15.5	16.1	16.4	17.6	16.6	16.4
	1CD	20.6	21.1	21.7	19.5	19.1	18.5	17.4	18.1	18.4	19.6	18.5	18.4
	1CE	22.0	22.4	23.0	20.8	20.5	19.8	18.8	19.5	19.8	20.9	19.8	19.7
	1DA	23.1	23.5	24.1	21.9	21.6	20.9	19.9	20.5	20.8	22.0	21.0	20.8
	1DB	20.5	20.9	21.6	19.3	19.0	18.4	17.3	18.0	18.3	19.4	18.4	18.2
	1DC	23.9	24.4	25.0	22.7	22.4	21.7	20.7	21.3	21.6	22.8	21.9	21.7
	1DD	24.3	24.8	25.4	23.2	22.8	22.2	21.1	21.6	22.0	23.3	22.3	22.1
	1EA	22.1	22.7	23.2	21.0	20.6	20.0	18.9	19.4	19.7	21.1	20.1	19.9
	1EB	23.8	24.3	24.9	22.7	22.3	21.6	20.6	21.1	21.4	22.8	21.8	21.6
	1EC	23.7	24.2	24.8	22.6	22.2	21.5	20.5	21.0	21.3	22.6	21.7	21.5
	1ED	24.5	25.1	25.6	23.5	23.0	22.4	21.3	21.8	22.1	23.5	22.6	22.3
	1EE	25.1	25.6	26.2	24.0	23.6	22.9	21.9	22.4	22.7	24.0	23.1	22.9
	1EF	25.2	25.8	26.3	24.2	23.7	23.1	22.0	22.5	22.8	24.2	23.3	23.0
	1EG	24.6	25.2	25.7	23.6	23.1	22.5	21.4	21.9	22.2	23.6	22.7	22.4
	1FA	18.2	18.8	19.3	17.2	16.9	16.2	15.1	15.6	15.9	17.2	16.3	16.0
	1FB	20.4	20.9	21.5	19.3	18.9	18.2	17.2	17.7	18.0	19.4	18.4	18.2
	1FC	20.7	21.3	21.8	19.7	19.2	18.5	17.5	18.0	18.3	19.7	18.7	18.5
	1FD	19.9	20.5	21.0	19.0	18.6	17.9	16.8	17.3	17.6	19.0	18.0	17.7
	1FE	22.7	23.2	23.8	21.6	21.2	20.5	19.5	20.0	20.3	21.6	20.7	20.5
	1FF	23.2	23.7	24.2	22.1	21.7	21.0	19.9	20.4	20.7	22.1	21.2	21.0
	1FG	24.9	25.4	25.9	23.8	23.4	22.7	21.6	22.1	22.4	23.8	22.9	22.7
LVSCA	1GA	18.5	19.1	19.6	17.7	17.4	16.6	15.5	16.0	16.3	17.7	16.7	16.4
	1GB	21.7	22.3	22.8	20.8	20.5	19.8	18.7	19.2	19.4	20.8	19.8	19.6
	1GC	18.7	19.3	19.8	17.9	17.6	16.8	15.7	16.2	16.4	17.9	16.9	16.6
	1GD	23.3	23.9	24.4	22.5	22.2	21.4	20.3	20.8	21.1	22.5	21.5	21.2
	1GE	23.1	23.7	24.1	22.3	22.0	21.2	20.1	20.6	20.8	22.2	21.3	21.0
	1GF	24.2	24.7	25.2	23.3	23.0	22.2	21.1	21.6	21.8	23.3	22.3	22.0
	1GG	19.0	19.6	20.0	18.2	17.9	17.1	16.0	16.5	16.7	18.2	17.1	16.9
	1HA1	22.9	23.5	23.9	21.9	21.4	20.7	19.7	20.2	20.5	21.9	20.9	20.7
	1HA2	25.2	25.8	26.3	24.3	24.0	23.2	22.2	22.6	22.9	24.3	23.3	23.1
	1HB1	24.9	25.4	25.9	23.8	23.4	22.7	21.6	22.1	22.4	23.8	22.9	22.7
	1HB2	24.3	24.8	25.3	23.2	22.8	22.1	21.0	21.5	21.8	23.2	22.3	22.1
	1HC	25.3	25.9	26.3	24.2	23.8	23.1	22.0	22.5	22.8	24.2	23.3	23.1
	1HD	23.7	24.3	24.7	22.8	22.5	21.7	20.7	21.1	21.4	22.8	21.9	21.6
	1HE	24.0	24.5	25.0	23.1	22.8	22.0	20.9	21.4	21.6	23.1	22.1	21.8
	1HF	24.7	25.3	25.7	23.8	23.6	22.7	21.7	22.1	22.4	23.8	22.9	22.6
	1HG	24.6	25.2	25.6	23.7	23.4	22.6	21.5	22.0	22.2	23.7	22.8	22.5
	1JA	18.3	18.9	19.3	17.5	17.1	16.3	15.3	15.7	16.0	17.4	16.4	16.2
	1JB	20.2	20.8	21.2	19.4	19.1	18.2	17.2	17.6	17.9	19.3	18.3	18.1
	1JC	19.2	19.8	20.2	18.3	18.0	17.2	16.1	16.6	16.8	18.3	17.3	17.0
	1JD	21.3	21.9	22.3	20.5	20.1	19.3	18.3	18.7	18.9	20.4	19.4	19.2
	1JE	20.6	21.1	21.5	19.7	19.4	18.6	17.5	17.9	18.2	19.7	18.7	18.4
	1JF	19.8	20.4	20.8	19.0	18.7	17.9	16.8	17.3	17.5	19.0	18.0	17.7
	1JG1	22.7	23.3	23.7	21.8	21.5	20.7	19.6	20.1	20.3	21.8	20.8	20.6
	1JG2	24.5	25.1	25.5	23.6	23.3	22.5	21.5	21.9	22.2	23.6	22.6	22.4
	1KA	23.2	23.7	24.2	22.3	22.0	21.2	20.1	20.6	20.8	22.3	21.3	21.0
	1KB	23.2	23.8	24.2	22.3	22.0	21.2	20.1	20.6	20.8	22.3	21.3	21.1
	1KC	22.3	22.9	23.3	21.5	21.2	20.3	19.3	19.7	19.9	21.5	20.5	20.2
	1LA1	18.7	19.3	19.7	17.9	17.5	16.7	15.7	16.1	16.3	17.8	16.8	16.6
	1LA2	21.9	22.5	22.9	21.1	20.7	19.9	18.8	19.3	19.5	21.0	20.1	19.8
	1LA3	20.3	20.9	21.8	19.7	19.2	18.3	17.3	17.7	18.4	19.9	19.0	18.7
	1LB1	18.9	19.5	19.9	18.2	17.8	16.9	15.9	16.3	16.6	18.1	17.1	16.8
	1LB2	20.6	21.2	21.9	20.0	19.5	18.6	17.6	18.0	18.5	20.1	19.1	18.8

Monthly Temperature by Sub-basin

Year 2028 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	29.4	29.8	30.7	27.9	27.9	27.4	26.2	27.1	27.4	28.4	27.4	27.2
	2AB	29.9	30.3	31.3	28.5	28.6	28.2	26.9	27.8	28.1	29.1	28.1	27.7
	2BA	21.1	21.5	22.3	19.8	19.7	19.1	18.0	18.7	19.1	20.1	19.1	18.9
	2BB	25.7	26.1	26.9	24.4	24.3	23.8	22.6	23.4	23.7	24.7	23.7	23.5
	2BC	24.0	24.5	25.3	22.8	22.7	22.2	20.9	21.7	22.1	23.1	22.1	21.8
	2BD	28.5	28.9	30.0	27.2	27.5	27.2	25.6	26.6	26.9	27.8	26.9	26.3
	2CA	30.1	30.5	31.7	28.8	29.2	28.9	27.2	28.3	28.7	29.5	28.6	27.9
	2CB	22.9	23.4	24.0	21.8	21.5	20.8	19.8	20.4	20.7	21.9	20.8	20.7
	2CC	27.8	28.3	29.1	26.5	26.5	26.0	24.8	25.7	25.9	26.9	26.0	25.6
	2D	26.3	26.7	27.4	25.0	24.8	24.2	23.1	23.9	24.2	25.2	24.2	24.0
	2EA	21.3	21.9	22.4	20.5	20.2	19.4	18.3	18.8	19.1	20.5	19.4	19.1
	2EB	21.0	21.6	22.1	20.2	19.8	19.0	18.0	18.5	18.8	20.1	19.0	18.8
	2EC	20.2	20.8	21.2	19.4	19.0	18.2	17.2	17.6	17.9	19.3	18.3	18.0
	2ED	18.1	18.6	19.1	17.2	16.9	16.1	15.1	15.6	15.8	17.2	16.2	15.9
	2EE	23.5	24.0	24.5	22.5	22.1	21.4	20.4	21.0	21.2	22.5	21.4	21.3
	2EF	20.6	21.2	21.7	19.8	19.5	18.7	17.6	18.1	18.4	19.8	18.8	18.5
	2EG1	17.0	17.6	18.0	16.2	15.8	15.0	14.0	14.4	14.7	16.1	15.1	14.9
	2EG2	23.1	23.7	24.2	22.3	21.9	21.2	20.1	20.7	20.9	22.3	21.2	21.0
	2EH	24.4	24.9	25.5	23.3	22.9	22.3	21.3	21.9	22.2	23.4	22.3	22.2
	2EJ	22.8	23.3	23.9	21.7	21.3	20.6	19.7	20.4	20.6	21.8	20.7	20.6
	2EK	21.0	21.5	22.0	19.9	19.5	18.8	17.8	18.5	18.7	19.9	18.8	18.7
	2FA	19.3	19.9	20.2	18.6	18.1	17.3	16.3	16.7	17.0	18.4	17.3	17.1
	2FB	19.7	20.4	20.8	19.0	18.6	17.8	16.8	17.2	17.5	18.9	17.8	17.6
	2FC	18.6	19.2	19.6	17.8	17.4	16.6	15.6	16.0	16.3	17.7	16.6	16.4
	2GA	18.7	19.3	19.7	18.0	17.5	16.7	15.7	16.1	16.4	17.8	16.7	16.5
	2GB	16.8	17.4	17.8	16.1	15.6	14.8	13.8	14.3	14.5	16.0	14.8	14.6
	2GC	15.8	16.5	16.8	15.2	14.6	13.9	12.9	13.3	13.6	15.0	13.9	13.6
	2GD	18.2	18.9	19.2	17.6	17.1	16.3	15.3	15.7	16.0	17.4	16.3	16.1
	2H-1	23.0	23.6	24.3	22.5	21.8	20.9	20.0	20.4	21.0	22.5	21.5	21.2
	2H-2	23.4	24.0	24.9	22.9	22.3	21.4	20.5	20.8	21.5	23.1	22.1	21.8
	2H-3	22.8	23.4	24.4	22.2	21.5	20.5	19.8	20.0	20.9	22.6	21.6	21.3
	2J	29.1	29.5	30.4	27.7	27.7	27.3	26.0	26.8	27.2	28.2	27.2	26.9
	2KA	19.2	19.8	20.3	18.5	18.1	17.2	16.2	16.6	17.0	18.5	17.4	17.2
	2KB	21.4	22.1	22.9	20.9	20.4	19.5	18.5	18.9	19.5	21.1	20.1	19.8
	2KC	24.5	25.1	26.0	24.0	23.4	22.5	21.5	21.9	22.5	24.2	23.2	22.9
ACA	3AA	20.7	21.3	22.2	20.2	19.5	18.5	17.7	18.0	18.9	20.5	19.4	19.1
	3AB	21.2	21.8	22.7	20.7	19.9	18.9	18.2	18.4	19.4	21.0	19.9	19.6
	3AC	21.8	22.4	23.2	21.4	20.6	19.6	18.9	19.1	20.0	21.5	20.4	20.1
	3BA	20.6	21.2	22.0	20.1	19.4	18.4	17.7	17.9	18.8	20.3	19.2	18.9
	3BB	20.7	21.3	22.0	20.2	19.5	18.5	17.7	18.0	18.8	20.3	19.2	18.9
	3BC	19.4	20.1	20.6	18.9	18.2	17.4	16.5	16.8	17.4	18.9	17.7	17.5
	3BD	20.3	20.9	21.5	19.8	19.1	18.2	17.4	17.7	18.3	19.8	18.6	18.3
	3CB	21.1	21.7	22.3	20.6	19.9	19.0	18.2	18.5	19.1	20.6	19.4	19.1
	3DA	23.1	23.7	24.5	22.7	21.9	20.9	20.2	20.4	21.3	22.8	21.6	21.3
	3DB	24.4	25.0	25.9	24.0	23.1	22.1	21.5	21.7	22.5	24.2	23.1	22.7
	3EA	21.6	22.2	23.1	21.2	20.4	19.4	18.7	18.9	19.8	21.4	20.3	20.0
	3EB	22.7	23.3	24.2	22.3	21.5	20.4	19.8	20.0	20.9	22.5	21.4	21.1
	3EC	22.6	23.2	24.1	22.1	21.3	20.3	19.6	19.8	20.7	22.4	21.4	21.0
	3ED	24.9	25.5	26.4	24.4	23.6	22.5	21.9	22.1	22.9	24.6	23.6	23.3
	3FA	23.8	24.4	25.3	23.2	22.4	21.4	20.7	20.9	21.7	23.5	22.6	22.3
	3FB	26.5	27.2	27.9	26.0	25.2	24.0	23.4	23.5	23.8	25.9	25.3	25.0
	3G	25.5	26.2	26.9	24.9	24.1	22.9	22.4	22.4	22.7	24.9	24.4	24.0
	3HA	28.3	29.0	29.5	27.6	26.9	25.6	25.0	24.9	24.9	27.2	27.0	26.6
	3HB	30.0	30.6	31.4	29.4	28.6	27.3	26.8	26.8	26.9	29.1	28.8	28.4
	3HC	30.5	31.0	32.2	30.0	29.1	27.9	27.4	27.5	27.9	30.0	29.5	29.2
	3HD1	30.6	31.1	32.3	30.1	29.2	27.9	27.4	27.5	28.0	30.0	29.5	29.3
	3HD2	30.8	31.3	32.7	30.4	29.5	28.2	27.7	27.9	28.5	30.4	29.9	29.7
	3J	26.2	26.8	27.6	25.5	24.8	23.5	23.0	22.9	23.3	25.5	25.1	24.7
	3K	30.6	31.1	31.9	29.9	29.1	27.8	27.3	27.3	27.6	29.7	29.3	29.0
	3LA	29.4	30.0	30.7	28.8	27.9	26.6	26.1	26.1	26.2	28.4	28.1	27.8
	3LB	30.7	31.3	32.4	30.2	29.3	28.0	27.5	27.7	28.1	30.1	29.7	29.4
	3MA-1	27.2	27.9	28.4	26.5	25.7	24.4	23.9	23.8	23.9	26.2	25.9	25.5
	3MA-2	29.2	29.8	30.5	28.5	27.7	26.4	25.9	25.9	26.0	28.2	27.9	27.6
	3MB	30.2	30.8	31.6	29.6	28.7	27.4	26.9	26.9	27.1	29.3	28.9	28.6
	3MC	30.1	30.7	31.5	29.5	28.6	27.3	26.8	26.9	27.1	29.2	28.8	28.6
	3MD1	30.7	31.2	32.2	30.1	29.2	27.9	27.4	27.5	27.8	29.9	29.5	29.2
	3MD2	31.1	31.6	32.5	30.5	29.6	28.3	27.8	27.9	28.2	30.2	29.8	29.6
	3N	23.1	23.7	24.7	22.5	21.8	20.6	20.0	20.2	21.0	22.8	22.0	21.7

Monthly Temperature by Sub-basin

Year 2028 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	17.5	18.2	18.5	17.1	16.3	15.6	14.7	15.1	15.4	16.8	15.5	15.2
	4AB	18.2	18.9	19.2	17.7	17.0	16.3	15.3	15.8	16.0	17.5	16.2	15.9
	4AC	17.8	18.5	18.8	17.4	16.7	15.9	15.0	15.4	15.7	17.1	15.8	15.6
	4AD	18.1	18.8	19.1	17.6	16.9	16.1	15.2	15.6	15.9	17.3	16.1	15.8
	4BA	22.2	22.9	23.1	21.8	21.0	20.3	19.3	19.7	20.1	21.5	20.1	19.9
	4BB	19.3	20.0	20.2	19.0	18.1	17.4	16.4	16.9	17.2	18.6	17.2	17.0
	4BC	22.1	22.8	23.1	21.8	20.9	20.1	19.2	19.6	20.1	21.5	20.1	19.8
	4BD	20.1	20.8	21.1	19.7	18.9	18.2	17.2	17.6	18.0	19.4	18.1	17.9
	4BE	21.3	22.0	22.3	20.9	20.1	19.3	18.4	18.8	19.2	20.7	19.4	19.1
	4BF	22.9	23.6	24.1	22.5	21.7	20.8	20.0	20.3	21.1	22.5	21.2	20.9
	4BG	24.0	24.7	25.2	23.7	22.8	21.9	21.2	21.5	22.2	23.6	22.3	22.0
	4CA	17.9	18.5	18.9	17.3	16.7	15.9	14.9	15.3	15.7	17.2	16.0	15.7
	4CB	19.8	20.4	20.8	19.3	18.6	17.8	16.9	17.2	17.7	19.1	17.9	17.7
	4CC	23.1	23.8	24.4	22.8	21.9	21.0	20.2	20.5	21.3	22.8	21.5	21.2
	4DA	21.7	22.3	22.7	21.4	20.4	19.7	18.8	19.2	19.7	21.1	19.6	19.4
	4DB	19.8	20.5	20.8	19.6	18.6	17.9	17.0	17.4	17.9	19.2	17.8	17.5
	4DC	19.3	20.0	20.2	19.1	18.1	17.4	16.5	16.9	17.3	18.7	17.2	16.9
	4DD	24.2	24.9	25.4	24.0	23.0	22.2	21.4	21.7	22.4	23.8	22.4	22.1
	4DE	24.4	25.0	25.6	24.0	23.1	22.2	21.5	21.8	22.5	24.0	22.7	22.4
	4EA	22.6	23.2	23.6	22.2	21.3	20.5	19.7	20.1	20.4	21.9	20.6	20.3
	4EB	21.2	21.9	22.3	20.9	20.0	19.2	18.3	18.7	19.2	20.6	19.3	19.0
	4EC	24.0	24.7	25.1	23.8	22.8	22.0	21.2	21.6	22.1	23.5	22.1	21.8
	4ED	25.2	25.8	26.4	24.8	23.9	23.0	22.3	22.6	23.1	24.6	23.4	23.2
	4FA	23.6	24.2	24.6	23.1	22.2	21.4	20.7	21.0	21.3	22.8	21.5	21.4
	4FB	27.2	27.8	28.2	26.6	25.7	24.8	24.2	24.5	24.8	26.3	25.1	25.0
	4GA	28.4	29.0	29.6	27.7	26.9	25.9	25.4	25.7	26.0	27.5	26.5	26.4
	4GB	29.3	29.9	30.6	28.6	27.9	26.8	26.3	26.6	26.9	28.5	27.5	27.4
	4GC	30.3	30.8	31.6	29.6	28.9	27.8	27.2	27.5	27.9	29.5	28.5	28.6
	4GD	29.6	30.1	31.0	29.0	28.2	27.1	26.5	26.8	27.2	28.9	27.9	27.9
	4GE	28.9	29.5	30.3	28.4	27.6	26.5	25.9	26.2	26.6	28.3	27.3	27.2
	4GF	29.1	29.6	30.7	28.6	27.8	26.6	26.1	26.3	26.8	28.6	27.8	27.6
	4GG	30.4	30.9	32.4	30.0	29.1	27.8	27.3	27.6	28.3	30.2	29.6	29.4
	4HA	26.2	26.8	27.5	25.7	24.9	23.8	23.2	23.3	23.8	25.6	24.7	24.5
	4HB	29.2	29.8	30.7	28.7	27.9	26.7	26.2	26.3	26.7	28.6	27.9	27.7
	4HC	29.5	30.1	30.9	28.9	28.1	26.8	26.3	26.4	26.6	28.7	28.2	27.9
	4JA	30.6	31.1	32.1	29.9	29.2	28.0	27.5	27.7	28.2	29.8	29.0	29.1
	4JB	30.6	31.1	32.7	30.1	29.2	28.0	27.5	27.8	28.8	30.5	29.8	29.8
	4KA	30.5	31.0	32.4	30.0	29.2	27.9	27.4	27.7	28.5	30.1	29.4	29.4
	4KB	30.4	30.8	32.4	29.9	29.1	27.8	27.3	27.6	28.5	30.2	29.5	29.4
ENNCA	5AA	18.6	19.2	19.7	17.9	17.4	16.6	15.6	16.2	16.4	17.8	16.6	16.4
	5AB	18.8	19.4	19.9	18.1	17.6	16.8	15.9	16.4	16.6	18.0	16.8	16.6
	5AC	20.9	21.5	22.0	20.0	19.5	18.8	17.9	18.5	18.8	20.0	18.8	18.7
	5AD	20.9	21.5	22.0	20.1	19.5	18.8	17.9	18.5	18.7	20.0	18.8	18.6
	5BA	19.2	19.9	20.2	18.7	18.1	17.3	16.3	16.8	17.1	18.5	17.2	17.0
	5BB	17.4	18.1	18.4	16.9	16.3	15.5	14.5	15.0	15.2	16.7	15.4	15.2
	5BC-1	19.0	19.7	20.0	18.5	17.8	17.1	16.1	16.6	16.9	18.2	17.0	16.7
	5BC-2	21.6	22.1	22.6	20.8	20.1	19.4	18.5	19.1	19.4	20.6	19.4	19.2
	5BD	19.8	20.4	20.8	19.1	18.6	17.8	16.8	17.4	17.6	19.0	17.8	17.5
	5BE	18.0	18.6	19.0	17.4	16.7	16.0	15.0	15.5	15.8	17.2	15.9	15.7
	5CA	20.7	21.3	21.8	19.6	19.2	18.5	17.6	18.3	18.6	19.7	18.6	18.5
	5CB	23.8	24.4	24.9	22.7	22.2	21.5	20.7	21.4	21.7	22.8	21.7	21.5
	5CC	23.7	24.3	24.9	22.5	22.1	21.5	20.6	21.4	21.6	22.7	21.6	21.5
	5DA	23.0	23.6	24.0	22.2	21.6	20.8	20.0	20.6	20.8	22.1	20.9	20.7
	5DB	21.8	22.4	22.8	20.9	20.3	19.6	18.7	19.3	19.6	20.8	19.6	19.4
	5DC	21.8	22.3	22.8	20.8	20.3	19.6	18.7	19.4	19.6	20.8	19.6	19.5
	5DD	24.9	25.5	26.0	23.9	23.3	22.7	21.8	22.5	22.7	23.9	22.8	22.6
	5EA	30.7	31.1	31.4	29.0	28.7	27.5	27.2	27.6	27.7	29.0	28.0	28.5
	5EB	30.2	30.6	30.9	28.3	27.8	26.8	26.6	27.0	27.1	28.4	27.4	27.9
	5EC	29.2	29.7	30.1	27.7	27.2	26.4	25.8	26.5	26.6	27.8	26.8	26.8
	5ED	29.1	29.6	30.1	27.9	27.3	26.5	25.9	26.5	26.7	28.0	26.9	26.9
	5FA	30.5	31.0	31.7	29.4	28.7	27.6	27.2	27.6	28.1	29.5	28.5	28.7
	5FB	31.3	31.7	32.5	30.0	29.4	28.2	27.9	28.3	29.0	30.2	29.2	29.5
	5G	29.6	30.0	30.3	28.0	27.7	26.4	26.2	26.6	26.8	28.0	26.9	27.4
	5HA	30.6	31.2	31.8	29.7	29.8	28.2	28.0	28.3	28.7	29.6	28.2	28.9
	5HB	29.4	30.0	30.5	28.1	28.1	26.7	26.4	26.8	27.1	28.2	27.0	27.5
	5J	28.9	29.3	29.9	27.3	26.9	26.3	25.5	26.3	26.5	27.6	26.6	26.6

Monthly Temperature by Sub-basin

Year 2029 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.6	21.6	22.5	21.2	21.0	20.4	19.3	17.6	21.5	21.7	21.1	21.3
	1AB	18.7	18.6	19.6	18.2	18.1	17.5	16.4	14.7	18.6	18.7	18.2	18.4
	1AC	22.1	22.1	23.0	21.7	21.5	20.9	19.8	18.1	22.0	22.2	21.6	21.8
	1AD	23.5	23.5	24.5	23.1	23.0	22.4	21.2	19.7	23.5	23.6	23.2	23.3
	1AE	23.9	23.9	25.1	23.6	23.4	22.9	21.7	20.3	24.0	24.2	23.8	23.9
	1AF	23.3	23.3	24.5	23.0	22.9	22.3	21.1	19.7	23.4	23.6	23.2	23.3
	1AG	23.4	23.4	24.6	23.1	23.0	22.3	21.2	19.9	23.5	23.7	23.3	23.4
	1AH	23.6	23.7	24.9	23.4	23.2	22.6	21.5	20.2	23.8	23.9	23.6	23.7
	1BA	17.2	17.2	18.1	16.8	16.7	16.0	14.9	13.3	17.2	17.3	16.7	16.9
	1BB	18.0	18.0	18.9	17.6	17.5	16.9	15.7	14.1	18.0	18.1	17.6	17.7
	1BC	19.1	19.1	20.0	18.7	18.5	18.0	16.9	15.1	19.1	19.3	18.7	18.9
	1BD	19.6	19.6	20.5	19.2	19.0	18.4	17.3	15.7	19.6	19.7	19.1	19.3
	1BE	19.4	19.4	20.3	19.0	18.8	18.3	17.2	15.4	19.4	19.5	19.0	19.1
	1BG	19.4	19.3	20.3	19.0	18.8	18.2	17.1	15.4	19.4	19.5	18.9	19.1
	1BH	18.9	18.9	19.8	18.5	18.3	17.8	16.6	14.9	18.9	19.0	18.5	18.6
	1CA	18.3	18.3	19.3	18.0	17.8	17.1	16.0	14.5	18.3	18.4	17.9	18.0
	1CB	18.1	18.1	19.0	17.7	17.6	16.9	15.7	14.3	18.1	18.2	17.6	17.8
	1CC	17.0	17.2	18.2	16.9	16.8	16.1	14.9	13.6	17.2	17.3	16.8	17.0
	1CD	19.2	19.2	20.2	18.8	18.7	18.0	16.8	15.4	19.2	19.3	18.8	18.9
	1CE	20.6	20.5	21.5	20.2	20.0	19.4	18.2	16.7	20.5	20.6	20.1	20.3
	1DA	21.6	21.6	22.6	21.3	21.1	20.5	19.3	17.8	21.6	21.7	21.2	21.4
	1DB	19.1	19.0	20.0	18.7	18.5	17.9	16.8	15.1	19.0	19.2	18.6	18.8
	1DC	22.4	22.4	23.5	22.0	21.9	21.3	20.1	18.7	22.4	22.6	22.1	22.2
	1DD	22.8	22.8	23.9	22.5	22.3	21.7	20.6	19.1	22.8	23.0	22.6	22.7
	1EA	20.5	20.6	21.8	20.3	20.1	19.5	18.3	17.1	20.7	20.8	20.4	20.5
	1EB	22.2	22.3	23.5	22.0	21.8	21.2	20.0	18.8	22.3	22.5	22.1	22.2
	1EC	22.1	22.1	23.3	21.8	21.7	21.1	19.9	18.6	22.2	22.4	22.0	22.1
	1ED	22.9	23.0	24.2	22.7	22.5	21.9	20.8	19.5	23.1	23.2	22.9	22.9
	1EE	23.5	23.5	24.8	23.3	23.1	22.5	21.3	20.0	23.6	23.8	23.4	23.5
	1EF	23.6	23.7	24.9	23.4	23.2	22.6	21.5	20.2	23.7	23.9	23.6	23.6
	1EG	23.0	23.1	24.3	22.8	22.6	22.0	20.8	19.6	23.1	23.3	22.9	23.0
	1FA	16.5	16.7	17.8	16.5	16.4	15.7	14.5	13.2	16.8	16.9	16.5	16.6
	1FB	18.8	18.9	20.0	18.6	18.4	17.8	16.6	15.4	18.9	19.1	18.7	18.8
	1FC	19.1	19.2	20.4	18.9	18.8	18.1	16.9	15.7	19.2	19.4	19.0	19.1
	1FD	18.2	18.4	19.6	18.3	18.1	17.4	16.3	14.9	18.5	18.7	18.2	18.3
	1FE	21.1	21.2	22.4	20.9	20.7	20.0	18.9	17.7	21.2	21.4	21.0	21.1
	1FF	21.5	21.6	22.8	21.3	21.2	20.5	19.4	18.2	21.7	21.8	21.5	21.6
	1FG	23.2	23.3	24.5	23.0	22.9	22.2	21.1	19.9	23.3	23.5	23.2	23.3
LVSCA	1GA	16.8	17.1	18.2	17.0	16.9	16.2	15.1	13.6	17.2	17.4	16.9	17.0
	1GB	20.0	20.2	21.4	20.1	20.0	19.3	18.2	16.7	20.3	20.5	20.1	20.1
	1GC	17.0	17.2	18.4	17.2	17.1	16.3	15.2	13.8	17.4	17.5	17.1	17.1
	1GD	21.6	21.9	23.0	21.9	21.7	21.0	19.9	18.4	22.0	22.2	21.7	21.8
	1GE	21.4	21.6	22.8	21.6	21.5	20.7	19.6	18.1	21.7	21.9	21.5	21.5
	1GF	22.4	22.7	23.8	22.7	22.5	21.8	20.7	19.2	22.8	23.0	22.5	22.6
	1GG	17.3	17.5	18.7	17.5	17.4	16.7	15.5	14.1	17.7	17.8	17.4	17.4
	1HA1	21.2	21.4	22.6	21.1	21.0	20.3	19.1	17.9	21.4	21.6	21.2	21.3
	1HA2	23.5	23.7	24.9	23.7	23.5	22.8	21.7	20.2	23.8	24.0	23.6	23.6
	1HB1	23.2	23.3	24.5	23.1	22.9	22.2	21.1	19.9	23.3	23.5	23.2	23.3
	1HB2	22.6	22.7	23.9	22.4	22.3	21.6	20.4	19.3	22.7	22.9	22.6	22.6
	1HC	23.6	23.8	25.0	23.5	23.3	22.6	21.5	20.3	23.8	23.9	23.6	23.7
	1HD	22.0	22.2	23.4	22.2	22.0	21.3	20.2	18.7	22.3	22.5	22.1	22.1
	1HE	22.2	22.5	23.6	22.5	22.3	21.6	20.5	19.0	22.5	22.8	22.3	22.4
	1HF	23.0	23.2	24.4	23.2	23.0	22.3	21.2	19.7	23.3	23.5	23.1	23.1
	1HG	22.9	23.1	24.3	23.1	22.9	22.2	21.1	19.6	23.1	23.4	23.0	23.0
	1JA	16.5	16.8	17.9	16.8	16.7	15.9	14.7	13.4	16.9	17.1	16.6	16.7
	1JB	18.4	18.7	19.9	18.7	18.6	17.8	16.7	15.3	18.8	19.0	18.5	18.6
	1JC	17.4	17.7	18.8	17.7	17.5	16.8	15.6	14.2	17.8	18.0	17.5	17.6
	1JD	19.5	19.8	20.9	19.8	19.7	18.9	17.8	16.3	19.9	20.1	19.6	19.7
	1JE	18.8	19.1	20.2	19.1	18.9	18.1	17.0	15.7	19.1	19.3	18.9	18.9
	1JF	18.1	18.4	19.5	18.4	18.2	17.4	16.3	15.0	18.4	18.6	18.2	18.2
	1JG1	20.9	21.2	22.3	21.2	21.0	20.3	19.2	17.7	21.3	21.5	21.0	21.1
	1JG2	22.7	23.0	24.1	23.0	22.8	22.1	21.0	19.5	23.1	23.3	22.8	22.9
	1KA	21.4	21.7	22.8	21.7	21.5	20.8	19.7	18.2	21.7	22.0	21.5	21.6
	1KB	21.4	21.7	22.8	21.7	21.5	20.8	19.7	18.2	21.7	22.0	21.5	21.6
	1KC	20.6	20.9	22.0	20.9	20.7	19.9	18.8	17.5	20.9	21.1	20.7	20.7
	1LA1	16.9	17.2	18.3	17.2	17.1	16.3	15.1	13.8	17.3	17.5	17.0	17.1
	1LA2	20.1	20.5	21.6	20.4	20.2	19.4	18.4	17.1	20.4	20.7	20.2	20.3
	1LA3	19.0	19.4	20.5	18.9	18.7	17.9	16.9	16.1	18.9	19.2	18.9	18.8
	1LB1	17.1	17.5	18.6	17.5	17.3	16.5	15.4	14.1	17.5	17.7	17.3	17.3
	1LB2	19.1	19.5	20.6	19.2	19.0	18.2	17.1	16.2	19.2	19.5	19.1	19.1

Monthly Temperature by Sub-basin

Year 2029 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	28.2	28.0	29.0	27.4	27.2	26.9	25.9	24.1	28.0	28.2	27.7	27.8
	2AB	28.8	28.3	29.5	28.0	27.9	27.9	26.8	24.4	28.7	29.0	28.5	28.6
	2BA	19.8	19.6	20.6	19.3	19.1	18.7	17.6	15.6	19.8	19.9	19.4	19.5
	2BB	24.4	24.2	25.3	23.8	23.7	23.4	22.3	20.2	24.4	24.6	24.0	24.1
	2BC	22.7	22.5	23.6	22.2	22.1	21.7	20.6	18.5	22.7	22.9	22.4	22.5
	2BD	27.4	26.8	28.1	26.7	26.7	26.8	25.7	22.7	27.5	27.9	27.4	27.3
	2CA	29.0	28.3	29.7	28.3	28.3	28.6	27.4	24.4	29.3	29.7	29.1	29.0
	2CB	21.4	21.5	22.5	21.2	21.0	20.3	19.2	17.8	21.5	21.6	21.1	21.2
	2CC	26.6	26.3	27.4	26.0	25.9	25.6	24.5	22.4	26.6	26.8	26.3	26.3
	2D	24.9	24.9	25.9	24.4	24.3	23.7	22.6	21.1	24.9	25.0	24.4	24.5
	2EA	19.5	19.9	21.0	19.8	19.8	18.9	17.7	16.5	20.1	20.1	19.6	19.7
	2EB	19.3	19.6	20.6	19.4	19.4	18.5	17.4	16.2	19.7	19.8	19.3	19.3
	2EC	18.4	18.7	19.8	18.7	18.6	17.7	16.6	15.4	18.9	19.0	18.5	18.5
	2ED	16.3	16.6	17.7	16.6	16.5	15.7	14.6	13.1	16.7	16.9	16.4	16.5
	2EE	21.9	22.1	23.1	21.8	21.7	20.9	19.8	18.5	22.1	22.2	21.7	21.8
	2EF	18.9	19.2	20.3	19.1	19.1	18.3	17.1	15.7	19.3	19.5	19.0	19.0
	2EG1	15.2	15.5	16.6	15.5	15.4	14.6	13.4	12.1	15.7	15.8	15.3	15.4
	2EG2	21.5	21.7	22.8	21.6	21.5	20.7	19.5	18.2	21.8	21.9	21.4	21.5
	2EH	23.0	23.1	24.0	22.7	22.6	21.8	20.6	19.4	23.0	23.1	22.5	22.7
	2EJ	21.3	21.5	22.4	21.0	21.0	20.1	19.0	17.8	21.4	21.4	20.9	21.0
	2EK	19.4	19.6	20.5	19.2	19.1	18.3	17.1	16.0	19.6	19.6	19.0	19.2
	2FA	17.4	17.8	18.9	17.8	17.7	16.8	15.6	14.6	18.0	18.0	17.5	17.6
	2FB	17.9	18.3	19.4	18.3	18.2	17.3	16.1	15.0	18.5	18.5	18.1	18.1
	2FC	16.7	17.1	18.2	17.1	17.0	16.1	14.9	13.9	17.3	17.4	16.9	16.9
	2GA	16.8	17.2	18.3	17.2	17.2	16.2	15.0	14.1	17.4	17.5	17.0	17.0
	2GB	14.9	15.3	16.4	15.3	15.3	14.3	13.1	12.2	15.6	15.6	15.1	15.1
	2GC	13.9	14.4	15.5	14.4	14.4	13.3	12.1	11.4	14.7	14.6	14.1	14.1
	2GD	16.4	16.8	17.9	16.8	16.8	15.8	14.6	13.7	17.0	17.0	16.6	16.6
	2H-1	21.5	22.0	23.1	21.6	21.5	20.5	19.4	18.8	21.6	21.8	21.4	21.4
	2H-2	22.0	22.5	23.6	22.1	21.9	20.9	19.9	19.4	22.0	22.2	21.9	21.9
	2H-3	21.5	22.0	23.2	21.5	21.1	20.1	19.1	18.9	21.1	21.3	21.0	21.1
	2J	27.9	27.6	28.7	27.2	27.0	26.9	25.8	23.7	27.8	28.1	27.5	27.6
	2KA	17.5	17.9	19.0	17.8	17.7	16.8	15.7	14.6	17.9	18.0	17.6	17.6
	2KB	20.1	20.5	21.6	20.1	20.0	19.0	18.0	17.3	20.1	20.3	20.0	19.9
	2KC	23.1	23.6	24.7	23.2	22.9	22.0	21.0	20.4	23.1	23.3	23.1	23.0
ACA	3AA	19.3	19.8	21.0	19.4	19.2	18.0	17.0	16.8	19.2	19.3	19.0	19.0
	3AB	19.9	20.4	21.5	19.9	19.6	18.5	17.5	17.4	19.6	19.8	19.4	19.5
	3AC	20.4	20.9	22.0	20.5	20.3	19.1	18.1	18.0	20.4	20.4	20.0	20.1
	3BA	19.1	19.6	20.8	19.3	19.1	18.0	16.9	16.7	19.2	19.3	18.9	18.9
	3BB	19.2	19.7	20.8	19.3	19.2	18.1	17.0	16.7	19.3	19.4	19.0	19.0
	3BC	17.8	18.2	19.4	18.0	18.0	16.9	15.7	15.3	18.2	18.2	17.7	17.7
	3BD	18.6	19.1	20.2	18.9	18.8	17.7	16.5	16.2	19.0	19.0	18.5	18.6
	3CB	19.4	19.9	21.0	19.7	19.7	18.5	17.3	17.1	19.8	19.8	19.3	19.4
	3DA	21.6	22.1	23.3	21.8	21.6	20.4	19.3	19.3	21.7	21.7	21.3	21.3
	3DB	23.0	23.5	24.7	23.1	22.8	21.7	20.7	20.6	22.9	23.0	22.6	22.6
	3EA	20.2	20.7	21.9	20.4	20.1	18.9	17.9	17.8	20.1	20.2	19.9	19.9
	3EB	21.3	21.9	23.0	21.5	21.2	20.0	19.0	18.9	21.2	21.3	21.0	20.9
	3EC	21.2	21.8	22.9	21.3	21.0	19.8	18.9	18.7	20.9	21.1	20.8	20.8
	3ED	23.5	24.1	25.3	23.6	23.2	22.1	21.2	21.0	23.2	23.4	23.1	23.1
	3FA	22.4	23.0	24.2	22.5	22.0	21.0	20.1	19.9	21.9	22.3	22.0	22.0
	3FB	24.9	25.8	27.0	25.3	24.7	23.7	22.9	22.6	24.5	25.0	24.9	24.7
	3G	23.8	24.7	26.1	24.2	23.5	22.6	21.9	21.4	23.3	23.9	23.9	23.7
	3HA	26.2	27.4	28.8	27.0	26.2	25.3	24.6	24.0	25.8	26.5	26.7	26.4
	3HB	28.3	29.4	30.7	28.8	28.0	27.0	26.4	25.9	27.6	28.3	28.4	28.1
	3HC	29.3	30.3	31.4	29.5	28.6	27.6	27.0	26.7	28.2	28.8	28.8	28.6
	3HD1	29.4	30.4	31.5	29.5	28.6	27.6	27.0	26.7	28.3	28.9	28.8	28.7
	3HD2	30.0	30.9	31.9	29.8	28.9	27.9	27.4	27.1	28.6	29.2	29.1	28.9
	3J	24.4	25.4	26.8	24.9	24.1	23.2	22.5	22.0	23.9	24.5	24.6	24.4
	3K	29.0	30.0	31.2	29.3	28.5	27.5	26.9	26.5	28.2	28.8	28.8	28.7
	3LA	27.6	28.7	30.0	28.1	27.3	26.3	25.7	25.2	26.9	27.6	27.7	27.5
	3LB	29.6	30.5	31.6	29.7	28.8	27.7	27.2	26.9	28.4	29.0	29.0	28.8
	3MA-1	25.2	26.3	27.7	25.9	25.1	24.1	23.5	23.0	24.7	25.4	25.6	25.3
	3MA-2	27.4	28.4	29.8	27.9	27.1	26.1	25.5	25.0	26.7	27.4	27.5	27.3
	3MB	28.6	29.6	30.9	29.0	28.1	27.1	26.5	26.1	27.8	28.4	28.5	28.3
	3MC	28.5	29.5	30.7	28.9	28.0	27.0	26.4	26.0	27.7	28.3	28.4	28.2
	3MD1	29.3	30.2	31.4	29.5	28.6	27.6	27.0	26.7	28.3	28.9	28.9	28.8
	3MD2	29.6	30.6	31.8	29.9	29.0	28.0	27.4	27.0	28.7	29.3	29.3	29.2
	3N	21.7	22.4	23.6	21.8	21.3	20.3	19.4	19.2	21.2	21.6	21.4	21.3

Monthly Temperature by Sub-basin

Year 2029 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.6	16.0	17.2	16.1	16.2	15.0	13.7	13.4	16.6	16.3	15.8	15.8
	4AB	16.3	16.7	17.9	16.8	16.8	15.7	14.4	13.9	17.2	17.0	16.5	16.5
	4AC	15.9	16.4	17.5	16.4	16.5	15.3	14.1	13.6	16.8	16.7	16.2	16.2
	4AD	16.2	16.6	17.8	16.7	16.7	15.6	14.3	13.8	17.0	16.9	16.4	16.4
	4BA	20.2	20.7	21.8	20.8	20.9	19.7	18.4	18.1	21.3	21.0	20.5	20.5
	4BB	17.3	17.8	18.9	17.9	18.0	16.8	15.4	15.2	18.4	18.1	17.6	17.6
	4BC	20.1	20.6	21.8	20.7	20.8	19.5	18.2	18.1	21.2	20.9	20.3	20.4
	4BD	18.2	18.7	19.8	18.7	18.8	17.6	16.3	15.9	19.1	18.9	18.4	18.4
	4BE	19.4	19.9	21.0	19.9	19.9	18.7	17.5	17.2	20.3	20.1	19.6	19.6
	4BF	21.3	21.7	22.9	21.5	21.5	20.2	19.0	19.0	21.7	21.6	21.1	21.2
	4BG	22.3	22.8	24.0	22.7	22.7	21.4	20.2	20.2	22.9	22.7	22.2	22.3
	4CA	16.0	16.5	17.6	16.5	16.4	15.3	14.2	13.6	16.7	16.6	16.2	16.2
	4CB	18.0	18.4	19.6	18.4	18.4	17.2	16.0	15.6	18.6	18.6	18.1	18.1
	4CC	21.5	22.0	23.2	21.8	21.7	20.5	19.3	19.3	21.9	21.8	21.3	21.4
	4DA	19.7	20.2	21.4	20.3	20.4	19.1	17.7	17.7	20.8	20.5	19.9	19.9
	4DB	17.9	18.4	19.5	18.4	18.6	17.3	15.9	15.9	19.1	18.7	18.1	18.1
	4DC	17.3	17.8	18.9	17.9	18.1	16.7	15.4	15.4	18.5	18.1	17.6	17.6
	4DD	22.4	22.9	24.1	22.9	23.0	21.6	20.3	20.4	23.3	23.0	22.5	22.5
	4DE	22.7	23.2	24.4	23.0	23.0	21.7	20.5	20.5	23.2	23.0	22.6	22.6
	4EA	20.7	21.3	22.4	21.2	21.2	20.0	18.7	18.6	21.5	21.3	20.8	20.8
	4EB	19.4	19.9	21.0	19.8	19.9	18.6	17.3	17.3	20.2	19.9	19.4	19.4
	4EC	22.2	22.7	23.9	22.7	22.8	21.4	20.1	20.2	23.1	22.8	22.3	22.3
	4ED	23.5	24.1	25.2	23.9	23.8	22.5	21.4	21.4	23.9	23.8	23.4	23.4
	4FA	21.8	22.4	23.4	22.2	22.1	20.9	19.7	19.6	22.3	22.2	21.7	21.7
	4FB	25.5	26.2	27.1	25.8	25.5	24.3	23.2	23.2	25.7	25.6	25.2	25.2
	4GA	27.0	27.7	28.5	27.0	26.7	25.5	24.5	24.5	26.7	26.7	26.3	26.4
	4GB	28.0	28.7	29.5	28.0	27.6	26.4	25.5	25.5	27.5	27.6	27.2	27.3
	4GC	29.1	30.0	30.6	29.1	28.5	27.4	26.6	26.5	28.3	28.6	28.2	28.2
	4GD	28.3	29.2	30.0	28.4	27.8	26.7	25.9	25.8	27.6	27.9	27.6	27.6
	4GE	27.6	28.4	29.3	27.8	27.2	26.1	25.3	25.2	27.1	27.4	27.1	27.0
	4GF	27.9	28.8	29.7	28.0	27.4	26.3	25.6	25.4	27.1	27.5	27.3	27.2
	4GG	29.7	30.6	31.6	29.5	28.6	27.6	27.1	26.9	28.2	28.8	28.7	28.5
	4HA	24.6	25.4	26.5	25.0	24.5	23.4	22.5	22.3	24.4	24.7	24.4	24.4
	4HB	27.9	28.8	29.9	28.1	27.4	26.4	25.7	25.4	27.2	27.6	27.5	27.3
	4HC	27.9	28.9	30.1	28.3	27.5	26.6	25.9	25.5	27.3	27.8	27.8	27.6
	4JA	29.7	30.6	31.1	29.4	28.7	27.6	26.9	26.8	28.4	28.8	28.5	28.5
	4JB	30.2	31.1	31.8	29.6	28.7	27.7	27.2	27.0	28.3	28.9	28.8	28.7
	4KA	30.0	30.8	31.5	29.5	28.7	27.6	27.0	26.9	28.3	28.8	28.6	28.5
	4KB	29.9	30.8	31.5	29.4	28.6	27.5	27.0	26.9	28.2	28.7	28.6	28.5
ENNCA	5AA	16.8	17.2	18.3	17.1	17.0	16.1	14.9	13.9	17.4	17.4	16.9	16.9
	5AB	17.1	17.4	18.5	17.3	17.3	16.3	15.1	14.2	17.6	17.6	17.1	17.1
	5AC	19.4	19.6	20.5	19.2	19.2	18.2	17.1	16.2	19.6	19.6	19.0	19.1
	5AD	19.2	19.6	20.6	19.3	19.3	18.3	17.1	16.3	19.7	19.6	19.1	19.1
	5BA	17.3	17.8	18.9	17.8	17.8	16.7	15.5	14.9	18.2	18.0	17.5	17.5
	5BB	15.6	16.0	17.1	16.0	16.0	14.9	13.7	13.0	16.3	16.2	15.7	15.7
	5BC-1	17.1	17.6	18.7	17.6	17.6	16.5	15.3	14.6	17.9	17.8	17.3	17.3
	5BC-2	19.9	20.2	21.2	19.9	19.9	18.9	17.7	17.0	20.3	20.2	19.7	19.7
	5BD	18.0	18.4	19.5	18.3	18.3	17.3	16.1	15.2	18.6	18.6	18.1	18.1
	5BE	16.1	16.6	17.6	16.5	16.5	15.4	14.2	13.6	16.9	16.7	16.2	16.2
	5CA	19.3	19.5	20.4	19.0	18.8	18.0	16.9	15.8	19.4	19.3	18.8	18.9
	5CB	22.4	22.6	23.5	22.0	21.9	21.0	20.0	19.0	22.4	22.4	21.9	21.9
	5CC	22.4	22.5	23.4	21.9	21.7	21.0	20.0	18.8	22.3	22.4	21.8	21.9
	5DA	21.3	21.7	22.7	21.4	21.3	20.3	19.1	18.6	21.8	21.7	21.1	21.1
	5DB	20.1	20.5	21.4	20.1	20.1	19.0	17.9	17.3	20.5	20.4	19.9	19.9
	5DC	20.2	20.5	21.4	20.1	20.0	19.1	17.9	17.1	20.5	20.4	19.9	20.0
	5DD	23.4	23.7	24.6	23.2	23.0	22.1	21.0	20.2	23.5	23.5	22.9	23.0
	5EA	29.4	30.2	30.3	28.8	28.0	27.0	26.2	26.3	28.0	28.2	27.6	28.1
	5EB	28.9	29.6	29.8	27.9	27.2	26.2	25.4	25.4	27.5	27.6	27.1	27.6
	5EC	27.9	28.2	28.8	27.2	26.8	25.9	25.0	24.6	27.2	27.3	26.8	27.0
	5ED	27.7	28.3	28.9	27.4	27.0	26.0	25.0	24.7	27.3	27.3	26.7	26.9
	5FA	29.4	30.3	30.7	29.0	28.3	27.2	26.4	26.4	28.2	28.4	27.9	28.1
	5FB	30.3	31.2	31.4	29.8	28.9	27.9	27.1	27.1	28.8	29.0	28.5	28.8
	5G	28.2	29.1	29.3	27.4	26.7	25.9	24.9	25.1	27.0	27.2	26.6	27.1
	5HA	29.2	30.2	30.7	28.7	28.0	27.6	26.5	27.1	28.6	28.8	27.9	28.6
	5HB	28.1	29.0	29.3	27.3	26.6	26.1	25.1	25.2	27.2	27.5	26.7	27.2
	5J	27.7	27.8	28.5	26.8	26.4	25.8	24.9	23.9	27.0	27.2	26.7	26.9

Monthly Temperature by Sub-basin

Year 2030 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	19.9	22.0	21.5	21.4	21.3	20.0	19.3	19.2	20.3	20.9	20.4	20.5
	1AB	16.9	19.0	18.6	18.4	18.4	17.2	16.5	16.4	17.4	17.9	17.5	17.6
	1AC	20.4	22.5	22.0	21.9	21.8	20.6	19.9	19.8	20.8	21.4	21.0	21.0
	1AD	21.9	24.0	23.5	23.4	23.3	22.0	21.2	21.2	22.3	22.9	22.5	22.5
	1AE	22.5	24.6	24.1	24.0	23.9	22.5	21.7	21.7	22.9	23.5	23.1	23.1
	1AF	21.9	24.0	23.5	23.4	23.3	22.0	21.2	21.2	22.3	22.9	22.5	22.5
	1AG	22.1	24.2	23.7	23.5	23.4	22.1	21.3	21.3	22.4	23.1	22.6	22.6
	1AH	22.5	24.5	23.9	23.8	23.6	22.3	21.5	21.4	22.7	23.3	22.9	23.0
	1BA	15.6	17.7	17.2	17.0	17.0	15.7	14.9	14.9	16.0	16.5	16.1	16.2
	1BB	16.3	18.4	18.0	17.9	17.8	16.7	16.0	15.9	16.8	17.3	17.0	17.0
	1BC	17.3	19.5	19.1	19.0	19.0	17.8	17.2	17.1	17.9	18.4	18.1	18.1
	1BD	17.9	20.0	19.6	19.5	19.5	18.3	17.6	17.6	18.4	19.0	18.6	18.6
	1BE	17.6	19.8	19.4	19.3	19.3	18.3	17.7	17.5	18.3	18.7	18.4	18.4
	1BG	17.6	19.8	19.5	19.3	19.3	18.2	17.7	17.5	18.3	18.7	18.4	18.4
	1BH	17.2	19.3	18.9	18.8	18.8	17.6	17.0	16.9	17.7	18.2	17.9	17.9
	1CA	16.8	18.9	18.4	18.2	18.2	16.9	16.2	16.2	17.2	17.8	17.3	17.4
	1CB	16.6	18.7	18.2	18.0	17.9	16.6	15.8	15.8	16.9	17.5	17.1	17.1
	1CC	15.8	17.9	17.3	17.1	17.1	15.7	14.8	14.9	16.1	16.7	16.2	16.3
	1CD	17.7	19.8	19.3	19.1	19.1	17.8	17.0	17.0	18.1	18.7	18.2	18.3
	1CE	18.9	21.0	20.6	20.5	20.4	19.2	18.6	18.5	19.4	19.9	19.6	19.6
	1DA	20.1	22.2	21.7	21.6	21.5	20.3	19.6	19.5	20.5	21.1	20.7	20.7
	1DB	17.4	19.5	19.1	18.9	18.9	17.7	17.0	16.9	17.9	18.4	18.0	18.1
	1DC	20.9	23.1	22.6	22.4	22.4	21.1	20.3	20.3	21.3	21.9	21.5	21.6
	1DD	21.4	23.5	23.0	22.8	22.8	21.5	20.7	20.7	21.8	22.4	21.9	22.0
	1EA	19.3	21.4	20.9	20.7	20.7	19.3	18.6	18.6	19.7	20.3	19.8	19.9
	1EB	21.1	23.2	22.6	22.4	22.3	21.0	20.2	20.2	21.3	22.0	21.5	21.6
	1EC	20.9	23.0	22.5	22.3	22.2	20.9	20.2	20.1	21.2	21.8	21.4	21.5
	1ED	21.8	23.9	23.3	23.1	23.0	21.7	20.9	20.8	22.0	22.7	22.2	22.3
	1EE	22.4	24.5	23.8	23.6	23.5	22.1	21.3	21.3	22.5	23.2	22.7	22.9
	1EF	22.5	24.6	23.9	23.7	23.6	22.2	21.4	21.4	22.6	23.3	22.9	23.0
	1EG	21.9	24.0	23.4	23.2	23.1	21.7	20.9	20.9	22.1	22.8	22.3	22.4
	1FA	15.5	17.7	16.9	16.7	16.7	15.2	14.4	14.4	15.7	16.4	15.9	16.0
	1FB	17.7	19.8	19.2	19.0	19.0	17.6	16.8	16.8	18.0	18.6	18.1	18.2
	1FC	18.1	20.2	19.5	19.3	19.3	17.9	17.1	17.1	18.3	18.9	18.4	18.6
	1FD	17.2	19.3	18.6	18.4	18.4	16.9	16.1	16.1	17.4	18.1	17.6	17.7
	1FE	20.0	22.1	21.5	21.3	21.2	19.8	19.0	19.0	20.2	20.9	20.4	20.5
	1FF	20.5	22.6	21.9	21.8	21.7	20.2	19.4	19.4	20.7	21.4	20.9	21.0
	1FG	22.2	24.3	23.6	23.4	23.3	21.8	21.0	21.0	22.3	23.0	22.5	22.6
LVSCA	1GA	15.9	18.0	17.3	17.0	17.0	15.5	14.6	14.7	16.0	16.7	16.2	16.4
	1GB	19.1	21.1	20.4	20.2	20.1	18.7	17.8	17.9	19.2	19.9	19.3	19.5
	1GC	16.2	18.3	17.4	17.2	17.1	15.6	14.6	14.8	16.2	16.9	16.3	16.6
	1GD	20.7	22.8	22.0	21.8	21.8	20.2	19.3	19.4	20.8	21.5	21.0	21.1
	1GE	20.5	22.6	21.8	21.6	21.5	19.9	19.0	19.1	20.5	21.3	20.7	20.9
	1GF	21.5	23.6	22.8	22.6	22.5	21.0	20.1	20.2	21.5	22.3	21.8	21.9
	1GG	16.4	18.5	17.7	17.5	17.4	15.9	15.0	15.1	16.4	17.2	16.6	16.8
	1HA1	20.3	22.4	21.7	21.5	21.4	20.0	19.1	19.2	20.4	21.1	20.6	20.8
	1HA2	22.6	24.6	23.9	23.7	23.6	22.1	21.3	21.3	22.6	23.4	22.8	23.0
	1HB1	22.3	24.3	23.6	23.4	23.3	21.9	21.0	21.0	22.3	23.1	22.6	22.7
	1HB2	21.6	23.7	23.0	22.8	22.7	21.3	20.4	20.5	21.7	22.5	22.0	22.1
	1HC	22.7	24.7	24.0	23.8	23.7	22.2	21.3	21.4	22.7	23.5	23.0	23.1
	1HD	21.1	23.1	22.3	22.1	22.0	20.5	19.6	19.7	21.0	21.8	21.3	21.4
	1HE	21.3	23.4	22.6	22.4	22.3	20.7	19.8	19.9	21.3	22.1	21.5	21.7
	1HF	22.1	24.1	23.3	23.1	23.0	21.4	20.5	20.6	22.0	22.8	22.3	22.4
	1HG	21.9	24.0	23.2	23.0	22.9	21.3	20.4	20.5	21.9	22.7	22.2	22.3
	1JA	15.8	17.9	17.0	16.8	16.7	15.1	14.1	14.3	15.7	16.5	15.9	16.1
	1JB	17.7	19.7	18.9	18.7	18.6	17.0	16.0	16.2	17.6	18.4	17.8	18.0
	1JC	16.6	18.7	17.9	17.7	17.6	16.0	15.0	15.2	16.6	17.4	16.8	17.0
	1JD	18.7	20.8	20.0	19.8	19.7	18.1	17.1	17.3	18.7	19.5	18.9	19.1
	1JE	18.1	20.1	19.2	19.0	18.9	17.3	16.3	16.5	17.9	18.8	18.2	18.3
	1JF	17.3	19.4	18.5	18.3	18.2	16.6	15.6	15.8	17.3	18.1	17.5	17.6
	1JG1	20.1	22.1	21.3	21.1	21.0	19.5	18.5	18.7	20.0	20.8	20.3	20.4
	1JG2	21.8	23.9	23.1	22.9	22.8	21.3	20.4	20.5	21.8	22.6	22.1	22.2
	1KA	20.6	22.6	21.8	21.6	21.5	19.9	18.9	19.1	20.5	21.3	20.7	20.9
	1KB	20.6	22.6	21.8	21.6	21.5	19.9	18.9	19.0	20.5	21.3	20.7	20.9
	1KC	19.8	21.9	21.0	20.8	20.6	19.0	18.1	18.2	19.7	20.5	19.9	20.1
	1LA1	16.2	18.3	17.4	17.2	17.1	15.4	14.5	14.6	16.1	17.0	16.3	16.5
	1LA2	19.5	21.5	20.6	20.4	20.2	18.6	17.6	17.8	19.3	20.2	19.5	19.7
	1LA3	18.5	20.5	19.5	19.3	19.2	17.4	16.5	16.6	18.2	19.2	18.5	18.6
	1LB1	16.5	18.6	17.7	17.5	17.4	15.7	14.7	14.9	16.4	17.2	16.6	16.8
	1LB2	18.6	20.6	19.6	19.4	19.3	17.6	16.6	16.8	18.4	19.2	18.6	18.7

Monthly Temperature by Sub-basin

Year 2030 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.6	27.9	27.2	26.5	26.3	25.2	24.2	24.7	25.9	26.3	25.7	26.1
	2AB	26.8	28.1	27.5	26.8	26.6	25.5	24.6	25.0	26.2	26.6	26.0	26.4
	2BA	17.9	20.0	19.5	19.3	19.2	18.1	17.3	17.3	18.3	18.7	18.3	18.5
	2BB	22.6	24.4	23.9	23.6	23.5	22.3	21.5	21.6	22.7	23.1	22.7	22.9
	2BC	20.8	22.8	22.3	22.1	22.0	20.9	20.1	20.1	21.1	21.5	21.1	21.3
	2BD	25.2	26.6	26.1	25.6	25.4	24.3	23.3	23.5	24.8	25.2	24.7	25.1
	2CA	26.7	28.1	27.5	27.0	26.8	25.6	24.6	24.9	26.2	26.6	26.1	26.5
	2CB	20.0	22.1	21.5	21.3	21.3	19.8	19.0	19.1	20.3	21.0	20.5	20.5
	2CC	24.8	26.4	25.9	25.4	25.3	24.1	23.1	23.4	24.6	25.0	24.5	24.8
	2D	23.5	25.3	24.6	24.2	24.1	22.7	21.7	22.0	23.4	23.8	23.3	23.5
	2EA	18.8	21.0	20.1	19.9	19.8	18.1	17.1	17.3	18.9	19.7	19.0	19.2
	2EB	18.5	20.6	19.8	19.5	19.4	17.8	16.8	17.0	18.6	19.3	18.7	18.8
	2EC	17.7	19.9	19.0	18.7	18.6	17.0	16.0	16.2	17.7	18.5	17.8	18.0
	2ED	15.5	17.6	16.8	16.6	16.5	14.9	14.0	14.1	15.5	16.3	15.7	15.9
	2EE	20.9	22.9	22.2	21.9	21.9	20.3	19.4	19.5	20.9	21.6	21.1	21.2
	2EF	18.1	20.2	19.4	19.2	19.1	17.5	16.5	16.7	18.1	18.9	18.3	18.5
	2EG1	14.5	16.6	15.7	15.5	15.4	13.8	12.8	13.0	14.5	15.3	14.6	14.8
	2EG2	20.6	22.7	21.9	21.6	21.6	20.0	19.0	19.2	20.7	21.4	20.8	20.9
	2EH	21.7	23.7	23.1	22.8	22.8	21.3	20.4	20.5	21.8	22.5	22.0	22.1
	2EJ	20.2	22.2	21.5	21.2	21.1	19.6	18.6	18.8	20.3	21.0	20.3	20.4
	2EK	18.4	20.4	19.7	19.4	19.3	17.7	16.7	16.9	18.5	19.2	18.5	18.7
	2FA	17.0	19.1	18.1	17.9	17.8	16.1	15.0	15.2	16.9	17.7	17.0	17.2
	2FB	17.3	19.5	18.6	18.3	18.2	16.6	15.5	15.7	17.3	18.1	17.4	17.6
	2FC	16.2	18.4	17.4	17.2	17.1	15.4	14.3	14.5	16.2	17.0	16.3	16.5
	2GA	16.4	18.6	17.6	17.4	17.3	15.5	14.5	14.7	16.4	17.2	16.5	16.6
	2GB	14.5	16.7	15.8	15.5	15.4	13.7	12.6	12.8	14.6	15.3	14.6	14.8
	2GC	13.7	15.9	14.9	14.6	14.5	12.7	11.7	11.9	13.7	14.5	13.7	13.9
	2GD	16.1	18.2	17.2	17.0	16.9	15.1	14.1	14.3	16.0	16.8	16.0	16.2
	2H-1	21.3	23.3	22.2	22.0	21.9	20.1	19.0	19.2	20.9	21.9	21.2	21.2
	2H-2	22.0	23.8	22.8	22.6	22.5	20.6	19.6	19.8	21.5	22.4	21.8	21.7
	2H-3	21.3	23.2	22.2	22.0	21.8	19.9	18.9	19.1	20.8	21.9	21.3	21.2
	2J	26.1	27.5	26.9	26.2	26.0	24.9	24.0	24.3	25.6	25.9	25.4	25.8
	2KA	17.0	19.1	18.1	17.9	17.8	16.1	15.1	15.2	16.9	17.7	17.0	17.1
	2KB	19.8	21.7	20.7	20.6	20.4	18.7	17.7	17.9	19.5	20.4	19.7	19.7
	2KC	22.8	24.8	23.7	23.5	23.3	21.5	20.5	20.7	22.4	23.4	22.8	22.8
ACA	3AA	19.6	21.3	20.4	20.2	20.1	18.2	17.2	17.4	19.0	19.8	19.1	19.1
	3AB	19.9	21.7	20.7	20.6	20.4	18.5	17.5	17.7	19.4	20.4	19.7	19.6
	3AC	20.5	22.4	21.4	21.2	21.1	19.2	18.2	18.4	20.1	21.0	20.3	20.2
	3BA	19.4	21.2	20.3	20.1	20.0	18.1	17.1	17.3	18.9	19.7	18.9	19.0
	3BB	19.4	21.3	20.3	20.1	20.0	18.1	17.1	17.3	18.9	19.8	19.0	19.0
	3BC	17.9	19.8	18.9	18.7	18.6	16.7	15.7	15.9	17.5	18.4	17.6	17.6
	3BD	18.7	20.7	19.8	19.6	19.4	17.6	16.5	16.8	18.5	19.3	18.5	18.6
	3CB	19.5	21.6	20.6	20.4	20.2	18.4	17.3	17.5	19.3	20.1	19.4	19.4
	3DA	21.6	23.7	22.6	22.4	22.2	20.4	19.3	19.5	21.4	22.4	21.7	21.6
	3DB	22.8	24.7	23.8	23.6	23.3	21.5	20.4	20.7	22.5	23.7	23.1	22.8
	3EA	20.2	22.2	21.1	20.9	20.7	18.9	17.8	18.0	19.8	20.9	20.2	20.1
	3EB	21.2	23.1	22.1	21.9	21.7	19.8	18.8	19.0	20.8	22.0	21.4	21.1
	3EC	21.0	22.8	21.9	21.7	21.4	19.6	18.6	18.8	20.6	21.8	21.3	20.9
	3ED	23.2	25.0	24.1	24.0	23.6	21.8	20.8	21.0	22.9	24.1	23.7	23.2
	3FA	22.1	23.9	22.9	22.8	22.4	20.6	19.6	19.9	21.7	23.0	22.6	22.0
	3FB	24.8	26.5	25.5	25.4	25.0	23.1	22.3	22.5	24.2	25.7	25.5	24.7
	3G	23.9	25.6	24.5	24.3	24.0	22.2	21.3	21.4	23.1	24.5	24.5	23.8
	3HA	26.9	28.5	27.2	27.0	26.6	25.0	24.2	24.1	25.5	26.8	27.3	26.7
	3HB	28.5	30.1	29.1	28.8	28.4	26.8	26.1	26.0	27.3	28.5	29.0	28.5
	3HC	28.8	30.6	29.8	29.5	28.9	27.4	26.7	26.7	28.0	29.0	29.4	29.2
	3HD1	29.0	30.7	29.9	29.6	28.9	27.5	26.8	26.8	28.0	29.0	29.5	29.3
	3HD2	29.1	31.0	30.2	29.8	29.1	27.8	27.1	27.1	28.4	29.3	29.7	29.7
	3J	24.7	26.3	25.2	25.0	24.6	22.9	22.1	22.0	23.7	25.0	25.2	24.6
	3K	29.1	30.6	29.7	29.4	28.9	27.3	26.6	26.5	27.9	29.0	29.4	29.1
	3LA	28.0	29.5	28.5	28.2	27.7	26.1	25.4	25.3	26.6	27.8	28.4	27.9
	3LB	29.2	30.9	30.0	29.7	29.1	27.6	27.0	27.0	28.2	29.2	29.6	29.4
	3MA-1	25.8	27.3	26.2	25.9	25.5	23.9	23.1	23.0	24.4	25.7	26.2	25.6
	3MA-2	27.8	29.3	28.2	27.9	27.5	25.9	25.2	25.0	26.4	27.6	28.1	27.6
	3MB	28.7	30.3	29.3	29.0	28.5	26.9	26.2	26.1	27.5	28.6	29.1	28.7
	3MC	28.6	30.2	29.2	28.9	28.4	26.8	26.1	26.0	27.4	28.5	29.0	28.6
	3MD1	29.2	30.8	29.9	29.6	29.0	27.5	26.8	26.7	28.0	29.1	29.6	29.2
	3MD2	29.6	31.2	30.3	30.0	29.4	27.8	27.1	27.1	28.4	29.5	29.9	29.6
	3N	21.5	23.3	22.3	22.1	21.8	20.0	19.0	19.2	21.0	22.2	21.8	21.4

Monthly Temperature by Sub-basin

Year 2030 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.3	17.9	16.9	16.5	16.3	14.6	13.4	13.7	15.7	16.5	15.6	15.9
	4AB	16.0	18.4	17.4	17.1	16.9	15.2	14.1	14.3	16.2	17.0	16.2	16.4
	4AC	15.7	18.1	17.1	16.8	16.6	14.9	13.7	14.0	15.9	16.7	15.9	16.1
	4AD	16.0	18.4	17.3	17.0	16.9	15.1	14.0	14.2	16.1	16.9	16.1	16.3
	4BA	20.1	22.7	21.6	21.3	21.1	19.3	18.1	18.4	20.4	21.2	20.3	20.6
	4BB	17.1	19.8	18.7	18.4	18.1	16.4	15.2	15.5	17.6	18.4	17.5	17.7
	4BC	20.0	22.7	21.6	21.3	21.0	19.3	18.1	18.3	20.5	21.3	20.3	20.6
	4BD	18.1	20.5	19.4	19.2	19.0	17.2	16.1	16.3	18.3	19.1	18.2	18.4
	4BE	19.4	21.8	20.7	20.4	20.2	18.5	17.3	17.6	19.5	20.3	19.5	19.6
	4BF	21.3	23.6	22.5	22.3	22.1	20.3	19.2	19.4	21.3	22.2	21.3	21.5
	4BG	22.3	24.7	23.6	23.3	23.1	21.3	20.1	20.4	22.4	23.3	22.5	22.6
	4CA	16.0	18.1	17.1	16.9	16.7	14.9	13.9	14.1	15.9	16.7	15.9	16.0
	4CB	18.0	20.1	19.1	18.9	18.8	16.9	15.9	16.1	17.9	18.7	17.9	18.0
	4CC	21.5	23.8	22.7	22.5	22.2	20.4	19.3	19.5	21.5	22.4	21.6	21.7
	4DA	19.6	22.4	21.2	20.9	20.6	18.9	17.6	17.9	20.2	21.0	20.0	20.3
	4DB	17.7	20.6	19.4	19.0	18.8	17.1	15.8	16.0	18.4	19.2	18.1	18.5
	4DC	17.1	20.0	18.9	18.5	18.2	16.5	15.2	15.5	17.8	18.6	17.6	17.9
	4DD	22.3	25.0	23.9	23.5	23.3	21.5	20.2	20.5	22.8	23.6	22.7	22.9
	4DE	22.6	25.0	23.9	23.6	23.4	21.6	20.4	20.7	22.7	23.7	22.9	22.9
	4EA	20.5	23.1	22.1	21.7	21.4	19.7	18.5	18.8	20.9	21.7	20.8	20.9
	4EB	19.1	21.8	20.8	20.4	20.1	18.4	17.2	17.4	19.7	20.5	19.5	19.7
	4EC	22.0	24.8	23.7	23.3	23.0	21.3	20.0	20.3	22.6	23.4	22.5	22.7
	4ED	23.4	25.6	24.7	24.4	24.1	22.3	21.2	21.4	23.5	24.5	23.7	23.7
	4FA	21.6	24.0	23.0	22.6	22.4	20.6	19.5	19.8	21.8	22.7	21.8	21.8
	4FB	25.3	27.4	26.6	26.1	25.9	24.2	23.1	23.4	25.4	26.3	25.4	25.4
	4GA	26.6	28.4	27.8	27.3	27.1	25.4	24.4	24.7	26.6	27.5	26.4	26.5
	4GB	27.5	29.2	28.8	28.3	28.1	26.4	25.3	25.7	27.5	28.4	27.4	27.5
	4GC	28.1	30.1	29.4	28.9	28.5	27.1	26.2	26.6	28.1	28.9	28.2	28.5
	4GD	27.4	29.5	28.8	28.4	28.0	26.5	25.5	25.8	27.4	28.3	27.9	27.9
	4GE	26.9	29.0	28.1	27.9	27.5	25.8	24.8	25.0	26.8	27.8	27.5	27.3
	4GF	27.2	29.2	28.3	28.1	27.6	26.0	25.1	25.3	26.9	27.9	27.9	27.6
	4GG	28.6	30.5	29.8	29.5	28.8	27.5	26.8	26.9	28.1	28.9	29.4	29.4
	4HA	24.5	26.3	25.4	25.2	24.9	23.1	22.1	22.3	24.1	25.4	25.0	24.5
	4HB	27.4	29.3	28.4	28.1	27.7	26.1	25.2	25.3	26.9	28.1	28.1	27.7
	4HC	27.9	29.6	28.6	28.3	27.9	26.3	25.5	25.5	26.9	28.1	28.4	27.9
	4JA	28.6	30.4	29.8	29.2	28.8	27.5	26.6	27.0	28.3	29.0	28.7	28.8
	4JB	29.0	30.6	30.1	29.6	28.9	27.8	27.1	27.3	28.2	28.9	29.3	29.5
	4KA	28.7	30.5	29.9	29.4	28.8	27.6	26.9	27.1	28.2	28.9	29.1	29.3
	4KB	28.5	30.4	29.8	29.4	28.7	27.5	26.8	27.0	28.1	28.8	29.2	29.3
ENNCA	5AA	16.2	18.4	17.5	17.2	17.1	15.4	14.4	14.6	16.3	17.1	16.3	16.5
	5AB	16.5	18.7	17.7	17.5	17.3	15.7	14.6	14.8	16.6	17.3	16.6	16.7
	5AC	18.5	20.5	19.7	19.4	19.3	17.7	16.7	16.9	18.6	19.3	18.6	18.7
	5AD	18.5	20.7	19.8	19.5	19.4	17.7	16.6	16.9	18.6	19.4	18.7	18.8
	5BA	17.0	19.4	18.4	18.1	17.9	16.2	15.1	15.3	17.2	18.0	17.2	17.4
	5BB	15.2	17.5	16.5	16.2	16.1	14.4	13.3	13.5	15.4	16.1	15.3	15.5
	5BC-1	16.8	19.1	18.1	17.8	17.6	15.9	14.8	15.1	17.0	17.7	16.9	17.1
	5BC-2	19.2	21.4	20.5	20.2	20.0	18.4	17.3	17.5	19.3	20.1	19.3	19.4
	5BD	17.5	19.7	18.8	18.5	18.3	16.6	15.6	15.8	17.6	18.4	17.6	17.7
	5BE	15.7	18.1	17.1	16.8	16.6	14.9	13.7	14.0	15.9	16.7	15.9	16.0
	5CA	18.2	20.1	19.4	19.0	18.9	17.4	16.4	16.6	18.2	18.8	18.2	18.3
	5CB	21.4	23.1	22.6	22.1	22.0	20.5	19.6	19.9	21.4	21.9	21.0	21.3
	5CC	21.3	22.9	22.2	21.6	21.5	20.1	19.1	19.5	21.0	21.4	20.8	21.0
	5DA	20.7	22.8	22.0	21.7	21.5	19.8	18.7	19.0	20.9	21.6	20.8	20.8
	5DB	19.4	21.5	20.7	20.4	20.2	18.5	17.4	17.7	19.5	20.3	19.5	19.6
	5DC	19.3	21.3	20.6	20.3	20.1	18.5	17.5	17.7	19.4	20.1	19.4	19.5
	5DD	22.5	24.4	23.8	23.4	23.3	21.8	20.7	21.0	22.6	23.2	22.4	22.5
	5EA	28.6	29.2	29.0	28.0	27.8	26.6	25.7	26.4	27.6	28.1	26.8	27.5
	5EB	28.0	28.9	28.3	27.3	27.1	25.9	24.9	25.7	27.0	27.4	26.4	26.9
	5EC	26.9	28.2	27.7	26.8	26.6	25.3	24.4	25.0	26.4	26.8	25.9	26.2
	5ED	27.0	28.4	28.0	27.2	27.0	25.5	24.5	25.1	26.6	27.2	26.2	26.4
	5FA	28.6	29.9	29.6	28.9	28.6	27.2	26.3	26.8	28.2	28.8	28.0	28.2
	5FB	29.4	30.3	30.2	29.2	28.9	27.8	26.9	27.5	28.6	29.1	28.2	28.6
	5G	27.2	28.1	27.6	26.6	26.3	25.1	24.1	24.9	26.1	26.6	25.6	26.3
	5HA	28.0	29.1	28.5	27.6	27.2	26.0	25.0	25.7	26.9	27.5	26.6	27.3
	5HB	26.7	27.9	27.2	26.2	25.8	24.7	23.6	24.4	25.6	26.2	25.4	26.1
	5J	26.4	27.7	27.0	26.1	25.9	24.8	23.7	24.4	25.7	26.1	25.4	25.8

Monthly Temperature by Sub-basin

Year 2031 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.2	22.6	22.9	21.8	21.8	21.4	20.0	20.9	21.3	20.9	21.0	21.2
	1AB	18.2	19.6	20.0	18.8	18.9	18.4	17.1	17.9	18.3	17.9	18.0	18.2
	1AC	21.7	23.0	23.4	22.2	22.3	21.8	20.5	21.3	21.7	21.3	21.5	21.7
	1AD	23.3	24.6	25.0	23.8	23.8	23.4	22.1	22.9	23.4	22.9	23.2	23.3
	1AE	23.9	25.3	25.6	24.5	24.5	24.0	22.7	23.6	24.1	23.6	23.9	24.0
	1AF	23.3	24.6	24.9	23.8	23.8	23.3	22.1	22.9	23.3	22.9	23.1	23.3
	1AG	23.4	24.7	25.0	23.9	23.9	23.5	22.2	23.0	23.5	23.0	23.3	23.5
	1AH	23.8	25.1	25.5	24.3	24.3	23.8	22.6	23.5	23.9	23.5	23.7	23.9
	1BA	16.9	18.2	18.6	17.4	17.6	17.0	15.8	16.5	16.9	16.6	16.6	16.9
	1BB	17.6	19.1	19.4	18.3	18.5	17.9	16.5	17.4	17.8	17.4	17.4	17.6
	1BC	18.6	20.1	20.4	19.3	19.5	18.9	17.6	18.4	18.7	18.4	18.3	18.5
	1BD	19.2	20.6	21.0	19.8	20.0	19.4	18.1	18.9	19.3	18.9	19.0	19.1
	1BE	18.9	20.4	20.7	19.5	19.8	19.2	17.9	18.6	18.9	18.6	18.5	18.7
	1BG	18.9	20.4	20.7	19.5	19.7	19.1	17.9	18.5	18.9	18.6	18.5	18.7
	1BH	18.5	19.9	20.2	19.0	19.2	18.7	17.4	18.1	18.5	18.2	18.2	18.4
	1CA	18.1	19.2	19.6	18.4	18.5	18.0	17.0	17.5	17.9	17.7	17.7	18.0
	1CB	17.9	19.0	19.4	18.2	18.2	17.7	16.7	17.2	17.7	17.4	17.5	17.8
	1CC	17.2	18.2	18.6	17.4	17.4	16.9	15.8	16.4	16.9	16.7	16.8	17.0
	1CD	19.0	20.1	20.5	19.3	19.3	18.9	17.8	18.3	18.8	18.5	18.6	18.9
	1CE	20.2	21.5	21.9	20.7	20.8	20.3	19.1	19.8	20.2	19.8	20.0	20.1
	1DA	21.3	22.5	22.9	21.8	21.8	21.4	20.1	20.8	21.2	20.8	21.1	21.3
	1DB	18.7	20.0	20.4	19.2	19.3	18.8	17.5	18.3	18.7	18.3	18.4	18.6
	1DC	22.2	23.4	23.8	22.7	22.6	22.2	21.0	21.7	22.1	21.7	22.0	22.2
	1DD	22.7	23.9	24.3	23.2	23.1	22.7	21.5	22.2	22.7	22.2	22.5	22.7
	1EA	20.5	21.4	21.9	20.8	20.7	20.3	19.2	19.7	20.2	19.8	20.1	20.4
	1EB	22.1	23.0	23.4	22.4	22.2	21.9	20.8	21.2	21.7	21.3	21.7	22.0
	1EC	22.0	23.1	23.5	22.4	22.3	21.9	20.8	21.4	21.8	21.4	21.8	22.0
	1ED	23.1	24.1	24.5	23.4	23.3	22.9	21.8	22.5	22.9	22.5	22.8	23.0
	1EE	23.7	24.9	25.3	24.1	24.1	23.7	22.4	23.3	23.7	23.3	23.6	23.7
	1EF	23.9	25.2	25.5	24.4	24.4	23.9	22.6	23.5	24.0	23.6	23.8	24.0
	1EG	23.3	24.3	24.7	23.5	23.5	23.0	22.0	22.7	23.1	22.7	23.0	23.3
	1FA	16.8	17.8	18.3	17.1	17.1	16.5	15.5	16.1	16.6	16.4	16.5	16.7
	1FB	19.0	20.0	20.4	19.2	19.2	18.7	17.7	18.3	18.7	18.4	18.6	18.8
	1FC	19.4	20.3	20.8	19.6	19.5	19.0	18.0	18.6	19.1	18.8	19.0	19.2
	1FD	18.6	19.6	20.0	18.8	18.8	18.2	17.2	17.9	18.4	18.1	18.2	18.4
	1FE	21.3	22.3	22.7	21.5	21.4	21.0	20.0	20.6	21.1	20.6	21.0	21.2
	1FF	22.1	23.0	23.4	22.2	22.1	21.7	20.7	21.4	21.9	21.4	21.8	22.0
	1FG	23.7	24.7	25.1	23.9	23.8	23.3	22.3	23.0	23.5	23.1	23.4	23.6
LVSCA	1GA	17.3	18.2	18.7	17.5	17.5	16.9	15.9	16.5	17.0	16.8	16.9	17.1
	1GB	20.5	21.4	21.9	20.7	20.6	20.1	19.1	19.8	20.3	20.0	20.2	20.3
	1GC	17.5	18.5	18.9	17.7	17.7	17.1	16.1	16.7	17.3	17.1	17.2	17.3
	1GD	22.2	23.2	23.6	22.4	22.4	21.8	20.8	21.6	22.1	21.8	22.0	22.1
	1GE	22.1	23.0	23.4	22.2	22.2	21.6	20.6	21.4	21.9	21.6	21.8	21.9
	1GF	23.2	24.2	24.6	23.3	23.3	22.7	21.8	22.7	23.1	22.7	23.0	23.1
	1GG	17.8	18.7	19.2	18.0	18.0	17.4	16.4	17.0	17.6	17.4	17.4	17.6
	1HA1	22.1	23.0	23.4	22.1	22.0	21.5	20.6	21.5	22.0	21.4	21.8	22.0
	1HA2	24.4	25.3	25.7	24.4	24.3	23.8	22.9	23.9	24.3	23.8	24.1	24.3
	1HB1	23.9	24.8	25.3	24.0	23.9	23.4	22.5	23.3	23.8	23.3	23.6	23.8
	1HB2	23.6	24.5	24.9	23.6	23.5	23.0	22.2	23.2	23.6	23.0	23.4	23.6
	1HC	24.2	25.1	25.5	24.3	24.3	23.7	22.7	23.5	24.0	23.6	23.9	24.0
	1HD	22.7	23.6	24.0	22.8	22.7	22.2	21.2	22.1	22.6	22.2	22.4	22.6
	1HE	22.9	23.8	24.3	23.0	23.0	22.4	21.4	22.2	22.7	22.4	22.6	22.8
	1HF	23.5	24.5	24.9	23.7	23.6	23.0	22.0	22.7	23.3	23.0	23.2	23.4
	1HG	23.3	24.3	24.8	23.6	23.5	22.9	21.9	22.5	23.1	22.9	23.1	23.2
	1JA	17.1	18.1	18.5	17.4	17.3	16.7	15.6	16.3	16.9	16.8	16.8	16.9
	1JB	19.0	20.0	20.4	19.3	19.2	18.6	17.6	18.3	18.9	18.7	18.8	18.9
	1JC	18.0	18.9	19.4	18.2	18.2	17.6	16.5	17.3	17.8	17.6	17.7	17.8
	1JD	20.2	21.1	21.6	20.4	20.3	19.7	18.7	19.5	20.0	19.7	19.9	20.0
	1JE	19.3	20.3	20.8	19.6	19.6	18.9	17.9	18.5	19.1	19.0	19.1	19.2
	1JF	18.7	19.6	20.1	18.9	18.9	18.3	17.2	17.9	18.5	18.3	18.4	18.5
	1JG1	21.6	22.6	23.0	21.8	21.7	21.2	20.2	21.0	21.5	21.2	21.4	21.5
	1JG2	23.6	24.5	24.9	23.6	23.6	23.0	22.1	23.0	23.5	23.1	23.3	23.5
	1KA	22.0	23.0	23.4	22.2	22.1	21.5	20.5	21.3	21.8	21.6	21.8	21.9
	1KB	21.9	22.9	23.4	22.2	22.1	21.5	20.5	21.1	21.7	21.5	21.7	21.8
	1KC	21.1	22.0	22.5	21.4	21.3	20.6	19.6	20.2	20.8	20.8	20.9	21.0
	1LA1	17.4	18.4	18.9	17.8	17.7	17.0	16.0	16.6	17.2	17.2	17.2	17.3
	1LA2	20.6	21.6	22.1	21.0	20.9	20.2	19.1	19.7	20.3	20.4	20.4	20.5
	1LA3	19.4	20.1	20.7	19.8	19.6	18.7	17.8	17.9	18.8	19.5	19.2	19.2
	1LB1	17.7	18.6	19.1	18.0	17.9	17.2	16.2	16.7	17.4	17.5	17.4	17.5
	1LB2	19.6	20.3	20.9	19.9	19.7	18.9	18.0	18.2	19.0	19.6	19.3	19.4

Monthly Temperature by Sub-basin

Year 2031 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.3	29.7	29.5	28.8	28.6	27.8	25.4	27.2	28.0	28.1	27.9	27.9
	2AB	27.6	30.1	30.0	29.4	29.4	28.7	26.2	27.9	28.8	28.7	28.5	28.3
	2BA	19.1	20.8	21.1	20.0	20.2	19.6	18.1	19.1	19.5	19.2	19.2	19.2
	2BB	23.6	25.5	25.8	24.7	24.9	24.4	22.7	23.9	24.4	24.0	24.0	24.0
	2BC	22.0	23.7	24.0	22.9	23.1	22.6	21.0	22.1	22.5	22.1	22.1	22.2
	2BD	26.1	28.6	28.6	28.1	28.3	27.7	25.1	27.1	27.7	27.3	27.3	26.9
	2CA	27.6	30.4	30.3	29.9	30.1	29.5	26.6	28.9	29.5	29.2	29.1	28.6
	2CB	21.3	22.4	22.8	21.6	21.7	21.1	20.1	20.6	21.1	21.0	20.9	21.2
	2CC	25.8	27.9	28.1	27.2	27.4	26.8	24.7	26.3	26.8	26.4	26.5	26.3
	2D	24.5	26.0	26.4	25.4	25.5	24.8	23.3	24.3	24.8	24.8	24.6	24.7
	2EA	20.0	21.0	21.5	20.4	20.4	19.6	18.6	19.1	19.7	19.9	19.6	19.8
	2EB	19.6	20.6	21.1	20.0	20.0	19.2	18.2	18.8	19.4	19.5	19.3	19.4
	2EC	18.9	19.8	20.3	19.2	19.2	18.5	17.4	18.0	18.6	18.7	18.5	18.7
	2ED	16.7	17.7	18.2	17.0	17.0	16.4	15.3	15.9	16.5	16.4	16.4	16.5
	2EE	22.0	23.0	23.5	22.3	22.4	21.7	20.7	21.2	21.8	21.7	21.7	21.8
	2EF	19.3	20.3	20.8	19.6	19.6	18.9	17.9	18.5	19.1	19.0	19.0	19.1
	2EG1	15.7	16.7	17.2	16.0	16.0	15.3	14.3	14.9	15.5	15.5	15.4	15.5
	2EG2	21.8	22.8	23.2	22.1	22.1	21.4	20.4	20.9	21.5	21.5	21.4	21.6
	2EH	22.9	23.9	24.4	23.2	23.3	22.6	21.6	22.1	22.6	22.6	22.5	22.7
	2EJ	21.3	22.3	22.8	21.6	21.6	20.9	20.0	20.4	21.0	21.1	20.9	21.1
	2EK	19.5	20.5	21.0	19.9	19.9	19.1	18.1	18.6	19.2	19.3	19.1	19.3
	2FA	18.0	18.5	19.2	18.3	18.1	17.2	16.5	16.3	17.2	18.1	17.6	17.7
	2FB	18.4	19.4	19.9	18.9	18.8	18.0	17.0	17.5	18.2	18.4	18.1	18.3
	2FC	17.3	18.0	18.6	17.6	17.5	16.6	15.8	15.9	16.7	17.3	17.0	17.0
	2GA	17.4	18.0	18.7	17.8	17.6	16.6	15.9	15.7	16.7	17.6	17.1	17.1
	2GB	15.5	16.1	16.8	15.9	15.7	14.7	14.0	13.8	14.8	15.7	15.2	15.2
	2GC	14.6	15.1	15.9	15.0	14.8	13.7	13.0	12.7	13.8	14.9	14.2	14.2
	2GD	16.9	17.5	18.3	17.4	17.1	16.1	15.4	15.1	16.2	17.2	16.6	16.6
	2H-1	21.8	22.5	23.3	22.4	22.1	21.0	20.0	19.9	21.0	22.3	21.7	21.6
	2H-2	22.3	22.9	23.8	23.0	22.6	21.5	20.3	20.2	21.4	23.0	22.3	22.0
	2H-3	21.7	22.4	23.3	22.5	22.0	20.8	19.6	19.4	20.7	22.5	21.8	21.5
	2J	27.0	29.3	29.2	28.5	28.5	27.9	25.6	27.2	28.0	27.7	27.7	27.5
	2KA	18.0	18.6	19.3	18.3	18.1	17.2	16.4	16.4	17.3	18.1	17.7	17.7
	2KB	20.4	21.1	21.8	20.9	20.7	19.7	18.8	18.7	19.7	20.8	20.3	20.2
	2KC	23.5	24.1	24.9	24.0	23.7	22.7	21.6	21.6	22.7	23.9	23.3	23.2
ACA	3AA	19.5	20.2	21.1	20.3	20.0	18.8	17.4	17.4	18.7	20.4	19.6	19.3
	3AB	19.8	20.6	21.6	20.9	20.4	19.2	17.7	17.5	18.9	21.0	20.1	19.7
	3AC	20.4	21.3	22.3	21.5	21.1	19.9	18.4	18.2	19.6	21.6	20.7	20.4
	3BA	19.4	20.1	21.0	20.2	19.9	18.8	17.5	17.4	18.7	20.2	19.4	19.2
	3BB	19.5	20.2	21.1	20.3	20.0	18.9	17.6	17.5	18.8	20.3	19.5	19.3
	3BC	18.2	18.8	19.7	18.9	18.6	17.5	16.4	16.2	17.4	18.9	18.1	18.0
	3BD	19.0	19.7	20.6	19.8	19.5	18.4	17.3	17.1	18.3	19.8	19.0	18.8
	3CB	19.9	20.5	21.4	20.6	20.3	19.2	18.0	17.8	19.1	20.7	19.8	19.7
	3DA	21.9	22.6	23.6	22.9	22.4	21.2	19.8	19.6	21.0	23.0	22.0	21.7
	3DB	23.1	23.8	24.7	24.1	23.5	22.3	20.9	20.7	22.0	24.1	23.2	22.7
	3EA	20.0	21.0	22.1	21.3	20.8	19.6	18.0	17.8	19.3	21.4	20.5	20.1
	3EB	21.2	22.1	23.2	22.4	21.9	20.7	19.2	19.0	20.4	22.5	21.6	21.1
	3EC	21.1	21.9	23.0	22.2	21.7	20.5	18.9	18.7	20.2	22.3	21.3	20.9
	3ED	23.5	24.1	25.1	24.5	23.8	22.6	21.3	20.9	22.3	24.5	23.5	23.0
	3FA	22.6	23.1	24.1	23.5	22.7	21.5	20.3	19.9	21.3	23.4	22.5	22.0
	3FB	25.7	25.8	26.6	26.3	24.9	23.8	22.9	22.3	23.6	25.7	25.1	24.5
	3G	24.8	24.8	25.5	25.3	23.7	22.6	21.8	21.2	22.4	24.6	24.2	23.5
	3HA	27.8	27.8	28.3	28.1	26.2	25.1	24.4	23.8	25.0	27.2	27.1	26.2
	3HB	29.4	29.4	30.1	29.9	28.0	27.0	26.1	25.6	26.8	28.9	28.3	27.7
	3HC	29.8	29.8	30.6	30.6	28.7	27.7	26.7	26.3	27.5	29.5	28.7	28.3
	3HD1	29.8	29.9	30.6	30.6	28.7	27.8	26.8	26.4	27.5	29.5	28.5	28.3
	3HD2	30.1	30.1	30.9	31.0	29.0	28.1	27.1	26.7	27.8	29.8	29.0	28.7
	3J	25.6	25.5	26.2	25.9	24.2	23.2	22.4	21.8	23.0	25.2	24.7	24.1
	3K	29.9	29.8	30.6	30.4	28.6	27.5	26.7	26.2	27.4	29.4	28.0	27.9
	3LA	28.8	28.8	29.4	29.3	27.3	26.3	25.4	24.9	26.1	28.2	27.6	27.0
	3LB	30.0	30.0	30.8	30.8	28.8	27.9	26.9	26.5	27.6	29.6	28.5	28.3
	3MA-1	26.7	26.6	27.2	27.0	25.1	24.0	23.3	22.7	23.9	26.1	25.6	25.0
	3MA-2	28.6	28.5	29.2	29.0	27.1	26.0	25.3	24.7	25.9	28.0	27.1	26.7
	3MB	29.5	29.5	30.2	30.1	28.2	27.1	26.2	25.8	27.0	29.1	27.5	27.4
	3MC	29.4	29.4	30.1	30.0	28.1	27.0	26.2	25.7	26.9	29.0	27.3	27.3
	3MD1	30.0	30.0	30.7	30.6	28.7	27.7	26.8	26.3	27.5	29.5	27.7	27.8
	3MD2	30.4	30.3	31.1	31.0	29.1	28.1	27.2	26.7	27.9	29.9	27.7	28.0
	3N	22.2	22.6	23.5	22.9	22.0	20.9	19.8	19.5	20.8	22.7	21.8	21.5

Monthly Temperature by Sub-basin

Year 2031 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	16.5	16.9	17.7	17.0	16.7	15.5	15.0	14.4	15.6	17.1	16.1	16.1
	4AB	17.1	17.5	18.3	17.5	17.3	16.2	15.6	15.1	16.2	17.5	16.7	16.7
	4AC	16.7	17.2	18.0	17.2	17.0	15.8	15.2	14.7	15.9	17.2	16.3	16.3
	4AD	16.9	17.4	18.2	17.4	17.2	16.0	15.4	14.9	16.1	17.5	16.6	16.6
	4BA	21.1	21.6	22.4	21.7	21.4	20.2	19.6	19.0	20.3	21.8	20.8	20.8
	4BB	18.3	18.7	19.5	18.9	18.6	17.3	16.8	16.2	17.4	19.0	17.9	17.9
	4BC	21.2	21.6	22.4	21.8	21.5	20.2	19.6	19.0	20.3	22.0	20.7	20.8
	4BD	19.0	19.5	20.3	19.6	19.3	18.1	17.4	16.9	18.1	19.6	18.7	18.6
	4BE	20.2	20.7	21.6	20.8	20.6	19.4	18.5	18.1	19.4	20.9	19.9	19.9
	4BF	22.0	22.5	23.4	22.7	22.4	21.2	20.2	19.9	21.1	22.8	21.7	21.6
	4BG	23.2	23.7	24.5	23.9	23.5	22.2	21.1	20.8	22.2	24.0	22.9	22.7
	4CA	16.6	17.2	18.0	17.2	16.9	15.8	14.9	14.6	15.8	17.2	16.4	16.3
	4CB	18.5	19.1	20.0	19.2	18.9	17.8	16.9	16.6	17.8	19.2	18.4	18.3
	4CC	22.1	22.7	23.6	22.9	22.5	21.3	20.1	19.9	21.2	23.0	22.1	21.8
	4DA	20.9	21.2	22.0	21.4	21.1	19.8	19.2	18.6	19.9	21.6	20.4	20.4
	4DB	19.1	19.4	20.2	19.6	19.3	17.9	17.4	16.8	18.1	19.8	18.5	18.6
	4DC	18.5	18.8	19.6	19.1	18.8	17.4	16.9	16.2	17.5	19.3	17.9	18.0
	4DD	23.6	23.9	24.7	24.2	23.8	22.4	21.6	21.1	22.5	24.3	23.1	23.0
	4DE	23.4	24.0	24.9	24.2	23.7	22.5	21.3	21.1	22.4	24.3	23.3	23.0
	4EA	21.8	22.2	23.0	22.3	22.0	20.6	20.1	19.4	20.7	22.4	21.2	21.3
	4EB	20.4	20.8	21.6	21.0	20.6	19.3	18.8	18.1	19.4	21.1	19.9	19.9
	4EC	23.4	23.7	24.5	24.0	23.6	22.2	21.5	21.0	22.3	24.1	22.9	22.8
	4ED	24.3	24.7	25.6	25.0	24.4	23.1	22.0	21.7	23.1	25.0	24.0	23.8
	4FA	22.7	23.1	23.9	23.3	22.9	21.6	20.9	20.3	21.5	23.3	22.1	22.2
	4FB	26.1	26.8	27.6	26.9	26.4	25.0	23.8	23.7	25.0	26.9	25.8	25.7
	4GA	27.2	28.0	28.7	28.1	27.3	26.0	24.6	24.6	26.0	27.9	26.9	26.9
	4GB	28.1	28.7	29.5	29.1	28.1	26.9	25.4	25.5	26.7	28.7	27.8	27.7
	4GC	29.1	29.6	30.3	30.1	29.0	27.9	26.4	26.3	27.5	29.5	28.7	28.6
	4GD	28.5	28.9	29.6	29.4	28.3	27.2	25.8	25.6	26.9	28.8	28.1	27.9
	4GE	27.8	28.1	28.9	28.7	27.5	26.4	25.2	24.8	26.1	28.2	27.5	27.0
	4GF	28.1	28.3	29.1	29.0	27.5	26.5	25.4	25.0	26.2	28.3	27.6	27.1
	4GG	29.6	29.7	30.5	30.7	28.6	27.9	26.8	26.4	27.5	29.4	28.9	28.5
	4HA	25.1	25.4	26.3	25.9	24.9	23.7	22.6	22.2	23.5	25.6	24.8	24.3
	4HB	28.3	28.4	29.3	29.1	27.6	26.6	25.5	25.1	26.3	28.4	27.7	27.1
	4HC	28.7	28.8	29.5	29.4	27.6	26.6	25.7	25.2	26.4	28.5	27.9	27.3
	4JA	29.5	30.1	30.7	30.5	29.1	28.1	26.7	26.6	27.7	29.6	29.1	29.0
	4JB	29.7	30.1	30.7	30.9	28.9	28.1	26.9	26.7	27.7	29.5	29.2	28.9
	4KA	29.5	30.0	30.6	30.8	28.8	28.0	26.8	26.6	27.6	29.4	29.1	28.8
	4KB	29.5	29.8	30.5	30.7	28.7	27.9	26.8	26.5	27.5	29.3	29.0	28.7
ENNCA	5AA	17.3	18.1	18.7	17.7	17.6	16.7	15.9	16.1	16.9	17.3	16.9	17.0
	5AB	17.5	18.1	18.8	17.8	17.7	16.7	16.1	15.8	16.7	17.6	17.0	17.2
	5AC	19.5	20.4	21.0	19.9	19.9	19.0	18.1	18.4	19.1	19.5	19.1	19.2
	5AD	19.6	20.0	20.7	19.8	19.7	18.7	18.2	17.6	18.5	19.6	18.9	19.1
	5BA	18.1	18.6	19.3	18.5	18.3	17.2	16.6	16.1	17.2	18.5	17.7	17.7
	5BB	16.2	16.7	17.5	16.6	16.4	15.3	14.8	14.3	15.4	16.6	15.9	15.9
	5BC-1	17.9	18.3	19.0	18.2	18.0	16.9	16.4	15.8	16.9	18.1	17.3	17.4
	5BC-2	20.2	20.6	21.3	20.5	20.3	19.3	18.8	18.1	19.1	20.3	19.5	19.7
	5BD	18.5	19.0	19.7	18.8	18.6	17.6	17.1	16.5	17.5	18.6	17.9	18.1
	5BE	16.8	17.2	18.0	17.1	17.0	15.8	15.3	14.6	15.7	17.1	16.1	16.3
	5CA	19.1	20.2	20.7	19.6	19.6	18.9	18.0	18.4	18.9	19.2	18.8	19.0
	5CB	22.2	23.4	23.9	23.1	23.1	22.2	21.0	21.5	22.2	22.6	22.1	22.1
	5CC	22.1	23.5	23.8	23.1	23.1	22.2	20.8	21.6	22.2	22.5	22.1	22.1
	5DA	21.6	22.1	22.8	22.0	21.8	20.7	20.2	19.5	20.6	21.9	21.0	21.1
	5DB	20.4	20.8	21.6	20.7	20.5	19.5	19.0	18.3	19.3	20.5	19.7	19.8
	5DC	20.3	21.0	21.6	20.7	20.6	19.6	18.9	18.8	19.6	20.3	19.7	19.9
	5DD	23.4	23.8	24.5	23.6	23.5	22.5	22.0	21.4	22.3	23.3	22.6	22.8
	5EA	28.9	30.5	30.4	29.6	28.5	27.2	25.6	26.0	27.3	29.0	28.4	28.9
	5EB	28.4	30.1	29.8	29.0	27.9	26.6	25.0	25.6	27.0	28.4	27.8	28.5
	5EC	27.5	29.2	29.2	28.4	27.6	26.4	24.8	25.5	26.8	28.0	27.3	27.7
	5ED	27.5	28.6	29.0	28.2	27.4	26.1	24.9	24.8	26.2	27.9	27.0	27.3
	5FA	29.1	30.2	30.6	30.1	29.0	27.7	26.1	26.4	27.7	29.5	28.7	28.9
	5FB	29.8	31.0	31.2	30.7	29.4	28.2	26.7	26.9	28.2	29.8	29.3	29.7
	5G	27.7	29.4	29.1	28.3	27.2	25.9	24.1	24.8	26.3	27.8	27.1	27.8
	5HA	28.5	30.3	30.1	29.3	28.2	26.9	25.0	25.8	27.1	28.8	28.1	28.7
	5HB	27.3	29.3	29.0	28.2	27.2	25.9	23.7	24.8	26.3	27.7	27.0	27.5
	5J	27.1	29.2	29.0	28.2	27.7	26.6	24.6	25.9	27.0	27.6	27.1	27.5

Monthly Temperature by Sub-basin

Year 2032 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	22.4	22.2	23.4	21.9	21.2	21.0	20.0	20.4	20.4	20.7	20.6	21.2
	1AB	19.4	19.2	20.5	19.0	18.3	18.0	17.0	17.5	17.5	17.8	17.7	18.2
	1AC	22.9	22.7	23.9	22.4	21.8	21.4	20.5	20.9	20.9	21.2	21.1	21.7
	1AD	24.5	24.2	25.5	24.0	23.3	23.0	22.0	22.5	22.5	22.8	22.7	23.3
	1AE	25.1	24.9	26.2	24.7	24.0	23.7	22.7	23.2	23.2	23.5	23.4	24.0
	1AF	24.5	24.2	25.5	24.0	23.3	23.0	22.0	22.5	22.5	22.8	22.7	23.3
	1AG	24.6	24.4	25.7	24.2	23.5	23.1	22.2	22.7	22.7	23.0	22.9	23.4
	1AH	25.0	24.8	26.0	24.5	23.8	23.5	22.5	23.0	23.1	23.4	23.2	23.8
	1BA	17.9	17.9	19.0	17.6	16.9	16.7	15.7	16.2	16.1	16.4	16.3	16.9
	1BB	18.7	18.6	19.8	18.4	17.7	17.5	16.5	16.9	16.9	17.2	17.0	17.6
	1BC	19.7	19.6	20.8	19.4	18.7	18.5	17.5	18.0	17.9	18.2	18.1	18.7
	1BD	20.3	20.2	21.4	20.0	19.3	19.0	18.0	18.5	18.5	18.8	18.7	19.2
	1BE	20.1	19.9	21.1	19.7	19.0	18.8	17.8	18.3	18.2	18.5	18.4	19.0
	1BG	20.1	19.9	21.2	19.7	19.0	18.7	17.8	18.2	18.2	18.5	18.4	19.0
	1BH	19.6	19.5	20.7	19.2	18.6	18.3	17.3	17.8	17.7	18.0	17.9	18.5
	1CA	19.2	19.1	20.2	18.9	18.2	17.9	16.9	17.4	17.4	17.7	17.5	18.1
	1CB	19.0	18.9	20.0	18.7	18.0	17.7	16.7	17.2	17.2	17.5	17.3	17.9
	1CC	18.2	18.1	19.3	17.9	17.2	17.0	16.0	16.5	16.4	16.8	16.6	17.2
	1CD	20.1	20.0	21.2	19.7	19.1	18.8	17.8	18.3	18.2	18.5	18.4	19.0
	1CE	21.4	21.2	22.4	20.9	20.3	20.0	19.0	19.5	19.4	19.7	19.6	20.2
	1DA	22.5	22.3	23.6	22.0	21.4	21.0	20.0	20.5	20.5	20.8	20.7	21.2
	1DB	19.8	19.6	20.9	19.4	18.7	18.4	17.4	17.9	17.9	18.2	18.1	18.7
	1DC	23.4	23.1	24.5	22.9	22.3	21.9	20.9	21.4	21.4	21.7	21.6	22.1
	1DD	23.9	23.6	25.0	23.4	22.7	22.4	21.4	21.9	21.9	22.2	22.1	22.6
	1EA	21.7	21.4	22.8	21.2	20.6	20.2	19.2	19.7	19.7	19.9	19.9	20.4
	1EB	23.3	23.0	24.4	22.8	22.2	21.7	20.7	21.2	21.2	21.4	21.4	21.9
	1EC	23.2	22.9	24.3	22.7	22.1	21.7	20.7	21.2	21.2	21.4	21.4	21.9
	1ED	24.3	24.0	25.3	23.7	23.1	22.7	21.8	22.3	22.3	22.6	22.5	23.0
	1EE	24.9	24.7	25.9	24.4	23.7	23.3	22.4	22.9	22.9	23.2	23.1	23.7
	1EF	25.0	24.9	26.1	24.5	23.8	23.4	22.5	23.0	23.1	23.4	23.3	23.9
	1EG	24.5	24.3	25.6	23.9	23.3	22.9	21.9	22.5	22.5	22.8	22.7	23.3
	1FA	17.9	17.8	18.9	17.6	16.9	16.7	15.7	16.2	16.2	16.5	16.3	16.9
	1FB	20.1	19.9	21.2	19.7	19.0	18.7	17.8	18.3	18.3	18.5	18.4	19.0
	1FC	20.5	20.3	21.6	20.1	19.4	19.1	18.1	18.6	18.6	18.9	18.8	19.3
	1FD	19.7	19.6	20.7	19.3	18.6	18.4	17.4	17.9	17.9	18.2	18.0	18.6
	1FE	22.5	22.3	23.6	22.0	21.4	21.0	20.0	20.5	20.5	20.8	20.8	21.3
	1FF	23.3	23.0	24.4	22.6	22.0	21.6	20.7	21.2	21.3	21.6	21.5	22.0
	1FG	24.8	24.6	25.8	24.2	23.6	23.2	22.2	22.8	22.9	23.2	23.1	23.6
LVSCA	1GA	18.3	18.2	19.3	18.0	17.3	17.1	16.1	16.6	16.6	16.9	16.7	17.3
	1GB	21.6	21.5	22.6	21.2	20.5	20.3	19.3	19.8	19.8	20.1	19.9	20.5
	1GC	18.4	18.5	19.4	18.2	17.5	17.4	16.3	16.9	17.0	17.2	16.9	17.5
	1GD	23.3	23.2	24.3	22.8	22.2	22.0	21.0	21.6	21.7	21.9	21.6	22.2
	1GE	23.1	23.0	24.0	22.6	22.0	21.8	20.8	21.4	21.5	21.7	21.4	22.0
	1GF	24.2	24.1	25.2	23.7	23.0	22.7	21.8	22.4	22.5	22.8	22.6	23.2
	1GG	18.8	18.8	19.8	18.5	17.8	17.7	16.7	17.2	17.3	17.5	17.2	17.8
	1HA1	23.3	22.9	24.3	22.6	21.9	21.5	20.7	21.2	21.2	21.6	21.5	22.0
	1HA2	25.5	25.2	26.5	24.8	24.1	23.8	22.9	23.6	23.6	23.9	23.8	24.3
	1HB1	25.1	24.8	26.1	24.4	23.7	23.3	22.5	23.0	23.1	23.5	23.3	23.9
	1HB2	24.8	24.5	25.9	24.1	23.3	22.9	22.1	22.8	22.8	23.2	23.1	23.6
	1HC	25.3	25.1	26.3	24.7	24.0	23.6	22.7	23.3	23.4	23.7	23.6	24.1
	1HD	23.7	23.6	24.7	23.2	22.5	22.2	21.2	21.8	22.0	22.3	22.0	22.6
	1HE	23.9	23.8	24.9	23.4	22.7	22.3	21.4	22.0	22.1	22.5	22.2	22.8
	1HF	24.5	24.5	25.5	24.0	23.3	23.0	22.0	22.6	22.8	23.1	22.9	23.5
	1HG	24.4	24.3	25.4	23.9	23.2	22.8	21.8	22.4	22.6	22.9	22.8	23.3
	1JA	17.9	18.2	18.9	17.7	17.0	16.9	15.8	16.4	16.6	16.8	16.4	17.1
	1JB	20.0	20.1	21.0	19.7	19.1	19.0	17.9	18.6	18.8	18.8	18.5	19.1
	1JC	19.0	19.1	19.9	18.6	18.1	18.0	16.9	17.5	17.7	17.8	17.4	18.0
	1JD	21.2	21.2	22.1	20.8	20.2	20.1	19.0	19.7	19.8	19.9	19.6	20.2
	1JE	20.2	20.4	21.2	19.9	19.2	18.9	17.8	18.4	18.7	19.0	18.7	19.3
	1JF	19.5	19.7	20.5	19.3	18.6	18.4	17.3	17.9	18.1	18.4	18.0	18.6
	1JG1	22.6	22.6	23.6	22.1	21.5	21.2	20.2	20.9	21.0	21.2	21.0	21.6
	1JG2	24.6	24.4	25.6	24.0	23.3	23.0	22.1	22.7	22.8	23.1	22.9	23.5
	1KA	23.0	23.0	24.0	22.5	21.8	21.5	20.5	21.1	21.3	21.6	21.4	21.9
	1KB	22.9	23.0	23.9	22.5	21.8	21.4	20.4	21.0	21.2	21.6	21.3	21.9
	1KC	21.9	22.1	22.9	21.6	20.9	20.5	19.5	20.1	20.4	20.7	20.4	21.0
	1LA1	18.0	18.5	19.0	18.0	17.3	17.0	15.9	16.4	16.8	17.1	16.7	17.3
	1LA2	21.3	21.7	22.3	21.1	20.4	20.0	18.9	19.5	19.9	20.2	19.9	20.5
	1LA3	19.1	20.4	20.6	19.8	18.7	18.1	16.7	16.8	18.1	18.9	18.4	18.8
	1LB1	18.0	18.7	19.1	18.2	17.4	17.1	15.9	16.3	16.8	17.2	16.8	17.4
	1LB2	19.4	20.7	20.8	19.9	19.0	18.4	17.2	17.4	18.4	19.1	18.5	19.1

Monthly Temperature by Sub-basin

Year 2032 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.8	28.9	29.2	28.2	28.0	27.5	26.2	26.1	27.0	27.6	26.7	26.9
	2AB	28.6	29.6	30.0	29.0	29.1	28.6	27.3	27.3	28.1	28.6	27.8	27.9
	2BA	20.4	20.4	21.6	20.2	19.7	19.4	18.4	18.9	18.9	19.2	19.0	19.5
	2BB	24.9	25.2	26.2	25.1	24.6	24.3	23.3	23.7	23.8	24.1	23.8	24.3
	2BC	23.5	23.6	24.7	23.4	23.1	22.7	21.8	22.2	22.3	22.6	22.3	22.7
	2BD	27.4	28.2	28.9	28.0	28.1	27.7	26.6	26.8	27.3	27.6	26.9	27.2
	2CA	28.6	29.6	30.2	29.5	29.8	29.4	28.1	28.3	28.8	29.2	28.4	28.6
	2CB	22.3	22.3	23.3	22.1	21.4	21.2	20.2	20.6	20.6	20.9	20.7	21.3
	2CC	26.4	27.1	27.8	26.9	26.7	26.3	25.1	25.3	25.7	26.1	25.6	25.9
	2D	24.2	24.9	25.6	25.1	24.4	24.1	22.8	22.8	23.4	24.1	23.4	23.7
	2EA	19.5	20.4	20.8	20.6	19.5	19.4	18.1	18.1	18.4	19.2	18.7	19.4
	2EB	19.2	20.0	20.5	20.3	19.2	19.1	17.8	17.8	18.1	18.9	18.4	19.0
	2EC	18.6	19.5	19.8	19.5	18.5	18.2	17.0	17.1	17.5	18.2	17.7	18.3
	2ED	17.6	17.7	18.7	17.5	16.7	16.6	15.6	16.0	16.0	16.3	16.1	16.7
	2EE	22.6	22.8	23.8	22.8	22.0	21.8	20.7	21.1	21.1	21.5	21.3	21.9
	2EF	20.1	20.2	21.1	20.1	19.3	19.2	18.1	18.5	18.5	18.9	18.6	19.2
	2EG1	16.2	16.7	17.2	16.4	15.5	15.4	14.2	14.6	14.9	15.3	14.9	15.6
	2EG2	21.8	22.3	23.0	22.4	21.5	21.3	20.1	20.2	20.5	21.1	20.7	21.3
	2EH	23.6	23.7	24.7	23.7	22.8	22.7	21.6	22.0	22.0	22.4	22.2	22.8
	2EJ	20.6	21.3	22.1	21.8	20.7	20.5	19.2	19.1	19.8	20.6	19.9	20.4
	2EK	19.0	19.7	20.4	20.1	19.0	18.8	17.6	17.5	18.0	18.8	18.2	18.8
	2FA	17.3	18.3	18.8	18.5	17.4	16.9	15.6	15.5	16.3	17.3	16.6	17.2
	2FB	18.0	18.9	19.3	19.1	18.0	17.8	16.5	16.5	17.0	17.8	17.2	17.9
	2FC	16.9	17.8	18.2	17.8	16.8	16.5	15.2	15.3	15.9	16.7	16.1	16.7
	2GA	16.6	17.8	18.2	18.0	16.8	16.3	14.9	14.7	15.7	16.7	16.1	16.6
	2GB	14.8	15.9	16.4	16.2	15.0	14.5	13.1	12.8	13.9	14.9	14.3	14.7
	2GC	13.8	15.0	15.7	15.4	14.1	13.4	12.0	11.6	13.0	14.2	13.5	13.8
	2GD	16.2	17.7	18.1	17.5	16.2	15.5	14.1	13.8	15.4	16.5	15.8	16.2
	2H-1	21.4	22.9	23.5	22.7	21.2	20.4	19.0	18.6	20.5	21.8	21.1	21.3
	2H-2	22.0	23.5	24.2	23.4	21.8	21.1	19.7	19.1	21.2	22.5	21.8	21.9
	2H-3	21.4	23.0	23.8	22.9	21.3	20.5	19.1	18.6	20.6	22.0	21.3	21.3
	2J	27.9	28.8	29.3	28.2	28.2	27.7	26.5	26.5	27.3	27.7	27.0	27.2
	2KA	17.4	18.9	18.8	18.2	17.2	16.6	15.2	15.4	16.6	17.2	16.7	17.3
	2KB	19.8	21.5	21.7	21.0	19.7	18.9	17.5	17.3	19.0	20.0	19.4	19.8
	2KC	22.9	24.5	24.9	24.1	22.8	22.0	20.6	20.3	22.1	23.2	22.5	22.9
ACA	3AA	19.5	21.0	21.7	20.8	19.3	18.6	17.1	16.6	18.6	20.0	19.3	19.3
	3AB	19.8	21.4	22.3	21.4	19.7	18.9	17.5	17.1	19.1	20.5	19.8	19.7
	3AC	20.5	22.1	22.9	22.0	20.4	19.6	18.2	17.8	19.8	21.2	20.5	20.4
	3BA	19.3	20.8	21.5	20.6	19.1	18.4	16.9	16.4	18.4	19.8	19.0	19.1
	3BB	19.4	20.9	21.6	20.7	19.2	18.4	17.0	16.5	18.5	19.9	19.1	19.2
	3BC	18.0	19.5	20.2	19.3	17.8	17.0	15.6	15.1	17.1	18.4	17.7	17.8
	3BD	18.9	20.4	21.1	20.2	18.7	18.0	16.6	16.0	18.0	19.4	18.6	18.7
	3CB	19.7	21.2	22.0	21.1	19.6	18.8	17.4	16.9	18.9	20.2	19.5	19.5
	3DA	21.8	23.4	24.3	23.4	21.7	20.9	19.5	19.1	21.1	22.5	21.8	21.7
	3DB	22.9	24.7	25.5	24.6	22.9	22.0	20.6	20.3	22.2	23.7	23.0	22.7
	3EA	20.1	21.8	22.8	21.8	20.1	19.1	17.8	17.5	19.4	21.0	20.3	20.1
	3EB	21.1	22.9	23.8	22.9	21.2	20.2	18.8	18.6	20.5	22.0	21.3	21.1
	3EC	20.9	22.8	23.6	22.7	21.0	20.0	18.6	18.4	20.3	21.8	21.1	20.9
	3ED	23.2	25.2	25.9	25.0	23.3	22.3	20.9	20.7	22.6	24.1	23.3	23.1
	3FA	22.1	24.0	24.7	23.9	22.1	21.2	19.8	19.5	21.4	22.9	22.2	21.9
	3FB	24.7	26.7	27.1	26.5	24.7	23.7	22.3	22.1	23.8	25.2	24.8	24.5
	3G	23.6	25.4	25.7	25.3	23.4	22.5	21.1	20.8	22.4	23.9	23.7	23.4
	3HA	26.4	27.7	27.9	27.7	25.8	25.0	23.6	23.3	24.6	25.9	26.3	26.1
	3HB	27.3	28.2	28.6	28.6	26.7	26.0	24.6	24.4	25.5	26.6	27.3	27.3
	3HC	27.4	28.2	28.7	28.6	26.9	26.2	24.9	24.8	25.8	26.6	27.6	27.7
	3HD1	27.3	28.1	28.6	28.5	26.7	26.1	24.8	24.7	25.7	26.5	27.6	27.7
	3HD2	27.8	28.6	29.2	29.0	27.4	26.8	25.5	25.4	26.3	27.1	28.0	28.1
	3J	24.1	25.5	25.6	25.5	23.5	22.7	21.2	21.0	22.4	23.7	24.0	23.9
	3K	27.4	28.3	28.4	28.5	26.6	25.7	24.4	24.2	25.2	26.3	27.3	27.4
	3LA	26.6	27.5	27.8	27.8	25.9	25.2	23.8	23.6	24.7	25.8	26.7	26.7
	3LB	27.5	28.3	28.7	28.6	26.9	26.3	24.9	24.8	25.8	26.6	27.7	27.8
	3MA-1	24.8	26.0	26.1	26.1	24.1	23.3	22.0	21.7	22.9	24.1	24.7	24.7
	3MA-2	26.3	27.2	27.4	27.5	25.5	24.7	23.3	23.1	24.2	25.3	26.2	26.2
	3MB	27.0	27.8	28.0	28.0	26.1	25.3	23.9	23.7	24.8	25.8	26.8	27.0
	3MC	26.9	27.7	27.8	27.9	26.0	25.1	23.7	23.5	24.6	25.6	26.7	26.9
	3MD1	27.2	27.9	28.1	28.2	26.4	25.5	24.1	24.0	25.0	25.9	27.1	27.3
	3MD2	27.7	28.4	28.5	28.5	26.6	25.6	24.3	24.1	25.1	26.2	27.5	27.7
	3N	21.4	23.3	24.0	23.2	21.4	20.5	19.1	18.8	20.7	22.3	21.5	21.3

Monthly Temperature by Sub-basin

Year 2032 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.3	16.5	17.6	17.5	16.0	15.2	14.0	13.3	15.2	16.5	15.4	15.3
	4AB	16.0	17.2	18.2	18.1	16.7	15.9	14.5	13.9	15.7	17.0	16.0	16.0
	4AC	15.7	16.9	17.9	17.8	16.4	15.5	14.2	13.5	15.3	16.7	15.7	15.8
	4AD	16.0	17.3	18.2	18.0	16.6	15.7	14.3	13.7	15.6	16.9	16.0	16.0
	4BA	20.2	21.6	22.6	22.3	20.9	19.9	18.5	17.8	19.9	21.3	20.3	20.1
	4BB	17.2	18.4	19.6	19.4	17.9	17.0	15.7	15.0	17.1	18.4	17.3	17.1
	4BC	20.2	21.6	22.7	22.3	20.8	19.9	18.6	17.9	20.0	21.3	20.3	20.0
	4BD	18.3	19.6	20.5	20.1	18.7	17.8	16.3	15.7	17.7	19.1	18.2	18.1
	4BE	19.6	21.0	21.9	21.4	20.0	19.0	17.6	16.9	19.0	20.4	19.5	19.4
	4BF	21.5	23.1	23.9	23.3	21.7	20.9	19.5	18.9	21.0	22.3	21.5	21.3
	4BG	22.6	24.2	25.1	24.5	22.9	22.0	20.6	20.0	22.1	23.5	22.6	22.3
	4CA	16.1	17.5	18.3	17.7	16.2	15.4	14.0	13.4	15.4	16.7	15.9	16.1
	4CB	18.1	19.6	20.4	19.7	18.3	17.4	16.0	15.4	17.4	18.8	18.0	18.1
	4CC	21.8	23.4	24.3	23.4	21.8	21.0	19.6	19.1	21.1	22.5	21.7	21.5
	4DA	19.8	21.2	22.4	22.0	20.4	19.5	18.2	17.5	19.7	21.0	20.0	19.6
	4DB	17.9	19.2	20.6	20.2	18.5	17.8	16.4	15.7	17.9	19.1	18.1	17.7
	4DC	17.3	18.6	20.0	19.6	17.9	17.2	15.9	15.1	17.3	18.5	17.5	17.1
	4DD	22.3	23.8	25.1	24.6	22.9	22.0	20.8	20.1	22.4	23.6	22.6	22.2
	4DE	22.9	24.4	25.4	24.7	23.1	22.2	20.8	20.2	22.4	23.8	22.9	22.6
	4EA	20.0	21.1	22.5	22.3	20.7	20.0	18.9	18.3	20.3	21.4	20.3	19.9
	4EB	18.9	20.1	21.5	21.2	19.6	18.9	17.7	17.0	19.1	20.3	19.2	18.8
	4EC	22.0	23.4	24.8	24.3	22.6	21.8	20.6	19.9	22.2	23.3	22.3	21.9
	4ED	23.2	24.7	25.9	25.4	23.7	22.8	21.5	21.0	23.1	24.4	23.5	23.1
	4FA	20.8	21.9	23.2	23.1	21.5	20.9	19.8	19.2	21.2	22.3	21.1	20.7
	4FB	24.8	25.9	27.2	26.9	25.5	24.7	23.4	23.1	24.9	26.0	24.9	24.5
	4GA	26.2	27.3	28.5	28.3	26.9	26.0	24.6	24.6	26.1	27.3	26.3	25.8
	4GB	27.8	28.9	29.9	29.7	28.4	27.2	25.6	26.1	27.2	28.4	27.6	27.0
	4GC	29.6	30.7	31.5	31.2	29.9	28.6	26.7	28.2	28.4	29.5	29.0	28.4
	4GD	28.4	29.5	30.5	30.1	28.8	27.6	25.8	26.9	27.5	28.6	28.2	27.6
	4GE	27.2	28.7	29.6	29.2	27.7	26.6	25.0	25.6	26.6	27.8	27.3	26.8
	4GF	27.3	28.7	29.4	28.9	27.4	26.5	24.9	25.3	26.3	27.4	27.4	27.1
	4GG	27.8	28.6	29.2	29.1	27.5	26.9	25.7	25.6	26.4	27.3	28.0	28.0
	4HA	24.5	26.4	27.0	26.3	24.5	23.6	22.1	21.9	23.7	25.2	24.5	24.2
	4HB	27.2	28.7	29.2	28.8	27.1	26.3	24.8	24.8	26.1	27.2	27.5	27.2
	4HC	27.1	28.3	28.7	28.5	26.7	26.0	24.6	24.4	25.7	26.7	27.1	27.1
	4JA	29.6	30.6	31.3	30.9	29.7	28.5	26.9	27.9	28.2	29.2	29.0	28.5
	4JB	28.6	29.5	30.2	29.9	28.6	27.7	26.4	26.9	27.3	28.2	28.8	28.6
	4KA	28.9	29.8	30.5	30.2	28.9	28.0	26.5	27.2	27.5	28.5	28.8	28.6
	4KB	28.6	29.5	30.3	30.0	28.7	27.8	26.4	27.0	27.4	28.3	28.7	28.5
ENNCA	5AA	16.7	17.5	18.1	18.0	16.8	16.7	15.3	15.1	15.6	16.5	15.9	16.5
	5AB	16.6	17.6	18.3	18.3	16.9	16.6	15.3	14.9	15.8	16.9	16.2	16.5
	5AC	18.6	19.4	20.2	20.1	18.9	18.6	17.1	16.7	17.8	18.9	18.1	18.3
	5AD	18.4	19.4	20.3	20.2	18.8	18.4	17.1	16.7	17.9	19.0	18.2	18.3
	5BA	16.9	18.0	19.1	19.0	17.6	16.8	15.6	15.0	16.7	17.9	16.9	16.9
	5BB	15.2	16.2	17.2	17.1	15.7	15.1	13.8	13.2	14.7	15.9	15.0	15.1
	5BC-1	16.6	17.7	18.7	18.6	17.2	16.6	15.3	14.8	16.3	17.5	16.5	16.6
	5BC-2	18.9	20.0	21.0	20.9	19.4	18.9	17.7	17.2	18.7	19.8	18.8	18.9
	5BD	17.4	18.4	19.3	19.2	17.8	17.4	16.1	15.7	16.9	18.0	17.2	17.4
	5BE	15.4	16.4	17.6	17.4	16.0	15.3	14.2	13.6	15.3	16.4	15.4	15.3
	5CA	18.0	18.8	19.7	19.6	18.3	17.9	16.5	16.0	17.4	18.4	17.5	17.7
	5CB	20.7	21.6	22.5	22.3	21.1	20.6	19.3	18.9	20.2	21.2	20.3	20.4
	5CC	20.7	21.6	22.3	22.0	21.1	20.6	19.3	19.0	20.1	21.1	20.1	20.3
	5DA	20.0	21.0	22.2	22.1	20.6	20.0	18.9	18.4	20.1	21.2	20.1	19.9
	5DB	18.9	19.9	21.1	20.9	19.5	18.9	17.7	17.2	18.9	19.9	18.9	18.8
	5DC	19.1	20.0	21.0	20.9	19.5	19.1	17.7	17.2	18.7	19.8	18.8	18.9
	5DD	21.9	22.9	24.0	23.8	22.4	21.8	20.6	20.1	21.7	22.8	21.8	21.8
	5EA	29.7	30.9	30.9	29.9	28.8	27.8	26.3	26.2	27.4	28.2	27.4	27.2
	5EB	28.8	30.0	30.0	28.7	27.6	26.8	25.3	25.3	26.5	27.3	26.5	26.4
	5EC	26.5	27.6	28.0	27.2	26.2	25.5	24.0	23.8	25.1	26.1	25.1	25.0
	5ED	26.6	27.6	28.4	28.0	26.9	26.0	24.6	24.5	25.9	26.8	25.8	25.5
	5FA	29.1	30.2	31.0	30.6	29.3	28.2	26.7	27.3	28.1	29.1	28.4	27.9
	5FB	30.0	31.0	31.5	31.0	29.9	28.8	27.3	27.8	28.5	29.4	28.8	28.3
	5G	28.5	29.7	29.8	28.7	27.6	26.7	25.2	24.6	26.3	27.1	26.1	26.2
	5HA	29.7	30.9	31.4	30.7	29.7	28.8	27.2	25.7	28.3	29.0	28.0	28.0
	5HB	28.3	29.5	29.7	28.7	27.7	26.9	25.3	24.2	26.4	27.2	26.2	26.2
	5J	26.9	28.0	28.2	27.2	26.7	26.0	24.6	24.5	25.6	26.4	25.4	25.5

Monthly Temperature by Sub-basin

Year 2033 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.0	21.3	21.7	22.1	21.4	20.9	20.8	20.7	21.5	21.9	21.9	22.5
	1AB	18.1	18.3	18.8	19.1	18.5	17.9	17.8	17.7	18.5	19.0	18.9	19.5
	1AC	21.5	21.8	22.2	22.6	21.9	21.3	21.2	21.1	21.9	22.4	22.3	22.9
	1AD	23.1	23.3	23.8	24.2	23.5	22.9	22.8	22.7	23.5	24.0	23.9	24.5
	1AE	23.7	24.0	24.4	24.8	24.1	23.6	23.5	23.4	24.2	24.7	24.6	25.2
	1AF	23.1	23.3	23.8	24.2	23.5	22.9	22.8	22.7	23.5	24.0	23.9	24.5
	1AG	23.3	23.5	23.9	24.3	23.6	23.0	23.0	22.8	23.6	24.1	24.0	24.7
	1AH	23.5	23.8	24.3	24.7	24.0	23.4	23.4	23.2	24.1	24.6	24.5	25.0
	1BA	16.5	16.6	17.1	17.4	17.1	16.5	16.2	16.1	16.7	17.2	17.4	17.7
	1BB	17.2	17.4	17.8	18.1	17.7	17.2	16.9	16.8	17.5	18.0	18.2	18.5
	1BC	18.3	18.4	18.9	19.2	18.7	18.2	18.0	17.8	18.5	19.0	19.2	19.6
	1BD	18.9	19.3	19.7	20.1	19.6	19.0	18.9	18.8	19.5	19.9	19.9	20.4
	1BE	18.7	19.0	19.4	19.8	19.3	18.7	18.6	18.5	19.2	19.6	19.6	20.2
	1BG	18.8	19.1	19.5	19.9	19.2	18.6	18.5	18.5	19.2	19.7	19.6	20.2
	1BH	18.3	18.6	19.0	19.4	18.7	18.2	18.1	18.0	18.7	19.2	19.2	19.8
	1CA	17.8	18.2	18.5	18.9	18.5	17.9	17.8	17.7	18.4	18.8	18.7	19.2
	1CB	17.6	17.9	18.3	18.6	18.3	17.6	17.4	17.4	18.1	18.4	18.4	18.9
	1CC	16.8	17.1	17.5	17.9	17.5	16.9	16.7	16.7	17.4	17.7	17.7	18.1
	1CD	18.8	19.1	19.5	19.9	19.2	18.7	18.5	18.5	19.2	19.7	19.6	20.2
	1CE	20.1	20.3	20.7	21.1	20.4	19.9	19.7	19.7	20.4	20.9	20.8	21.5
	1DA	21.3	21.4	21.8	22.2	21.5	20.9	20.8	20.7	21.4	21.9	21.9	22.5
	1DB	18.5	18.8	19.2	19.6	18.9	18.3	18.2	18.1	18.9	19.4	19.3	19.9
	1DC	22.1	22.3	22.7	23.1	22.4	21.8	21.7	21.5	22.3	22.8	22.7	23.4
	1DD	22.6	22.7	23.2	23.6	22.9	22.3	22.2	22.0	22.8	23.3	23.3	23.9
	1EA	20.5	20.6	21.0	21.4	20.6	20.1	19.9	19.8	20.4	21.0	21.0	21.7
	1EB	22.2	22.1	22.5	23.0	22.2	21.6	21.4	21.3	21.8	22.5	22.4	23.2
	1EC	22.0	22.1	22.5	22.9	22.2	21.6	21.4	21.3	21.9	22.5	22.5	23.2
	1ED	22.9	23.1	23.5	23.9	23.2	22.6	22.5	22.4	23.2	23.7	23.6	24.2
	1EE	23.4	23.7	24.1	24.6	23.8	23.2	23.2	23.1	23.9	24.4	24.3	24.9
	1EF	23.6	23.9	24.3	24.8	24.1	23.4	23.4	23.3	24.2	24.7	24.6	25.1
	1EG	23.0	23.3	23.7	24.1	23.4	22.8	22.8	22.6	23.5	24.1	23.9	24.5
	1FA	16.4	16.9	17.2	17.6	17.3	16.6	16.5	16.4	17.2	17.5	17.5	17.9
	1FB	18.8	19.0	19.5	19.8	19.2	18.6	18.5	18.4	19.2	19.7	19.6	20.2
	1FC	19.1	19.4	19.8	20.2	19.6	19.0	18.9	18.8	19.6	20.0	20.0	20.5
	1FD	18.3	18.6	19.0	19.4	18.9	18.3	18.2	18.1	18.9	19.3	19.2	19.7
	1FE	21.1	21.3	21.7	22.2	21.4	20.8	20.8	20.6	21.4	22.0	21.9	22.5
	1FF	21.6	21.9	22.2	22.8	22.1	21.4	21.5	21.3	22.2	22.8	22.7	23.2
	1FG	23.2	23.6	24.0	24.5	23.8	23.1	23.2	23.0	24.0	24.5	24.3	24.9
LVSCA	1GA	16.9	17.3	17.7	18.0	17.6	17.0	16.9	16.9	17.6	17.9	17.9	18.3
	1GB	20.1	20.5	20.9	21.2	20.6	20.1	20.0	20.0	20.8	21.2	21.2	21.6
	1GC	17.1	17.4	17.9	18.1	18.0	17.3	17.0	17.1	17.8	18.1	18.1	18.4
	1GD	21.8	22.2	22.6	22.9	22.4	21.8	21.7	21.7	22.6	22.9	22.9	23.3
	1GE	21.6	22.0	22.4	22.7	22.1	21.6	21.5	21.5	22.4	22.7	22.7	23.1
	1GF	22.6	23.0	23.5	23.8	23.2	22.6	22.6	22.6	23.6	24.0	23.8	24.3
	1GG	17.5	17.8	18.2	18.5	18.2	17.6	17.4	17.4	18.2	18.4	18.4	18.8
	1HA1	21.4	21.8	22.0	22.7	22.0	21.3	21.5	21.2	22.3	22.9	22.7	23.2
	1HA2	23.6	24.1	24.4	25.0	24.3	23.6	23.8	23.5	24.6	25.2	25.1	25.4
	1HB1	23.3	23.7	24.1	24.6	23.9	23.3	23.3	23.2	24.2	24.7	24.6	25.0
	1HB2	22.7	23.2	23.4	24.2	23.4	22.8	23.0	22.7	23.9	24.5	24.3	24.7
	1HC	23.6	24.1	24.5	25.0	24.3	23.6	23.7	23.5	24.5	25.0	24.8	25.4
	1HD	21.9	22.6	23.0	23.4	22.8	22.1	22.1	22.1	23.1	23.6	23.3	23.8
	1HE	22.1	22.8	23.4	23.7	23.1	22.4	22.3	22.4	23.4	23.8	23.5	24.0
	1HF	22.8	23.5	23.9	24.3	23.7	23.0	23.0	23.0	24.0	24.4	24.2	24.7
	1HG	22.7	23.4	23.8	24.2	23.6	22.9	22.9	22.8	23.8	24.3	24.1	24.6
	1JA	16.6	16.9	17.4	17.6	17.4	16.7	16.2	16.5	17.2	17.5	17.5	18.2
	1JB	18.8	19.1	19.6	19.7	19.4	18.8	18.6	18.8	19.6	19.7	19.7	20.1
	1JC	17.8	18.1	18.6	18.6	18.4	17.8	17.6	17.8	18.5	18.6	18.7	19.0
	1JD	19.8	20.2	20.6	20.8	20.3	19.8	19.6	19.8	20.5	20.7	20.8	21.2
	1JE	18.8	19.2	19.7	20.1	19.6	18.9	18.5	18.8	19.7	20.1	19.9	20.6
	1JF	18.1	18.5	19.0	19.3	19.0	18.2	17.8	18.1	18.9	19.3	19.2	19.8
	1JG1	21.0	21.6	22.0	22.3	21.8	21.2	21.1	21.1	22.0	22.4	22.2	22.7
	1JG2	22.8	23.4	23.8	24.2	23.6	22.9	22.9	22.9	23.9	24.4	24.2	24.6
	1KA	21.3	22.1	22.7	22.9	22.3	21.6	21.5	21.7	22.7	23.1	22.6	23.2
	1KB	21.3	22.0	22.5	22.8	22.3	21.6	21.4	21.6	22.5	22.9	22.6	23.2
	1KC	20.5	21.0	21.4	21.9	21.4	20.6	20.2	20.5	21.5	22.0	21.7	22.4
	1LA1	16.8	17.1	17.6	17.9	17.8	17.0	16.3	16.7	17.4	17.8	17.6	18.6
	1LA2	20.0	20.4	20.8	21.4	20.9	20.1	19.5	19.9	20.8	21.4	21.1	22.0
	1LA3	18.3	18.5	19.1	19.8	19.4	18.1	16.9	17.6	18.5	19.6	19.2	19.8
	1LB1	17.0	17.2	17.6	18.1	18.0	17.1	16.3	16.7	17.4	17.9	17.7	18.8
	1LB2	18.8	19.0	19.4	20.0	19.8	18.8	17.8	18.3	19.1	19.9	19.6	20.5

Monthly Temperature by Sub-basin

Year 2033 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	26.6	27.6	28.1	28.0	27.2	26.7	25.7	26.1	26.8	27.6	27.1	27.5
	2AB	27.4	28.3	29.0	29.1	28.0	27.9	27.1	27.3	28.0	28.8	28.0	28.5
	2BA	19.0	19.2	19.7	20.1	19.5	19.1	18.8	18.7	19.4	20.0	20.0	20.3
	2BB	23.7	23.8	24.4	24.9	24.3	24.0	23.6	23.4	24.1	24.8	24.6	24.9
	2BC	22.1	22.4	22.9	23.5	22.7	22.4	22.2	22.0	22.8	23.4	23.1	23.5
	2BD	26.4	26.8	27.6	28.2	27.2	27.2	26.6	26.5	27.4	28.1	27.3	27.6
	2CA	27.9	28.5	29.2	29.7	28.7	28.7	28.0	28.0	28.7	29.5	28.6	28.9
	2CB	20.9	20.9	21.5	21.6	21.6	20.9	20.5	20.5	21.0	21.3	21.5	21.7
	2CC	25.4	25.9	26.4	26.7	26.2	25.8	25.2	25.2	25.8	26.5	26.1	26.3
	2D	23.2	23.9	24.4	24.6	24.5	23.9	23.0	23.2	23.8	24.5	24.3	24.2
	2EA	19.2	19.2	19.8	20.1	20.5	19.6	18.8	18.9	19.5	20.1	20.1	20.0
	2EB	18.8	18.8	19.4	19.7	20.0	19.1	18.3	18.4	19.0	19.6	19.7	19.6
	2EC	18.2	18.4	19.0	19.2	19.6	18.7	18.0	18.1	18.8	19.1	19.0	19.2
	2ED	16.3	16.4	16.9	17.2	17.2	16.5	16.1	16.1	16.8	17.1	17.2	17.4
	2EE	21.5	21.5	22.1	22.3	22.4	21.7	21.1	21.2	21.7	22.0	22.2	22.3
	2EF	18.8	18.9	19.5	19.6	19.8	19.1	18.6	18.6	19.2	19.5	19.6	19.8
	2EG1	15.1	15.2	15.7	16.0	16.2	15.3	14.7	14.9	15.5	15.8	15.8	16.4
	2EG2	21.0	21.2	21.8	22.0	22.2	21.4	20.7	20.8	21.4	21.9	21.9	22.0
	2EH	22.3	22.4	23.0	23.1	23.2	22.5	22.0	22.0	22.5	22.9	23.0	23.2
	2EJ	20.1	20.2	20.9	21.3	21.5	20.6	19.6	19.9	20.5	21.3	21.2	20.9
	2EK	18.6	18.7	19.3	19.6	19.9	19.0	18.1	18.4	19.0	19.6	19.6	19.4
	2FA	17.2	17.3	17.8	18.3	18.7	17.6	16.6	16.9	17.6	18.3	18.0	18.0
	2FB	17.9	18.1	18.8	19.0	19.4	18.5	17.9	18.0	18.6	19.0	18.7	18.8
	2FC	16.6	16.8	17.3	17.7	18.1	17.1	16.3	16.5	17.2	17.6	17.4	17.6
	2GA	16.5	16.6	17.2	17.7	18.0	16.9	15.8	16.2	16.9	17.7	17.3	17.3
	2GB	14.6	14.6	15.3	15.8	16.1	14.9	13.8	14.2	14.9	15.8	15.5	15.3
	2GC	13.5	13.6	14.4	15.0	15.1	13.8	12.6	13.1	13.9	15.1	14.5	14.3
	2GD	15.8	16.0	16.7	17.3	17.3	15.9	14.6	15.2	16.0	17.2	16.7	16.7
	2H-1	20.6	20.7	21.7	22.5	22.1	20.3	18.8	19.7	20.6	22.2	21.7	21.6
	2H-2	21.1	21.3	22.4	23.1	22.7	20.9	19.3	20.3	21.3	23.0	22.3	22.1
	2H-3	20.6	20.6	21.8	22.6	22.1	20.4	18.7	19.7	20.7	22.4	21.8	21.6
	2J	26.7	27.7	28.1	28.3	27.3	27.1	26.4	26.4	27.3	28.0	27.3	27.9
	2KA	16.9	17.0	17.3	18.1	18.1	16.8	15.5	16.1	16.8	17.8	17.5	18.2
	2KB	19.1	19.2	19.8	20.7	20.4	18.8	17.2	18.1	18.9	20.4	20.0	20.2
	2KC	22.2	22.3	23.1	23.9	23.5	21.8	20.2	21.2	22.1	23.6	23.2	23.1
ACA	3AA	18.6	18.7	19.9	20.6	20.1	18.4	16.8	17.8	18.8	20.4	19.8	19.6
	3AB	19.1	19.0	20.3	21.1	20.6	18.9	17.1	18.2	19.1	20.9	20.3	20.0
	3AC	19.7	19.7	20.9	21.8	21.3	19.6	17.8	18.9	19.8	21.6	21.0	20.7
	3BA	18.4	18.5	19.7	20.4	20.0	18.2	16.7	17.6	18.6	20.2	19.6	19.4
	3BB	18.5	18.6	19.8	20.5	20.1	18.3	16.7	17.7	18.7	20.3	19.7	19.5
	3BC	17.1	17.2	18.4	19.1	18.6	16.9	15.3	16.3	17.3	18.9	18.2	18.0
	3BD	18.0	18.1	19.3	20.0	19.6	17.8	16.2	17.2	18.2	19.8	19.2	19.0
	3CB	18.8	19.0	20.1	20.9	20.4	18.7	17.1	18.1	19.1	20.7	20.0	19.8
	3DA	21.0	21.0	22.2	23.1	22.6	20.9	19.1	20.2	21.1	22.9	22.3	21.9
	3DB	22.1	22.1	23.5	24.4	23.9	22.2	20.2	21.3	22.2	24.0	23.6	23.1
	3EA	19.5	19.3	20.6	21.6	21.1	19.4	17.4	18.5	19.4	21.3	20.8	20.4
	3EB	20.5	20.4	21.7	22.7	22.2	20.5	18.5	19.6	20.5	22.4	21.9	21.5
	3EC	20.3	20.2	21.6	22.6	22.0	20.3	18.3	19.4	20.2	22.1	21.8	21.3
	3ED	22.5	22.4	23.9	24.9	24.3	22.6	20.6	21.7	22.5	24.4	24.1	23.6
	3FA	21.3	21.3	22.8	23.8	23.2	21.4	19.5	20.5	21.4	23.2	23.0	22.4
	3FB	23.9	23.9	25.7	26.5	25.8	24.0	22.1	22.8	23.6	25.5	25.9	25.0
	3G	22.8	22.8	24.6	25.3	24.6	22.7	21.0	21.5	22.3	24.2	24.8	24.0
	3HA	25.4	25.5	27.2	27.6	26.8	25.0	23.5	23.7	24.4	26.2	27.3	26.5
	3HB	26.8	27.1	28.2	28.6	27.5	25.9	24.7	25.1	25.4	26.8	27.9	27.7
	3HC	27.3	27.7	28.5	28.9	27.6	26.1	25.1	25.5	25.8	27.0	27.8	28.1
	3HD1	27.3	27.7	28.4	28.8	27.5	26.0	25.0	25.4	25.7	26.9	27.7	28.0
	3HD2	27.7	28.1	28.8	29.2	27.9	26.4	25.5	25.9	26.2	27.3	28.1	28.5
	3J	23.3	23.4	25.0	25.5	24.7	22.9	21.3	21.7	22.4	24.2	25.1	24.4
	3K	27.2	27.5	28.4	28.7	27.6	26.0	25.0	25.2	25.6	26.9	27.9	28.0
	3LA	26.2	26.4	27.6	28.0	26.9	25.3	24.1	24.4	24.8	26.2	27.3	27.1
	3LB	27.4	27.8	28.5	28.9	27.6	26.1	25.1	25.4	25.8	27.0	27.9	28.1
	3MA-1	24.1	24.3	25.8	26.1	25.2	23.5	22.1	22.4	22.9	24.5	25.6	25.2
	3MA-2	25.9	26.1	27.3	27.6	26.5	24.9	23.8	24.1	24.4	25.8	26.8	26.8
	3MB	26.8	27.0	28.0	28.3	27.1	25.6	24.6	24.7	25.1	26.4	27.4	27.5
	3MC	26.7	26.9	27.9	28.2	27.0	25.5	24.5	24.6	25.0	26.3	27.3	27.5
	3MD1	27.2	27.4	28.2	28.5	27.3	25.8	24.8	24.8	25.3	26.5	27.4	27.8
	3MD2	27.6	27.9	28.7	28.9	27.8	26.2	25.3	25.3	25.7	27.0	27.9	28.3
	3N	20.7	20.6	22.1	23.0	22.4	20.7	18.9	19.8	20.7	22.5	22.3	21.8

Monthly Temperature by Sub-basin

Year 2033 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.8	15.0	15.9	16.8	16.7	15.4	13.3	14.4	15.3	17.0	16.2	15.5
	4AB	15.7	15.7	16.6	17.4	17.5	16.2	14.2	15.2	16.1	17.6	16.8	16.4
	4AC	15.5	15.5	16.4	17.2	17.2	15.8	13.9	14.9	15.9	17.4	16.5	16.2
	4AD	15.6	15.6	16.6	17.4	17.4	15.9	13.9	15.0	16.0	17.6	16.7	16.3
	4BA	19.6	19.8	20.8	21.8	21.6	20.0	17.9	19.1	20.1	21.9	20.9	20.4
	4BB	16.6	16.8	17.9	18.8	18.5	17.1	15.0	16.2	17.2	18.9	18.0	17.3
	4BC	19.6	19.8	20.9	21.8	21.5	19.9	17.9	19.1	20.1	21.9	21.0	20.3
	4BD	17.6	17.7	18.8	19.6	19.4	17.8	15.8	16.9	18.0	19.7	18.8	18.4
	4BE	18.9	19.0	20.1	20.9	20.7	19.0	17.1	18.2	19.2	21.0	20.1	19.7
	4BF	20.7	20.8	22.0	22.8	22.5	20.8	19.0	20.1	21.1	22.8	22.0	21.5
	4BG	21.8	21.9	23.1	24.0	23.6	22.0	20.0	21.2	22.2	24.0	23.1	22.6
	4CA	15.5	15.6	16.6	17.3	17.0	15.3	13.7	14.7	15.7	17.3	16.6	16.3
	4CB	17.4	17.5	18.6	19.4	19.0	17.3	15.6	16.7	17.7	19.3	18.6	18.3
	4CC	20.9	21.0	22.2	23.1	22.7	21.0	19.1	20.2	21.2	22.9	22.3	21.8
	4DA	19.1	19.4	20.5	21.4	21.0	19.6	17.5	18.7	19.7	21.5	20.6	19.8
	4DB	17.2	17.5	18.7	19.6	19.1	17.7	15.7	16.8	17.9	19.6	18.8	17.9
	4DC	16.6	16.9	18.1	19.0	18.5	17.2	15.1	16.3	17.3	19.0	18.3	17.3
	4DD	21.7	21.9	23.2	24.1	23.6	22.2	20.1	21.3	22.3	24.1	23.3	22.4
	4DE	22.0	22.1	23.4	24.3	23.9	22.3	20.2	21.4	22.4	24.2	23.5	22.9
	4EA	19.3	19.8	20.8	21.7	21.3	20.0	18.2	19.3	20.2	21.9	21.2	20.2
	4EB	18.3	18.6	19.7	20.7	20.2	18.9	16.9	18.1	19.1	20.8	20.0	19.0
	4EC	21.4	21.7	22.9	23.8	23.3	21.9	19.9	21.1	22.1	23.9	23.0	22.1
	4ED	22.5	22.7	23.9	24.9	24.5	23.0	20.9	22.1	23.0	24.9	24.1	23.3
	4FA	20.1	20.6	21.6	22.6	22.1	20.9	19.1	20.2	21.1	22.7	22.0	21.0
	4FB	23.9	24.5	25.6	26.5	26.0	24.6	22.8	23.9	24.7	26.4	25.8	24.8
	4GA	25.3	26.0	27.1	28.0	27.3	25.8	24.1	25.1	25.9	27.7	27.1	26.1
	4GB	26.6	27.6	28.7	29.5	28.7	27.0	25.5	26.2	26.9	28.7	28.3	27.4
	4GC	28.1	29.6	30.8	31.4	30.1	28.1	27.1	27.4	28.0	29.6	29.7	29.0
	4GD	27.1	28.3	29.5	30.3	29.2	27.3	26.0	26.5	27.2	28.9	28.9	28.1
	4GE	26.3	27.1	28.4	29.3	28.3	26.5	24.9	25.7	26.4	28.1	28.1	27.2
	4GF	26.5	27.1	28.3	29.2	28.1	26.3	24.9	25.5	26.0	27.7	27.9	27.5
	4GG	27.5	28.0	28.8	29.4	28.0	26.5	25.5	26.0	26.1	27.5	28.1	28.4
	4HA	23.6	23.7	25.3	26.2	25.6	23.8	21.8	22.8	23.6	25.5	25.4	24.7
	4HB	26.5	26.8	28.2	28.9	27.9	26.1	24.7	25.3	25.8	27.5	28.0	27.5
	4HC	26.4	26.7	28.0	28.5	27.5	25.7	24.4	24.9	25.4	26.9	27.8	27.5
	4JA	28.3	29.7	30.7	31.1	29.8	28.0	27.0	27.2	27.5	29.0	29.3	29.2
	4JB	28.0	28.9	29.8	30.5	29.0	27.3	26.3	26.7	26.7	28.5	28.9	29.0
	4KA	28.1	29.1	30.0	30.7	29.3	27.5	26.5	26.8	27.0	28.6	29.0	29.1
	4KB	28.0	28.9	29.8	30.5	29.1	27.3	26.4	26.7	26.9	28.6	29.0	29.0
ENNCA	5AA	16.2	16.2	16.8	17.2	17.5	16.6	15.6	15.7	16.3	17.2	17.3	16.9
	5AB	16.3	16.4	17.1	17.5	17.8	16.8	15.6	16.0	16.6	17.6	17.5	17.1
	5AC	18.1	18.3	19.0	19.5	19.7	18.7	17.5	18.0	18.6	19.5	19.3	19.0
	5AD	18.2	18.3	19.0	19.6	19.7	18.7	17.5	18.0	18.6	19.7	19.4	19.0
	5BA	16.6	16.7	17.6	18.3	18.4	17.2	15.2	16.1	17.1	18.5	17.8	17.3
	5BB	15.1	15.1	16.0	16.6	16.6	15.4	13.9	14.6	15.5	16.7	16.2	15.8
	5BC-1	16.2	16.4	17.2	17.9	18.0	16.9	15.0	15.8	16.7	18.1	17.6	17.0
	5BC-2	18.4	18.6	19.4	20.1	20.3	19.2	17.3	18.1	18.9	20.3	19.8	19.2
	5BD	17.3	17.3	18.1	18.6	18.7	17.7	16.5	16.9	17.7	18.7	18.4	18.0
	5BE	14.7	15.0	15.9	16.7	16.8	15.7	13.5	14.5	15.4	16.9	16.3	15.5
	5CA	17.5	17.8	18.5	19.0	19.2	18.1	17.0	17.5	18.1	19.1	18.8	18.4
	5CB	19.9	20.5	21.0	21.5	21.5	20.4	18.9	19.6	20.3	21.5	21.2	20.8
	5CC	19.8	20.7	21.0	21.3	21.3	20.3	19.0	19.6	20.2	21.3	21.0	20.7
	5DA	19.3	19.7	20.6	21.4	21.4	20.2	18.2	19.3	20.1	21.6	21.1	20.1
	5DB	18.2	18.6	19.4	20.2	20.3	19.2	17.1	18.0	18.9	20.4	19.9	19.0
	5DC	18.6	18.8	19.6	20.2	20.4	19.3	17.8	18.4	19.2	20.3	20.0	19.4
	5DD	21.2	21.5	22.4	23.1	23.1	22.0	20.1	21.0	21.8	23.2	22.8	22.0
	5EA	28.1	29.9	30.2	29.1	28.1	26.9	25.8	26.3	26.6	27.7	27.7	28.5
	5EB	27.1	28.8	29.0	28.1	27.2	26.0	24.8	25.4	25.8	26.9	26.8	27.6
	5EC	25.0	26.8	26.6	26.3	26.0	24.8	23.3	24.1	24.8	25.9	25.6	25.7
	5ED	25.3	26.6	27.1	27.4	26.8	25.6	24.1	24.8	25.4	26.8	26.4	26.1
	5FA	27.8	29.1	30.1	30.4	29.3	27.7	26.6	27.0	27.4	29.0	29.0	28.6
	5FB	28.5	30.1	30.8	30.7	29.7	28.2	27.2	27.4	27.6	29.0	29.1	29.2
	5G	27.1	28.9	28.9	27.6	26.6	25.6	24.5	25.3	25.9	26.8	26.7	27.4
	5HA	29.0	30.4	30.6	29.3	28.1	27.4	26.5	27.4	28.2	28.9	28.6	29.0
	5HB	27.1	28.8	28.9	27.6	26.4	25.6	24.6	25.4	26.1	27.0	26.8	27.3
	5J	25.4	27.1	27.1	26.7	26.0	25.2	24.0	24.7	25.3	26.2	25.8	26.3

Monthly Temperature by Sub-basin

Year 2034 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	22.6	22.4	22.1	21.7	21.0	20.7	20.4	20.8	21.4	22.1	21.2	21.4
	1AB	19.6	19.4	19.2	18.7	18.1	17.8	17.4	17.9	18.6	19.1	18.3	18.4
	1AC	23.0	22.9	22.6	22.1	21.5	21.2	20.8	21.3	21.9	22.6	21.7	21.9
	1AD	24.6	24.5	24.1	23.7	23.1	22.8	22.4	22.9	23.5	24.2	23.3	23.5
	1AE	25.3	25.2	24.7	24.4	23.8	23.5	23.1	23.6	24.1	24.8	23.9	24.1
	1AF	24.6	24.4	24.1	23.7	23.1	22.8	22.4	22.9	23.5	24.2	23.3	23.5
	1AG	24.7	24.6	24.2	23.8	23.2	22.9	22.5	23.1	23.7	24.4	23.5	23.6
	1AH	25.2	25.1	24.6	24.2	23.6	23.3	22.9	23.4	24.0	24.7	23.8	24.0
	1BA	17.7	18.0	17.8	17.4	16.6	16.4	15.9	16.4	17.0	17.5	16.8	16.8
	1BB	18.5	18.9	18.6	18.1	17.3	17.2	16.6	17.1	17.9	18.3	17.6	17.6
	1BC	19.5	20.0	19.7	19.1	18.4	18.2	17.6	18.2	19.5	19.5	18.8	18.6
	1BD	20.2	20.5	20.2	19.7	19.0	18.8	18.3	18.8	19.2	20.0	19.2	19.3
	1BE	20.1	20.3	20.0	19.4	18.7	18.5	18.1	18.6	19.7	19.7	18.9	19.1
	1BG	20.3	20.2	20.0	19.4	18.8	18.5	18.2	18.6	19.4	19.8	19.0	19.2
	1BH	19.9	19.7	19.4	18.9	18.4	18.0	17.7	18.2	18.9	19.3	18.5	18.7
	1CA	19.1	19.3	19.0	18.6	17.9	17.6	17.1	17.6	18.0	18.8	18.1	18.1
	1CB	18.9	19.0	18.8	18.4	17.7	17.4	17.0	17.5	17.8	18.6	17.9	17.9
	1CC	18.1	18.2	18.0	17.6	16.9	16.7	16.2	16.7	17.0	17.8	17.1	17.2
	1CD	20.2	20.1	19.9	19.4	18.8	18.5	18.1	18.6	19.1	19.8	19.0	19.1
	1CE	21.5	21.4	21.1	20.6	20.0	19.7	19.4	19.9	20.4	21.1	20.3	20.4
	1DA	22.6	22.4	22.2	21.7	21.1	20.8	20.4	21.0	21.6	22.3	21.5	21.5
	1DB	20.0	19.9	19.6	19.1	18.5	18.2	17.8	18.3	19.1	19.6	18.7	18.9
	1DC	23.5	23.3	23.0	22.6	22.0	21.7	21.3	21.8	22.5	23.2	22.3	22.4
	1DD	24.0	23.8	23.5	23.1	22.5	22.1	21.8	22.3	23.0	23.7	22.8	22.8
	1EA	21.7	21.5	21.3	20.8	20.2	19.9	19.5	20.1	21.0	21.6	20.8	20.6
	1EB	23.1	23.0	22.8	22.4	21.8	21.4	21.0	21.7	22.8	23.4	22.5	22.2
	1EC	23.2	23.0	22.8	22.3	21.8	21.4	21.0	21.6	22.6	23.2	22.3	22.1
	1ED	24.3	24.2	23.8	23.4	22.8	22.5	22.1	22.7	23.5	24.2	23.2	23.2
	1EE	25.0	24.9	24.4	24.1	23.5	23.1	22.8	23.3	24.0	24.7	23.7	23.8
	1EF	25.3	25.1	24.6	24.3	23.7	23.3	23.0	23.4	24.0	24.7	23.8	24.0
	1EG	24.6	24.5	24.0	23.7	23.1	22.7	22.4	22.9	23.7	24.3	23.3	23.4
	1FA	17.8	17.9	17.7	17.3	16.6	16.4	15.9	16.4	16.7	17.5	16.8	16.8
	1FB	20.3	20.1	19.8	19.4	18.8	18.5	18.1	18.6	19.2	19.8	19.0	19.1
	1FC	20.6	20.4	20.2	19.8	19.2	18.9	18.5	19.0	19.5	20.2	19.4	19.5
	1FD	19.9	19.7	19.4	19.0	18.4	18.2	17.8	18.2	18.6	19.3	18.5	18.7
	1FE	22.5	22.4	22.0	21.6	21.0	20.7	20.3	20.9	21.9	22.5	21.5	21.4
	1FF	23.3	23.1	22.7	22.3	21.7	21.3	21.0	21.6	22.6	23.2	22.0	22.1
	1FG	25.0	24.8	24.4	24.0	23.4	23.0	22.7	23.2	23.9	24.5	23.5	23.8
LVSCA	1GA	18.4	18.3	18.1	17.8	17.1	16.9	16.4	16.9	17.1	17.8	17.1	17.3
	1GB	21.8	21.6	21.3	20.9	20.3	20.0	19.6	20.1	20.6	21.1	20.3	20.6
	1GC	18.5	18.4	18.4	18.1	17.3	17.2	16.7	17.0	17.3	17.8	17.3	17.5
	1GD	23.5	23.3	23.0	22.7	22.0	21.8	21.4	21.8	22.3	22.7	22.0	22.3
	1GE	23.3	23.1	22.8	22.5	21.8	21.6	21.2	21.6	22.0	22.4	21.7	22.1
	1GF	24.5	24.3	23.8	23.5	22.9	22.6	22.2	22.7	23.2	23.7	22.8	23.2
	1GG	19.0	18.8	18.7	18.3	17.7	17.5	17.0	17.4	17.6	18.2	17.6	17.8
	1HA1	23.2	23.1	22.6	22.2	21.6	21.3	21.0	21.5	22.4	23.0	21.8	22.0
	1HA2	25.6	25.4	24.9	24.6	23.9	23.6	23.3	23.8	24.6	25.1	24.0	24.3
	1HB1	25.2	25.0	24.5	24.2	23.6	23.2	22.9	23.4	24.2	24.7	23.7	23.9
	1HB2	24.8	24.6	24.1	23.7	23.1	22.7	22.4	23.0	24.0	24.6	23.3	23.6
	1HC	25.6	25.4	24.9	24.5	23.9	23.6	23.2	23.7	24.3	24.9	23.9	24.3
	1HD	24.1	23.9	23.3	23.0	22.5	22.1	21.7	22.2	22.6	23.2	22.2	22.7
	1HE	24.4	24.2	23.5	23.3	22.7	22.3	22.0	22.4	22.8	23.4	22.4	22.9
	1HF	25.0	24.8	24.2	23.9	23.4	23.0	22.6	23.0	23.4	24.1	23.2	23.6
	1HG	24.9	24.6	24.1	23.8	23.2	22.8	22.5	22.9	23.2	24.0	23.1	23.5
	1JA	18.2	18.0	17.8	17.7	17.0	16.8	16.2	16.6	16.9	17.3	16.9	17.1
	1JB	20.3	20.0	19.9	19.7	19.0	18.8	18.3	18.7	19.0	19.3	18.8	19.1
	1JC	19.2	19.0	18.9	18.6	17.9	17.8	17.3	17.7	18.0	18.2	17.8	18.0
	1JD	21.5	21.2	21.0	20.7	20.0	19.9	19.4	19.8	20.2	20.4	19.9	20.2
	1JE	20.7	20.5	20.0	19.9	19.3	18.9	18.4	18.8	19.0	19.8	19.1	19.4
	1JF	19.9	19.7	19.4	19.2	18.6	18.3	17.8	18.1	18.4	19.0	18.4	18.7
	1JG1	23.0	22.8	22.3	22.0	21.4	21.1	20.8	21.2	21.5	22.0	21.2	21.6
	1JG2	24.9	24.7	24.1	23.8	23.2	22.9	22.5	23.0	23.6	24.1	23.1	23.5
	1KA	23.7	23.4	22.6	22.5	22.0	21.5	21.2	21.6	21.8	22.5	21.5	22.1
	1KB	23.6	23.3	22.6	22.5	21.9	21.5	21.1	21.5	21.7	22.5	21.6	22.1
	1KC	22.5	22.3	21.7	21.7	21.0	20.6	20.2	20.6	20.7	21.6	20.8	21.2
	1LA1	18.5	18.3	18.0	18.0	17.3	16.9	16.4	16.7	17.0	17.6	17.2	17.3
	1LA2	21.9	21.7	21.2	21.2	20.5	20.1	19.6	20.0	20.1	21.1	20.4	20.7
	1LA3	19.9	20.0	19.9	19.7	18.8	18.2	17.4	17.6	18.2	19.5	19.0	19.1
	1LB1	18.5	18.4	18.1	18.2	17.4	17.0	16.5	16.7	17.0	17.8	17.4	17.5
	1LB2	20.3	20.2	19.9	20.0	19.2	18.7	18.1	18.4	18.5	19.7	19.3	19.3

Monthly Temperature by Sub-basin

Year 2034 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	28.0	29.0	29.2	28.2	27.5	27.3	26.3	26.7	27.4	27.6	27.2	26.8
	2AB	28.7	29.5	29.9	29.1	28.5	28.3	27.4	27.7	28.5	28.6	28.3	27.8
	2BA	20.2	20.6	20.4	20.0	19.3	19.1	18.6	19.1	20.2	20.4	19.7	19.4
	2BB	24.7	25.1	25.1	24.9	24.2	24.0	23.4	23.9	24.9	25.1	24.4	24.1
	2BC	23.4	23.6	23.5	23.2	22.6	22.4	21.9	22.3	23.3	23.4	22.7	22.6
	2BD	27.4	28.0	28.4	28.0	27.5	27.4	26.6	26.9	27.9	28.0	27.3	26.9
	2CA	28.7	29.6	30.1	29.6	29.1	29.1	28.1	28.4	29.5	29.5	28.9	28.3
	2CB	22.1	22.0	22.1	21.9	21.1	20.9	20.3	20.8	21.1	21.9	21.2	21.2
	2CC	26.4	27.1	27.4	26.9	26.2	26.0	25.2	25.6	26.4	26.7	26.3	25.7
	2D	24.2	25.2	25.5	25.0	24.2	23.8	23.0	23.2	24.0	24.5	24.2	23.5
	2EA	19.6	19.9	20.6	20.6	19.4	19.2	18.2	18.4	18.8	19.8	19.5	19.2
	2EB	19.3	19.7	20.3	20.2	19.1	18.8	17.9	18.1	18.6	19.4	19.2	18.8
	2EC	18.8	19.0	19.4	19.4	18.4	18.1	17.2	17.5	17.8	18.8	18.4	18.2
	2ED	17.5	17.5	17.6	17.3	16.5	16.3	15.7	16.1	16.4	17.1	16.6	16.6
	2EE	22.5	22.6	22.8	22.6	21.7	21.5	20.9	21.2	21.7	22.2	21.8	21.8
	2EF	19.9	20.0	20.1	19.9	19.0	18.9	18.2	18.5	18.8	19.4	19.1	19.1
	2EG1	16.3	16.2	16.4	16.3	15.4	15.2	14.5	14.8	15.2	15.7	15.5	15.4
	2EG2	21.8	22.1	22.5	22.3	21.3	21.1	20.2	20.6	21.2	21.8	21.5	21.2
	2EH	23.5	23.5	23.7	23.4	22.6	22.4	21.7	22.1	22.6	23.2	22.7	22.7
	2EJ	20.6	21.4	22.0	21.7	20.7	20.2	19.4	19.6	20.4	21.0	20.6	20.2
	2EK	19.1	19.7	20.3	20.0	19.0	18.6	17.7	18.0	18.6	19.3	19.0	18.6
	2FA	17.6	17.9	18.5	18.4	17.4	16.8	15.9	16.0	16.7	17.7	17.4	17.1
	2FB	18.2	18.4	19.0	19.0	17.9	17.6	16.7	16.9	17.3	18.1	18.0	17.7
	2FC	17.1	17.3	17.8	17.8	16.8	16.3	15.5	15.7	16.1	16.9	16.9	16.6
	2GA	17.0	17.4	18.0	17.9	16.8	16.1	15.2	15.4	16.1	17.2	16.9	16.6
	2GB	15.0	15.6	16.3	16.1	15.0	14.3	13.4	13.5	14.3	15.3	15.0	14.7
	2GC	14.2	14.7	15.6	15.2	14.1	13.2	12.3	12.5	13.5	14.7	14.1	13.7
	2GD	16.9	17.0	17.7	17.3	16.3	15.4	14.5	14.6	15.7	17.0	16.4	16.1
	2H-1	22.2	22.2	22.9	22.3	21.3	20.4	19.4	19.6	20.8	22.2	21.4	21.0
	2H-2	22.8	22.8	23.7	22.9	21.9	21.0	19.9	20.1	21.5	23.0	21.9	21.6
	2H-3	22.2	22.3	23.2	22.4	21.4	20.4	19.3	19.6	21.0	22.5	21.3	20.9
	2J	28.0	28.7	28.9	28.2	27.6	27.4	26.6	26.9	28.0	28.0	27.6	27.0
	2KA	18.0	18.0	18.1	18.1	17.2	16.6	15.8	16.0	16.5	17.7	17.5	17.3
	2KB	20.5	20.6	21.0	20.7	19.7	18.9	18.0	18.1	19.1	20.5	20.0	19.7
	2KC	23.7	23.7	24.3	23.8	22.8	22.0	21.0	21.2	22.3	23.7	22.9	22.7
ACA	3AA	20.3	20.3	21.3	20.4	19.4	18.5	17.4	17.6	19.1	20.5	19.3	19.1
	3AB	20.7	20.9	21.6	21.0	19.9	18.8	17.8	18.1	19.5	21.0	19.7	19.3
	3AC	21.4	21.5	22.3	21.6	20.6	19.5	18.5	18.7	20.2	21.6	20.3	20.0
	3BA	20.2	20.2	21.1	20.2	19.2	18.3	17.3	17.5	18.9	20.3	19.1	19.0
	3BB	20.2	20.3	21.2	20.3	19.3	18.4	17.3	17.5	19.0	20.3	19.2	19.0
	3BC	18.7	18.8	19.7	18.9	17.9	17.0	16.0	16.1	17.6	18.9	17.8	17.6
	3BD	19.6	19.7	20.7	19.8	18.9	17.9	16.9	17.1	18.5	19.8	18.8	18.4
	3CB	20.5	20.6	21.5	20.7	19.7	18.7	17.7	17.9	19.3	20.7	19.6	19.2
	3DA	22.6	22.8	23.6	22.9	21.9	20.8	19.8	20.1	21.5	22.9	21.6	21.2
	3DB	23.8	24.2	25.0	24.3	23.2	22.0	21.0	21.3	22.7	24.2	22.9	22.3
	3EA	21.0	21.3	22.0	21.5	20.4	19.1	18.2	18.5	19.9	21.4	20.1	19.6
	3EB	22.1	22.5	23.2	22.6	21.5	20.2	19.3	19.6	21.0	22.5	21.2	20.6
	3EC	22.0	22.4	23.1	22.5	21.3	20.0	19.1	19.4	20.8	22.4	21.0	20.4
	3ED	24.3	24.8	25.5	24.8	23.7	22.4	21.5	21.7	23.1	24.7	23.4	22.6
	3FA	23.2	23.7	24.3	23.6	22.5	21.2	20.3	20.5	21.9	23.5	22.2	21.6
	3FB	25.8	26.6	27.2	26.3	24.9	23.7	22.9	23.0	24.2	26.1	24.9	24.1
	3G	24.6	25.3	26.0	24.9	23.5	22.4	21.6	21.8	22.8	24.7	23.7	23.0
	3HA	26.9	27.8	28.5	27.1	25.6	24.7	23.9	24.0	24.7	26.9	26.1	25.6
	3HB	27.8	28.1	29.2	28.0	26.3	25.8	24.9	25.0	25.4	27.2	26.9	26.9
	3HC	28.0	27.9	29.3	28.3	26.4	26.1	25.2	25.3	25.4	27.0	26.9	27.3
	3HD1	28.0	27.8	29.2	28.2	26.2	26.0	25.0	25.3	25.3	26.8	26.8	27.2
	3HD2	28.5	28.2	29.7	28.8	26.9	26.7	25.7	25.7	25.9	27.4	27.4	27.8
	3J	24.8	25.5	26.1	24.9	23.3	22.5	21.6	21.9	22.5	24.6	23.8	23.4
	3K	28.1	28.2	29.1	27.8	25.9	25.5	24.7	24.8	25.1	26.9	26.6	27.0
	3LA	27.2	27.5	28.5	27.2	25.4	25.0	24.1	24.3	24.6	26.4	26.1	26.1
	3LB	28.1	28.0	29.3	28.3	26.3	26.2	25.2	25.4	25.4	27.0	26.9	27.4
	3MA-1	25.4	26.0	26.8	25.4	23.8	23.1	22.3	22.4	22.9	25.0	24.4	24.2
	3MA-2	26.9	27.2	28.1	26.8	25.0	24.5	23.6	23.8	24.1	26.0	25.6	25.8
	3MB	27.6	27.7	28.6	27.4	25.5	25.1	24.2	24.4	24.6	26.4	26.1	26.5
	3MC	27.5	27.6	28.5	27.2	25.3	24.9	24.0	24.2	24.5	26.2	26.0	26.4
	3MD1	27.9	27.8	28.8	27.6	25.7	25.4	24.5	24.7	24.8	26.5	26.3	26.9
	3MD2	28.3	28.3	29.1	27.8	25.8	25.4	24.6	24.7	24.9	26.6	26.4	27.1
	3N	22.5	23.0	23.6	22.9	21.7	20.6	19.6	19.8	21.2	22.9	21.6	21.0

Monthly Temperature by Sub-basin

Year 2034 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.6	16.6	17.5	17.2	16.2	15.0	14.3	14.3	15.7	16.5	15.8	15.3
	4AB	16.3	17.2	18.1	17.8	16.8	15.6	14.9	14.9	16.2	17.0	16.5	16.0
	4AC	16.1	16.9	17.8	17.5	16.5	15.3	14.5	14.6	15.9	16.9	16.3	15.8
	4AD	16.4	17.2	18.1	17.7	16.7	15.5	14.7	14.7	16.1	17.2	16.5	16.1
	4BA	20.7	21.5	22.4	21.9	21.0	19.7	19.0	18.9	20.5	21.6	20.6	20.2
	4BB	17.5	18.6	19.4	18.9	18.1	16.8	16.2	16.1	17.6	18.5	17.6	17.2
	4BC	20.6	21.6	22.4	21.8	21.0	19.7	19.0	18.9	20.5	21.6	20.5	20.0
	4BD	18.7	19.4	20.3	19.7	18.8	17.6	16.8	16.8	18.3	19.5	18.5	18.1
	4BE	20.1	20.8	21.6	20.9	20.0	18.9	18.0	18.0	19.6	20.8	19.7	19.3
	4BF	22.0	22.6	23.5	22.7	21.8	20.7	19.8	19.9	21.4	22.7	21.6	21.1
	4BG	23.0	23.8	24.6	23.9	23.0	21.9	20.9	21.0	22.6	23.8	22.6	22.2
	4CA	16.8	17.1	18.0	17.3	16.3	15.3	14.3	14.5	15.9	17.1	16.2	15.8
	4CB	18.9	19.1	20.1	19.3	18.3	17.3	16.4	16.5	17.9	19.2	18.1	17.8
	4CC	22.4	22.9	23.7	23.0	22.0	20.9	19.9	20.1	21.6	22.9	21.7	21.3
	4DA	20.1	21.3	22.0	21.4	20.6	19.3	18.6	18.5	20.2	21.2	20.1	19.6
	4DB	18.2	19.5	20.1	19.5	18.8	17.5	16.8	16.7	18.4	19.3	18.2	17.7
	4DC	17.6	18.9	19.5	19.0	18.2	16.9	16.3	16.2	17.8	18.7	17.6	17.1
	4DD	22.7	23.9	24.6	24.0	23.3	21.9	21.2	21.1	22.8	23.9	22.6	22.1
	4DE	23.3	24.1	24.8	24.3	23.3	22.1	21.2	21.3	22.9	24.1	22.9	22.4
	4EA	20.3	21.5	22.3	22.0	21.1	19.9	19.3	19.3	20.8	21.6	20.5	19.9
	4EB	19.2	20.5	21.2	20.8	19.9	18.7	18.1	18.0	19.6	20.5	19.4	18.8
	4EC	22.4	23.6	24.3	23.8	23.0	21.7	21.0	20.9	22.6	23.6	22.4	21.8
	4ED	23.6	24.6	25.4	24.9	24.0	22.7	22.0	22.0	23.6	24.8	23.5	22.9
	4FA	21.0	22.3	23.1	22.8	21.9	20.8	20.2	20.3	21.7	22.5	21.4	20.7
	4FB	24.9	26.2	27.0	26.6	25.7	24.4	23.8	23.9	25.4	26.3	25.0	24.5
	4GA	26.3	27.5	28.4	28.0	27.0	25.7	25.1	25.3	26.6	27.5	26.3	25.8
	4GB	27.9	28.9	29.7	29.3	28.2	26.9	26.2	26.5	27.7	28.8	27.3	27.0
	4GC	29.8	30.5	31.2	30.8	29.5	28.3	27.4	28.0	28.9	30.0	28.4	28.4
	4GD	28.7	29.4	30.3	29.9	28.7	27.3	26.4	26.9	27.9	29.1	27.6	27.4
	4GE	27.8	28.6	29.4	28.9	27.7	26.4	25.6	25.9	27.0	28.3	27.0	26.6
	4GF	28.0	28.4	29.3	28.7	27.3	26.3	25.4	25.7	26.5	27.9	26.9	26.7
	4GG	28.4	28.2	29.6	28.8	27.0	26.7	25.8	26.0	26.2	27.5	27.3	27.6
	4HA	25.4	26.1	26.8	26.0	24.8	23.6	22.7	22.9	24.2	25.9	24.6	23.9
	4HB	28.0	28.5	29.4	28.5	27.0	26.2	25.3	25.4	26.2	27.9	27.1	26.7
	4HC	27.8	28.2	29.3	28.1	26.5	25.9	25.0	25.0	25.6	27.5	26.9	26.7
	4JA	29.9	30.1	30.7	30.3	28.7	28.2	27.3	27.9	28.5	29.4	28.4	28.5
	4JB	29.2	29.1	30.3	29.7	28.0	27.5	26.5	26.8	27.2	28.4	27.9	28.1
	4KA	29.4	29.3	30.5	29.9	28.3	27.7	26.8	27.1	27.6	28.7	28.0	28.2
	4KB	29.2	29.1	30.3	29.8	28.1	27.6	26.6	27.0	27.4	28.5	27.9	28.1
ENNCA	5AA	16.6	17.2	18.0	17.9	16.7	16.3	15.5	15.5	16.1	17.0	16.6	16.3
	5AB	16.7	17.4	18.3	18.0	17.0	16.3	15.5	15.6	16.4	17.2	16.8	16.4
	5AC	18.5	19.3	20.1	19.9	18.9	18.1	17.5	17.4	18.4	19.2	18.6	18.2
	5AD	18.5	19.4	20.2	20.0	19.0	18.2	17.3	17.5	18.5	19.3	18.7	18.2
	5BA	17.2	18.1	19.0	18.7	17.7	16.6	15.9	15.9	17.2	18.0	17.4	16.9
	5BB	15.4	16.2	17.1	16.8	15.8	14.9	14.0	14.1	15.3	16.1	15.6	15.1
	5BC-1	16.8	17.8	18.6	18.3	17.3	16.4	15.6	15.7	16.9	17.6	17.0	16.5
	5BC-2	19.1	20.0	20.9	20.6	19.6	18.7	17.9	18.0	19.2	19.9	19.3	18.8
	5BD	17.6	18.4	19.2	19.0	18.0	17.2	16.3	16.4	17.4	18.2	17.7	17.3
	5BE	15.5	16.6	17.5	17.1	16.2	15.2	14.4	14.5	15.8	16.6	15.8	15.3
	5CA	17.9	18.9	19.7	19.3	18.4	17.6	16.9	16.8	17.9	18.6	18.1	17.6
	5CB	20.9	21.8	22.5	22.2	21.2	20.4	19.6	19.8	20.7	21.3	21.0	20.3
	5CC	20.9	21.9	22.3	22.1	21.1	20.4	19.5	19.8	20.6	21.3	21.1	20.1
	5DA	20.1	21.3	22.1	21.8	20.9	19.9	19.2	19.3	20.7	21.3	20.4	19.9
	5DB	19.1	20.1	21.0	20.7	19.7	18.7	18.0	18.1	19.4	20.1	19.3	18.8
	5DC	19.1	20.1	20.9	20.6	19.6	18.8	18.1	18.1	19.2	20.0	19.3	18.8
	5DD	22.0	23.1	23.9	23.6	22.6	21.7	20.9	21.1	22.2	22.7	22.2	21.7
	5EA	29.8	30.3	30.4	29.2	26.7	27.6	26.8	27.3	27.9	28.2	27.4	27.7
	5EB	29.0	29.6	29.3	28.2	26.5	26.7	25.9	26.3	27.0	27.3	26.7	26.8
	5EC	26.7	27.8	27.7	27.1	25.8	25.3	24.5	24.8	25.5	26.0	25.9	25.1
	5ED	26.7	27.7	28.0	27.6	26.3	25.8	25.1	25.3	26.3	26.9	26.2	25.6
	5FA	29.3	29.9	30.3	30.0	28.5	28.0	27.1	27.6	28.5	29.3	28.1	28.0
	5FB	30.1	30.6	30.7	30.3	28.4	28.6	27.7	28.2	28.9	29.5	28.5	28.6
	5G	28.5	29.2	29.6	28.3	25.7	26.5	25.8	26.2	26.8	27.1	26.1	26.3
	5HA	29.4	30.2	31.4	30.3	26.8	28.5	27.9	28.1	28.8	28.9	27.4	27.6
	5HB	28.2	28.9	29.6	28.4	25.5	26.6	25.9	26.2	26.9	27.1	25.9	26.1
	5J	27.2	28.1	28.0	27.1	26.2	25.8	25.0	25.3	26.0	26.3	26.3	25.5

Monthly Temperature by Sub-basin

Year 2035 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.9	21.8	22.0	22.2	21.5	21.5	20.3	21.0	21.3	21.1	21.2	20.9
	1AB	19.0	18.9	19.0	19.2	18.5	18.5	17.4	18.1	18.3	18.1	18.2	17.9
	1AC	22.4	22.3	22.5	22.7	22.0	22.0	20.8	21.5	21.8	21.5	21.6	21.4
	1AD	24.0	23.9	24.1	24.2	23.5	23.5	22.4	23.1	23.4	23.2	23.2	23.0
	1AE	24.7	24.6	24.7	24.9	24.2	24.1	23.1	23.8	24.1	23.9	23.9	23.8
	1AF	24.0	23.9	24.0	24.2	23.5	23.5	22.4	23.1	23.4	23.1	23.2	23.0
	1AG	24.2	24.0	24.2	24.4	23.6	23.6	22.6	23.3	23.5	23.3	23.3	23.2
	1AH	24.6	24.4	24.6	24.7	24.0	23.9	23.0	23.7	24.0	23.8	23.8	23.6
	1BA	17.5	17.5	17.6	17.8	17.2	17.2	16.0	16.6	16.9	16.7	16.8	16.4
	1BB	18.3	18.3	18.4	18.7	18.1	18.0	16.8	17.5	17.7	17.5	17.7	17.2
	1BC	19.2	19.4	19.5	19.7	19.1	19.0	17.7	18.4	18.6	18.5	18.7	18.2
	1BD	19.9	19.9	20.0	20.3	19.6	19.6	18.4	19.1	19.3	19.1	19.3	18.9
	1BE	19.5	19.7	19.8	20.0	19.5	19.3	18.0	18.6	18.9	18.7	19.0	18.5
	1BG	19.6	19.7	19.8	20.0	19.4	19.3	18.0	18.6	18.9	18.7	19.0	18.5
	1BH	19.2	19.2	19.3	19.5	18.9	18.8	17.6	18.3	18.5	18.3	18.5	18.1
	1CA	18.8	18.8	18.9	19.1	18.4	18.5	17.3	18.0	18.2	18.0	18.1	17.8
	1CB	18.6	18.5	18.6	18.8	18.2	18.2	17.1	17.7	18.0	17.7	17.8	17.5
	1CC	17.9	17.8	17.9	18.1	17.4	17.5	16.4	17.1	17.3	17.1	17.2	16.8
	1CD	19.8	19.6	19.8	19.9	19.2	19.3	18.2	18.9	19.1	18.9	19.0	18.7
	1CE	20.9	20.9	21.0	21.2	20.5	20.5	19.4	20.1	20.3	20.1	20.2	19.9
	1DA	22.1	21.9	22.1	22.3	21.6	21.6	20.5	21.2	21.3	21.1	21.2	21.0
	1DB	19.4	19.3	19.5	19.7	19.0	19.0	17.8	18.5	18.7	18.5	18.6	18.3
	1DC	22.9	22.8	23.0	23.1	22.4	22.4	21.3	22.0	22.2	22.0	22.1	21.9
	1DD	23.4	23.3	23.5	23.6	22.9	22.9	21.8	22.5	22.7	22.5	22.6	22.4
	1EA	21.2	21.1	21.3	21.4	20.7	20.7	19.6	20.3	20.5	20.3	20.3	20.2
	1EB	22.8	22.7	22.8	22.9	22.2	22.2	21.2	21.9	22.0	21.8	21.8	21.7
	1EC	22.8	22.6	22.8	22.9	22.2	22.2	21.2	21.8	22.0	21.8	21.8	21.7
	1ED	23.8	23.6	23.8	23.9	23.2	23.2	22.2	22.9	23.1	22.9	22.9	22.8
	1EE	24.4	24.3	24.4	24.6	23.8	23.8	22.8	23.6	23.8	23.6	23.6	23.5
	1EF	24.7	24.5	24.6	24.8	24.0	24.0	23.0	23.8	24.1	23.9	23.9	23.7
	1EG	24.1	23.9	24.0	24.1	23.4	23.5	22.5	23.3	23.6	23.3	23.3	23.2
	1FA	17.6	17.4	17.5	17.7	17.0	17.2	16.1	16.8	17.0	16.8	16.9	16.5
	1FB	19.8	19.6	19.7	19.9	19.2	19.3	18.2	18.9	19.1	18.9	18.9	18.7
	1FC	20.1	19.9	20.1	20.2	19.5	19.6	18.5	19.3	19.5	19.3	19.3	19.1
	1FD	19.4	19.2	19.3	19.5	18.7	18.9	17.8	18.6	18.8	18.6	18.6	18.3
	1FE	22.1	21.9	22.0	22.1	21.4	21.5	20.5	21.3	21.5	21.2	21.2	21.1
	1FF	22.8	22.5	22.7	22.8	22.0	22.1	21.2	22.1	22.3	22.0	22.0	21.9
	1FG	24.5	24.2	24.3	24.5	23.7	23.8	22.9	23.7	24.0	23.7	23.7	23.5
LVSCA	1GA	18.2	17.8	17.9	18.0	17.4	17.7	16.6	17.4	17.6	17.3	17.3	17.0
	1GB	21.5	21.1	21.1	21.3	20.6	20.8	19.8	20.7	20.9	20.6	20.6	20.3
	1GC	18.5	18.0	18.0	18.2	17.7	18.0	16.8	17.5	17.8	17.6	17.6	17.1
	1GD	23.3	22.8	22.8	23.0	22.3	22.6	21.6	22.4	22.7	22.3	22.4	22.0
	1GE	23.1	22.6	22.6	22.8	22.1	22.4	21.4	22.2	22.5	22.1	22.2	21.8
	1GF	24.1	23.7	23.7	23.9	23.2	23.4	22.4	23.3	23.6	23.3	23.2	23.0
	1GG	18.8	18.4	18.4	18.6	18.0	18.3	17.2	18.0	18.2	17.9	17.9	17.5
	1HA1	22.7	22.4	22.5	22.7	21.8	22.0	21.1	22.1	22.3	22.0	22.0	21.8
	1HA2	25.0	24.7	24.8	25.0	24.1	24.3	23.4	24.4	24.6	24.4	24.3	24.1
	1HB1	24.7	24.3	24.5	24.6	23.8	23.9	23.0	24.0	24.2	23.9	23.9	23.7
	1HB2	24.1	23.8	24.0	24.2	23.3	23.4	22.5	23.6	23.9	23.6	23.5	23.4
	1HC	25.1	24.7	24.8	25.0	24.2	24.3	23.4	24.3	24.6	24.3	24.2	24.1
	1HD	23.6	23.2	23.2	23.4	22.7	22.8	21.9	22.8	23.1	22.8	22.7	22.6
	1HE	23.9	23.5	23.4	23.6	23.0	23.0	22.2	23.0	23.3	23.0	23.0	22.8
	1HF	24.6	24.2	24.1	24.3	23.6	23.7	22.8	23.7	24.0	23.7	23.6	23.5
	1HG	24.4	24.0	24.0	24.2	23.5	23.6	22.7	23.5	23.8	23.5	23.5	23.3
	1JA	18.2	17.7	17.6	17.8	17.3	17.5	16.4	17.1	17.5	17.3	17.3	16.8
	1JB	20.3	19.6	19.6	19.8	19.3	19.6	18.5	19.2	19.6	19.3	19.3	18.8
	1JC	19.2	18.6	18.6	18.8	18.2	18.6	17.5	18.2	18.5	18.2	18.3	17.7
	1JD	21.4	20.8	20.7	20.9	20.3	20.7	19.6	20.4	20.7	20.3	20.4	19.9
	1JE	20.5	20.0	19.9	20.1	19.6	19.6	18.6	19.4	19.8	19.7	19.6	19.2
	1JF	19.8	19.3	19.2	19.4	18.9	19.0	18.0	18.7	19.1	18.9	18.9	18.5
	1JG1	22.7	22.2	22.2	22.3	21.7	21.9	20.9	21.8	22.1	21.8	21.7	21.4
	1JG2	24.4	24.0	24.0	24.2	23.5	23.6	22.7	23.6	23.9	23.6	23.6	23.4
	1KA	23.2	22.8	22.6	22.8	22.2	22.2	21.4	22.2	22.6	22.3	22.2	22.1
	1KB	23.1	22.7	22.6	22.8	22.2	22.2	21.3	22.2	22.5	22.2	22.2	22.0
	1KC	22.2	21.8	21.7	21.9	21.3	21.3	20.4	21.1	21.6	21.4	21.3	21.0
	1LA1	18.4	18.0	17.9	18.1	17.6	17.7	16.6	17.2	17.7	17.6	17.5	17.1
	1LA2	21.7	21.3	21.2	21.4	20.9	20.8	19.8	20.5	21.0	20.9	20.8	20.5
	1LA3	19.9	19.7	19.6	19.9	19.5	18.9	17.6	18.0	19.0	19.4	19.1	18.8
	1LB1	18.5	18.1	18.0	18.3	17.8	17.8	16.6	17.2	17.8	17.8	17.6	17.2
	1LB2	20.3	20.0	19.9	20.2	19.7	19.4	18.3	18.8	19.5	19.6	19.5	19.1

Monthly Temperature by Sub-basin

Year 2035 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.6	28.3	28.3	28.3	27.9	27.3	26.7	27.0	27.4	27.9	27.5	27.3
	2AB	28.3	29.0	29.2	29.4	29.0	28.5	27.8	28.1	28.4	29.0	28.6	28.1
	2BA	19.8	20.0	20.2	20.4	19.8	19.7	18.5	19.2	19.4	19.3	19.4	19.0
	2BB	24.3	24.7	24.9	25.2	24.7	24.5	23.3	23.9	24.1	24.1	24.1	23.6
	2BC	22.8	23.1	23.3	23.5	23.0	22.8	21.7	22.3	22.5	22.5	22.6	22.0
	2BD	27.1	27.7	28.0	28.4	28.0	27.7	26.8	27.3	27.5	27.8	27.6	26.8
	2CA	28.5	29.2	29.6	30.0	29.7	29.3	28.5	28.9	29.1	29.5	29.2	28.4
	2CB	21.8	21.8	21.8	22.0	21.5	21.6	20.3	20.8	21.1	20.9	21.0	20.6
	2CC	26.2	26.7	26.8	27.1	26.7	26.4	25.4	25.9	26.1	26.3	26.2	25.6
	2D	24.3	24.8	24.9	25.1	24.7	24.4	23.3	23.7	24.2	24.3	24.1	23.6
	2EA	19.7	20.0	20.0	20.3	19.9	19.9	18.4	18.6	19.3	19.4	19.3	18.7
	2EB	19.4	19.7	19.7	20.0	19.6	19.6	18.1	18.3	19.0	19.1	19.0	18.3
	2EC	18.9	19.0	19.0	19.3	18.8	18.8	17.4	17.7	18.4	18.4	18.3	17.8
	2ED	17.4	17.2	17.2	17.4	16.8	17.1	15.9	16.5	16.8	16.6	16.6	16.2
	2EE	22.4	22.4	22.4	22.6	22.2	22.3	20.9	21.4	21.7	21.6	21.6	21.2
	2EF	19.8	19.7	19.7	20.0	19.4	19.7	18.4	18.9	19.3	19.1	19.1	18.7
	2EG1	16.3	16.1	16.0	16.3	15.8	15.9	14.7	15.2	15.7	15.6	15.6	15.0
	2EG2	21.9	22.0	22.0	22.3	21.8	21.9	20.5	20.9	21.4	21.4	21.3	20.8
	2EH	23.2	23.3	23.3	23.5	23.0	23.1	21.8	22.2	22.5	22.4	22.5	22.0
	2EJ	20.9	21.3	21.4	21.7	21.2	21.0	19.7	20.0	20.8	20.8	20.6	20.0
	2EK	19.3	19.6	19.7	20.0	19.6	19.5	18.1	18.4	19.0	19.0	19.0	18.3
	2FA	17.6	17.9	18.0	18.4	17.9	17.5	16.1	16.3	17.2	17.5	17.3	16.7
	2FB	18.2	18.5	18.5	18.8	18.4	18.3	16.9	17.1	17.8	17.9	17.8	17.2
	2FC	17.2	17.3	17.3	17.7	17.3	17.0	15.7	15.9	16.7	16.9	16.7	16.1
	2GA	16.9	17.3	17.4	17.8	17.4	16.8	15.4	15.6	16.6	16.9	16.7	16.1
	2GB	14.9	15.4	15.5	15.9	15.5	14.9	13.4	13.7	14.7	15.1	14.8	14.1
	2GC	13.9	14.4	14.6	15.0	14.6	13.8	12.3	12.6	13.8	14.3	13.9	13.3
	2GD	16.5	16.9	16.9	17.3	16.9	16.0	14.5	14.9	16.1	16.7	16.3	16.0
	2H-1	21.5	21.9	21.9	22.3	21.7	20.7	19.2	19.8	21.2	22.0	21.5	21.3
	2H-2	22.0	22.5	22.4	22.8	22.2	21.2	19.6	20.3	21.8	22.7	22.2	22.0
	2H-3	21.4	21.9	21.9	22.2	21.6	20.5	18.9	19.7	21.3	22.2	21.7	21.5
	2J	27.5	28.1	28.3	28.6	28.1	27.7	27.0	27.2	27.6	27.9	27.7	27.2
	2KA	18.1	18.0	17.9	18.3	17.8	17.4	16.0	16.3	17.2	17.6	17.4	17.0
	2KB	20.3	20.4	20.3	20.8	20.2	19.4	17.9	18.4	19.6	20.3	19.9	19.6
	2KC	23.2	23.5	23.4	23.8	23.1	22.2	20.7	21.4	22.7	23.4	23.0	22.8
ACA	3AA	19.5	20.0	19.9	20.3	19.7	18.7	17.0	17.8	19.3	20.2	19.7	19.5
	3AB	19.8	20.3	20.3	20.7	20.1	18.9	17.3	18.1	19.7	20.7	20.0	19.9
	3AC	20.4	21.0	21.0	21.3	20.7	19.6	18.0	18.8	20.3	21.3	20.6	20.4
	3BA	19.3	19.8	19.8	20.2	19.6	18.6	16.9	17.6	19.1	20.0	19.5	19.2
	3BB	19.2	19.8	19.8	20.2	19.7	18.6	17.0	17.7	19.2	20.0	19.5	19.3
	3BC	17.8	18.4	18.4	18.8	18.3	17.2	15.6	16.3	17.7	18.5	18.0	17.8
	3BD	18.6	19.2	19.3	19.7	19.1	18.1	16.5	17.2	18.6	19.3	18.8	18.5
	3CB	19.3	20.0	20.1	20.4	19.9	18.8	17.3	18.0	19.4	20.1	19.6	19.2
	3DA	21.5	22.2	22.2	22.6	22.0	20.8	19.3	20.0	21.5	22.4	21.7	21.4
	3DB	22.7	23.5	23.5	23.9	23.3	21.9	20.5	21.2	22.7	23.7	23.0	22.8
	3EA	20.0	20.7	20.7	21.1	20.4	19.1	17.6	18.3	19.9	20.9	20.1	20.0
	3EB	21.0	21.8	21.8	22.2	21.6	20.2	18.7	19.4	21.0	22.0	21.2	21.1
	3EC	20.8	21.6	21.7	22.1	21.4	20.0	18.5	19.3	20.9	22.0	21.2	21.1
	3ED	23.0	24.0	24.0	24.4	23.8	22.3	20.9	21.6	23.1	24.3	23.5	23.3
	3FA	22.0	23.0	22.9	23.4	22.6	21.3	19.9	20.6	22.1	23.2	22.5	22.5
	3FB	24.4	25.9	26.0	26.3	25.3	23.9	22.7	23.3	24.4	25.9	25.2	25.1
	3G	23.3	24.7	24.9	25.0	24.0	22.7	21.5	21.9	23.0	24.5	24.0	23.9
	3HA	25.7	27.3	27.7	27.4	26.2	25.2	24.2	24.2	25.0	26.6	26.3	26.2
	3HB	26.9	28.0	28.6	28.3	26.9	26.1	25.2	25.1	25.6	27.1	26.9	27.2
	3HC	27.3	27.9	28.8	28.5	26.9	26.3	25.5	25.4	25.7	27.1	26.9	27.4
	3HD1	27.2	27.8	28.7	28.3	26.7	26.2	25.5	25.4	25.6	27.1	26.9	27.5
	3HD2	27.8	28.3	29.3	29.1	27.4	26.9	26.0	25.8	26.0	27.5	27.3	27.8
	3J	23.5	24.9	25.2	25.1	23.9	22.8	21.8	22.0	22.7	24.3	24.0	24.0
	3K	27.1	27.9	28.4	28.1	26.5	25.7	25.0	24.9	25.2	26.6	26.5	27.2
	3LA	26.2	27.2	27.8	27.5	26.0	25.3	24.5	24.5	24.9	26.4	26.3	26.5
	3LB	27.4	28.0	28.8	28.5	26.8	26.3	25.6	25.5	25.7	27.2	27.0	27.6
	3MA-1	24.3	25.6	26.0	25.7	24.4	23.5	22.5	22.6	23.2	24.7	24.5	24.7
	3MA-2	25.9	26.9	27.4	27.0	25.6	24.7	23.9	23.8	24.2	25.7	25.6	26.0
	3MB	26.6	27.4	27.9	27.6	26.0	25.2	24.5	24.4	24.8	26.1	26.1	26.7
	3MC	26.5	27.3	27.8	27.4	25.9	25.0	24.3	24.2	24.5	25.9	25.9	26.6
	3MD1	27.0	27.6	28.1	27.8	26.2	25.5	24.9	24.8	25.1	26.3	26.3	27.1
	3MD2	27.3	27.9	28.3	28.0	26.3	25.5	24.9	24.8	25.1	26.4	26.5	27.4
	3N	21.4	22.3	22.3	22.7	21.9	20.6	19.2	19.9	21.4	22.5	21.8	21.8

Monthly Temperature by Sub-basin

Year 2035 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.5	16.2	16.5	16.9	16.4	15.1	14.1	14.5	16.0	16.4	15.8	14.9
	4AB	16.3	16.9	17.2	17.6	17.2	16.1	14.9	15.2	16.6	17.0	16.5	15.6
	4AC	16.0	16.5	16.9	17.4	16.9	15.7	14.6	14.8	16.3	16.7	16.2	15.3
	4AD	16.2	16.8	17.1	17.6	17.1	15.9	14.7	15.0	16.4	16.9	16.4	15.6
	4BA	20.4	21.1	21.4	21.7	21.3	19.9	18.8	19.2	20.7	21.2	20.7	19.9
	4BB	17.4	18.1	18.4	18.7	18.3	16.9	15.9	16.3	17.8	18.3	17.6	16.8
	4BC	20.3	21.1	21.3	21.6	21.2	19.8	18.8	19.2	20.7	21.2	20.5	19.8
	4BD	18.3	18.9	19.2	19.5	19.1	17.8	16.5	17.0	18.4	19.0	18.5	17.7
	4BE	19.5	20.2	20.4	20.7	20.3	19.0	17.7	18.2	19.7	20.3	19.7	19.1
	4BF	21.2	21.9	22.1	22.4	22.1	20.8	19.4	20.0	21.4	22.1	21.5	20.9
	4BG	22.4	23.1	23.3	23.6	23.2	21.8	20.6	21.1	22.6	23.3	22.7	22.1
	4CA	16.0	16.6	16.7	17.1	16.7	15.5	14.0	14.5	16.0	16.7	16.2	15.7
	4CB	17.9	18.5	18.7	19.1	18.6	17.5	16.0	16.5	18.0	18.7	18.2	17.6
	4CC	21.4	22.1	22.2	22.6	22.1	20.8	19.4	20.1	21.5	22.3	21.7	21.2
	4DA	19.9	20.7	20.9	21.1	20.8	19.3	18.4	18.8	20.3	20.7	20.1	19.4
	4DB	18.0	19.0	19.0	19.2	19.0	17.4	16.5	17.0	18.4	18.9	18.2	17.5
	4DC	17.4	18.4	18.5	18.6	18.4	16.8	16.0	16.4	17.8	18.3	17.6	16.9
	4DD	22.5	23.4	23.5	23.7	23.4	21.9	21.0	21.4	22.9	23.4	22.7	22.0
	4DE	22.7	23.5	23.5	23.8	23.5	22.0	20.7	21.3	22.8	23.5	22.9	22.4
	4EA	20.2	21.2	21.3	21.5	21.1	19.9	19.1	19.6	20.9	21.3	20.4	19.8
	4EB	19.1	20.1	20.2	20.4	20.0	18.7	17.8	18.3	19.7	20.1	19.3	18.7
	4EC	22.2	23.2	23.3	23.4	23.1	21.7	20.8	21.3	22.7	23.1	22.4	21.7
	4ED	23.2	24.1	24.2	24.5	24.1	22.7	21.6	22.1	23.6	24.2	23.5	22.9
	4FA	20.9	22.0	22.2	22.3	21.9	20.8	20.0	20.5	21.8	22.2	21.3	20.7
	4FB	24.7	25.8	26.0	26.1	25.6	24.5	23.6	24.1	25.4	25.9	25.1	24.4
	4GA	26.2	27.3	27.6	27.6	27.0	25.9	25.2	25.4	26.6	27.3	26.6	25.8
	4GB	27.5	28.8	29.0	28.9	28.2	27.0	26.4	26.6	27.5	28.5	28.0	27.1
	4GC	29.2	30.5	30.9	30.5	29.6	28.5	28.0	27.9	28.4	29.9	29.7	28.8
	4GD	28.1	29.3	29.8	29.6	28.6	27.5	26.8	26.9	27.6	29.0	28.7	27.8
	4GE	27.1	28.3	28.6	28.7	27.8	26.5	25.7	26.0	26.9	28.2	27.6	27.0
	4GF	27.1	28.1	28.6	28.7	27.6	26.5	25.6	25.8	26.6	28.1	27.6	27.3
	4GG	27.7	28.3	29.2	29.2	27.6	27.0	26.1	26.0	26.3	27.7	27.5	27.8
	4HA	24.2	25.3	25.4	25.8	25.0	23.6	22.3	23.0	24.3	25.5	24.8	24.6
	4HB	26.9	28.1	28.6	28.7	27.4	26.5	25.6	25.8	26.6	28.1	27.6	27.5
	4HC	26.7	27.9	28.5	28.4	27.0	26.2	25.1	25.3	25.9	27.4	27.0	27.2
	4JA	29.2	30.4	30.7	30.3	29.4	28.4	27.8	27.7	28.1	29.6	29.3	28.9
	4JB	28.5	29.3	30.1	30.1	28.6	27.8	27.1	27.0	27.3	28.8	28.6	28.6
	4KA	28.7	29.6	30.3	30.2	28.8	28.0	27.3	27.1	27.5	29.0	28.8	28.6
	4KB	28.5	29.3	30.1	30.2	28.7	27.9	27.1	27.0	27.3	28.9	28.6	28.5
ENNCA	5AA	16.6	17.2	17.2	17.5	17.2	16.9	15.5	15.7	16.5	16.6	16.4	15.8
	5AB	16.7	17.4	17.4	17.7	17.4	16.9	15.5	15.7	16.7	16.9	16.6	16.0
	5AC	18.5	19.2	19.3	19.5	19.2	18.6	17.4	17.7	18.7	18.9	18.4	17.8
	5AD	18.5	19.3	19.4	19.6	19.3	18.6	17.4	17.7	18.8	19.0	18.5	17.9
	5BA	17.2	17.9	18.2	18.5	18.1	17.1	15.9	16.2	17.5	17.9	17.4	16.6
	5BB	15.4	16.0	16.3	16.6	16.2	15.3	14.1	14.4	15.6	15.9	15.5	14.7
	5BC-1	16.8	17.6	17.7	18.0	17.6	16.7	15.6	15.9	17.2	17.5	16.9	16.2
	5BC-2	19.1	19.9	20.0	20.2	19.9	19.0	18.0	18.3	19.5	19.7	19.2	18.5
	5BD	17.6	18.3	18.4	18.7	18.3	17.6	16.4	16.7	17.8	18.0	17.6	16.9
	5BE	15.6	16.4	16.6	16.8	16.4	15.4	14.4	14.8	16.1	16.4	15.7	15.0
	5CA	18.0	18.8	18.9	19.0	18.7	18.0	16.9	17.2	18.3	18.5	18.0	17.4
	5CB	20.7	21.5	21.5	21.7	21.2	20.5	19.7	19.9	21.0	21.2	20.7	20.2
	5CC	20.6	21.3	21.4	21.5	21.1	20.5	19.7	19.9	20.8	21.0	20.6	20.1
	5DA	20.2	21.2	21.3	21.4	21.0	20.1	19.2	19.6	20.9	21.1	20.3	19.7
	5DB	19.1	20.0	20.1	20.3	19.9	19.0	18.0	18.4	19.6	19.9	19.2	18.6
	5DC	19.1	19.9	20.1	20.2	19.9	19.1	18.0	18.3	19.5	19.7	19.2	18.5
	5DD	22.0	22.9	23.0	23.2	22.8	22.0	21.0	21.3	22.5	22.7	22.1	21.5
	5EA	29.0	30.3	29.5	28.5	28.4	27.4	27.2	27.0	27.7	28.3	27.7	28.6
	5EB	28.1	29.2	28.4	27.6	27.3	26.4	26.1	26.0	26.8	27.4	26.8	27.6
	5EC	26.1	26.9	26.5	26.4	25.8	24.9	24.6	24.7	25.5	26.0	25.4	25.6
	5ED	26.3	27.4	27.2	27.0	26.6	25.6	25.2	25.3	26.2	26.8	26.1	25.9
	5FA	28.8	30.1	30.0	29.6	29.1	28.0	27.5	27.5	28.2	29.3	28.8	28.4
	5FB	29.5	30.7	30.4	29.8	29.4	28.5	28.1	28.0	28.6	29.6	29.1	29.1
	5G	27.6	29.2	28.5	27.5	27.3	26.3	26.1	25.9	26.7	27.1	26.5	27.6
	5HA	28.4	30.9	30.5	29.4	29.6	28.4	28.2	28.0	28.7	29.0	28.3	29.3
	5HB	27.2	29.2	28.6	27.6	27.6	26.5	26.2	26.0	26.8	27.2	26.5	27.5
	5J	26.5	27.2	27.0	26.8	26.4	25.6	25.2	25.3	26.0	26.5	26.0	26.1

Monthly Temperature by Sub-basin

Year 2036 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.5	21.6	22.0	21.5	21.7	20.8	20.6	20.9	21.2	21.3	21.3	21.5
	1AB	18.5	18.7	19.1	18.5	18.8	17.8	17.6	18.0	18.2	18.3	18.3	18.5
	1AC	22.0	22.1	22.5	22.0	22.2	21.3	21.1	21.5	21.7	21.8	21.8	22.0
	1AD	23.6	23.7	24.1	23.5	23.7	22.9	22.7	23.0	23.3	23.4	23.4	23.6
	1AE	24.3	24.3	24.7	24.2	24.4	23.5	23.3	23.7	23.9	24.1	24.0	24.3
	1AF	23.6	23.6	24.0	23.5	23.7	22.8	22.6	23.0	23.3	23.4	23.4	23.6
	1AG	23.8	23.8	24.2	23.7	23.9	23.0	22.8	23.2	23.5	23.6	23.5	23.8
	1AH	24.1	24.2	24.5	24.1	24.2	23.3	23.1	23.6	23.8	24.0	23.9	24.2
	1BA	16.9	17.3	17.8	17.1	17.4	16.5	16.2	16.6	16.7	16.8	16.9	17.1
	1BB	17.6	18.1	18.6	17.9	18.2	17.3	17.0	17.4	17.5	17.6	17.7	17.9
	1BC	18.6	19.2	19.6	19.0	19.3	18.3	18.1	18.3	18.5	18.6	18.7	18.8
	1BD	19.4	19.7	20.1	19.5	19.8	18.9	18.7	19.0	19.2	19.3	19.3	19.5
	1BE	19.0	19.5	19.9	19.3	19.6	18.5	18.3	18.6	18.7	18.9	19.0	19.1
	1BG	19.0	19.4	19.9	19.3	19.6	18.5	18.3	18.6	18.8	18.9	19.0	19.1
	1BH	18.7	19.0	19.4	18.8	19.1	18.1	17.9	18.2	18.4	18.5	18.6	18.7
	1CA	18.4	18.6	19.0	18.4	18.7	17.8	17.5	17.9	18.1	18.2	18.2	18.5
	1CB	18.1	18.4	18.8	18.2	18.4	17.6	17.3	17.7	17.9	18.0	18.0	18.3
	1CC	17.4	17.7	18.0	17.4	17.7	16.9	16.6	17.0	17.2	17.2	17.2	17.6
	1CD	19.3	19.4	19.8	19.2	19.5	18.6	18.4	18.8	19.1	19.1	19.1	19.4
	1CE	20.5	20.6	21.1	20.5	20.7	19.8	19.6	20.0	20.2	20.3	20.3	20.5
	1DA	21.7	21.7	22.1	21.6	21.8	20.9	20.7	21.1	21.4	21.4	21.4	21.7
	1DB	19.0	19.1	19.5	19.0	19.2	18.3	18.1	18.4	18.6	18.8	18.8	19.0
	1DC	22.6	22.6	23.0	22.4	22.6	21.8	21.6	22.0	22.2	22.3	22.3	22.6
	1DD	23.1	23.0	23.4	22.9	23.1	22.3	22.1	22.5	22.7	22.8	22.8	23.1
	1EA	21.0	20.8	21.2	20.7	20.9	20.1	19.9	20.3	20.6	20.7	20.6	20.9
	1EB	22.8	22.4	22.8	22.3	22.5	21.7	21.5	21.9	22.2	22.3	22.2	22.5
	1EC	22.6	22.3	22.7	22.2	22.4	21.6	21.4	21.8	22.1	22.2	22.1	22.4
	1ED	23.5	23.4	23.7	23.2	23.4	22.6	22.4	22.8	23.1	23.2	23.2	23.5
	1EE	24.0	24.0	24.4	23.9	24.1	23.2	23.0	23.5	23.7	23.8	23.8	24.1
	1EF	24.2	24.2	24.6	24.1	24.3	23.4	23.2	23.7	23.9	24.1	24.0	24.3
	1EG	23.6	23.6	24.0	23.5	23.6	22.8	22.6	23.1	23.4	23.5	23.4	23.8
	1FA	17.1	17.5	17.7	17.1	17.4	16.6	16.3	16.8	17.0	17.0	16.9	17.4
	1FB	19.3	19.4	19.7	19.2	19.4	18.6	18.4	18.8	19.1	19.1	19.1	19.4
	1FC	19.7	19.7	20.1	19.5	19.8	19.0	18.7	19.2	19.4	19.5	19.5	19.8
	1FD	18.9	19.1	19.3	18.8	19.0	18.3	18.0	18.5	18.7	18.7	18.7	19.1
	1FE	21.8	21.6	22.0	21.5	21.6	20.9	20.7	21.2	21.4	21.5	21.4	21.8
	1FF	22.3	22.3	22.6	22.1	22.3	21.5	21.3	21.9	22.1	22.2	22.1	22.5
	1FG	23.9	24.0	24.3	23.8	23.9	23.2	23.0	23.5	23.7	23.9	23.7	24.2
LVSCA	1GA	17.5	17.9	18.1	17.6	17.8	17.1	16.7	17.2	17.4	17.4	17.3	17.8
	1GB	20.7	20.8	21.1	20.6	20.8	20.1	19.9	20.4	20.6	20.7	20.6	21.1
	1GC	17.6	18.3	18.5	17.9	18.2	17.4	16.9	17.4	17.6	17.6	17.4	18.0
	1GD	22.4	22.6	22.8	22.3	22.5	21.9	21.6	22.1	22.4	22.4	22.2	22.8
	1GE	22.1	22.3	22.6	22.0	22.3	21.7	21.4	21.9	22.1	22.2	22.0	22.6
	1GF	23.3	23.4	23.7	23.2	23.4	22.7	22.4	23.0	23.2	23.3	23.1	23.6
	1GG	18.0	18.5	18.7	18.1	18.4	17.6	17.2	17.7	18.0	18.0	17.8	18.4
	1HA1	22.1	22.2	22.5	22.0	22.1	21.4	21.2	21.8	22.0	22.1	22.1	22.4
	1HA2	24.3	24.5	24.8	24.3	24.4	23.7	23.5	24.1	24.3	24.4	24.3	24.7
	1HB1	24.0	24.1	24.4	23.9	24.1	23.3	23.1	23.7	23.9	24.0	23.9	24.3
	1HB2	23.5	23.7	23.9	23.5	23.6	22.8	22.6	23.3	23.5	23.6	23.6	23.8
	1HC	24.4	24.5	24.8	24.3	24.4	23.7	23.5	24.0	24.2	24.4	24.2	24.7
	1HD	22.7	22.9	23.2	22.7	22.9	22.1	21.9	22.5	22.7	22.9	22.6	23.2
	1HE	23.0	23.2	23.5	23.0	23.1	22.4	22.1	22.7	22.9	23.2	22.8	23.4
	1HF	23.6	23.8	24.1	23.6	23.8	23.0	22.8	23.4	23.6	23.8	23.5	24.1
	1HG	23.5	23.7	24.0	23.5	23.7	22.9	22.7	23.2	23.5	23.7	23.4	24.0
	1JA	17.1	17.7	17.9	17.3	17.6	16.8	16.2	16.8	17.0	17.2	16.8	17.5
	1JB	19.1	19.6	19.8	19.2	19.6	19.0	18.5	19.0	19.3	19.3	19.0	19.8
	1JC	18.1	18.6	18.8	18.2	18.6	17.9	17.5	18.0	18.3	18.3	18.0	18.7
	1JD	20.1	20.5	20.8	20.2	20.5	19.9	19.6	20.1	20.3	20.4	20.1	20.8
	1JE	19.4	19.7	20.1	19.5	19.7	19.0	18.4	19.1	19.3	19.7	19.3	19.9
	1JF	18.7	19.1	19.4	18.8	19.1	18.3	17.8	18.4	18.6	18.9	18.5	19.1
	1JG1	21.6	21.9	22.2	21.6	21.9	21.2	20.9	21.5	21.7	21.8	21.6	22.2
	1JG2	23.5	23.7	24.0	23.5	23.7	22.9	22.7	23.3	23.5	23.7	23.5	24.0
	1KA	22.2	22.3	22.7	22.2	22.4	21.6	21.3	21.9	22.1	22.4	21.9	22.6
	1KB	22.1	22.3	22.7	22.2	22.3	21.5	21.3	21.9	22.0	22.3	22.0	22.6
	1KC	21.2	21.5	21.8	21.3	21.5	20.7	20.2	20.8	21.1	21.5	21.0	21.6
	1LA1	17.4	18.0	18.3	17.7	17.9	17.1	16.3	16.9	17.2	17.5	17.1	17.7
	1LA2	20.7	21.0	21.4	20.9	21.0	20.2	19.6	20.3	20.5	21.0	20.5	21.1
	1LA3	19.3	19.8	20.1	19.5	19.3	18.3	17.1	17.8	18.6	19.6	18.8	19.2
	1LB1	17.7	18.2	18.5	18.0	18.1	17.2	16.4	17.0	17.2	17.7	17.2	17.8
	1LB2	19.5	19.9	20.3	19.8	19.8	18.9	18.0	18.7	19.1	19.7	19.1	19.6

Monthly Temperature by Sub-basin

Year 2036 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	28.0	28.9	28.5	28.4	28.3	26.2	26.0	26.7	27.5	27.7	27.2	27.3
	2AB	28.7	29.6	29.3	29.4	29.3	27.0	27.0	27.7	28.6	28.8	28.1	27.9
	2BA	19.4	19.9	20.3	19.8	20.0	18.9	18.7	19.1	19.3	19.4	19.4	19.4
	2BB	24.2	24.7	25.0	24.7	24.8	23.5	23.3	23.8	24.1	24.2	24.1	24.0
	2BC	22.5	23.0	23.4	23.0	23.1	21.8	21.7	22.2	22.5	22.6	22.5	22.4
	2BD	27.3	28.0	28.1	28.3	28.3	26.2	26.2	26.9	27.6	27.8	27.0	26.7
	2CA	28.8	29.7	29.7	30.0	30.0	27.6	27.7	28.4	29.3	29.5	28.5	28.1
	2CB	21.3	21.9	22.3	21.6	21.9	20.9	20.4	20.8	20.9	21.0	21.0	21.4
	2CC	26.2	26.9	27.1	27.0	27.0	25.3	25.1	25.6	26.1	26.3	25.9	25.8
	2D	24.3	25.1	25.5	25.1	25.2	23.7	23.2	23.7	24.1	24.3	24.1	24.1
	2EA	19.7	20.8	21.2	20.6	20.7	19.6	18.8	19.1	19.4	19.6	19.6	19.8
	2EB	19.2	20.3	20.7	20.2	20.3	19.1	18.4	18.6	19.0	19.3	19.3	19.4
	2EC	18.9	20.0	20.1	19.6	19.7	18.6	17.8	18.3	18.5	18.6	18.5	18.9
	2ED	16.8	17.6	17.8	17.2	17.4	16.5	16.0	16.4	16.6	16.6	16.5	17.0
	2EE	22.0	22.8	23.1	22.5	22.7	21.7	21.1	21.5	21.6	21.7	21.7	22.1
	2EF	19.4	20.2	20.4	19.8	20.0	19.1	18.4	18.9	19.0	19.1	19.0	19.5
	2EG1	15.7	16.6	16.8	16.2	16.4	15.4	14.6	15.1	15.3	15.5	15.2	15.8
	2EG2	21.6	22.6	22.9	22.3	22.5	21.4	20.7	21.1	21.3	21.5	21.4	21.7
	2EH	22.8	23.7	24.0	23.4	23.6	22.6	22.0	22.4	22.5	22.6	22.6	22.9
	2EJ	20.7	21.8	22.3	21.9	21.9	20.6	19.9	20.1	20.7	21.0	20.9	20.8
	2EK	19.1	20.1	20.6	20.1	20.1	19.0	18.4	18.6	19.0	19.2	19.2	19.3
	2FA	17.8	19.0	19.3	18.9	18.8	17.5	16.6	17.0	17.5	17.9	17.6	17.8
	2FB	18.7	19.9	20.0	19.5	19.6	18.3	17.6	18.0	18.2	18.3	18.1	18.6
	2FC	17.4	18.5	18.6	18.1	18.2	17.0	16.2	16.6	16.9	17.1	16.9	17.3
	2GA	17.1	18.2	18.6	18.3	18.2	16.8	15.8	16.3	16.8	17.3	17.0	17.1
	2GB	15.0	16.2	16.7	16.4	16.2	14.8	13.9	14.2	15.0	15.5	15.2	15.2
	2GC	13.9	15.2	15.7	15.4	15.1	13.6	12.6	12.8	14.1	14.8	14.3	14.3
	2GD	16.7	17.7	18.0	17.5	17.2	15.8	14.6	15.1	16.2	17.1	16.3	16.6
	2H-1	21.8	22.8	23.0	22.1	21.7	20.3	19.0	19.5	21.0	22.2	21.1	21.5
	2H-2	22.4	23.5	23.7	22.7	22.1	20.7	19.5	20.0	21.6	22.8	21.7	22.1
	2H-3	21.9	22.9	23.2	22.1	21.5	20.0	18.9	19.4	21.0	22.2	21.2	21.5
	2J	27.8	28.6	28.5	28.5	28.5	26.4	26.4	26.9	27.7	27.9	27.2	27.2
	2KA	17.7	18.4	18.7	18.2	18.1	17.0	15.7	16.4	17.0	17.8	17.2	17.6
	2KB	20.3	21.0	21.3	20.6	20.2	18.9	17.5	18.1	19.4	20.5	19.6	19.9
	2KC	23.4	24.2	24.5	23.7	23.2	21.9	20.5	21.1	22.5	23.7	22.6	23.0
ACA	3AA	19.9	21.0	21.2	20.2	19.6	18.2	17.0	17.5	19.1	20.3	19.2	19.5
	3AB	20.3	21.4	21.7	20.6	20.0	18.5	17.3	17.8	19.4	20.7	19.7	19.9
	3AC	20.7	21.9	22.2	21.3	20.7	19.2	18.0	18.5	20.1	21.4	20.3	20.6
	3BA	19.6	20.7	20.9	20.0	19.5	18.0	16.8	17.3	19.0	20.1	19.0	19.4
	3BB	19.6	20.7	20.9	20.1	19.6	18.1	16.9	17.3	19.0	20.2	19.1	19.4
	3BC	18.1	19.2	19.4	18.6	18.1	16.7	15.4	15.9	17.7	18.9	17.8	18.0
	3BD	18.8	20.0	20.2	19.6	19.1	17.6	16.3	16.7	18.6	19.8	18.7	18.9
	3CB	19.4	20.6	21.0	20.4	19.9	18.4	17.1	17.5	19.4	20.6	19.5	19.8
	3DA	21.6	22.9	23.3	22.5	22.0	20.4	19.2	19.7	21.4	22.7	21.7	21.8
	3DB	23.1	24.4	24.7	23.8	23.2	21.6	20.4	20.9	22.6	23.9	23.0	23.0
	3EA	20.3	21.5	22.0	21.0	20.4	18.7	17.6	18.1	19.7	21.0	20.1	20.2
	3EB	21.4	22.6	23.1	22.1	21.5	19.8	18.7	19.2	20.8	22.1	21.2	21.3
	3EC	21.5	22.6	23.0	21.9	21.3	19.6	18.5	19.0	20.7	21.9	21.1	21.2
	3ED	23.8	24.9	25.2	24.2	23.6	22.0	20.9	21.3	23.0	24.3	23.5	23.5
	3FA	23.0	24.0	24.2	23.1	22.5	20.9	19.8	20.3	21.9	23.1	22.3	22.4
	3FB	26.0	26.9	26.9	25.8	24.9	23.5	22.5	22.8	24.1	25.3	25.1	25.1
	3G	24.6	25.6	25.6	24.4	23.5	22.3	21.2	21.4	22.6	23.9	23.9	24.0
	3HA	27.0	28.0	28.0	26.7	25.6	24.7	23.6	23.5	24.6	25.8	26.3	26.5
	3HB	27.8	28.5	28.7	27.5	26.3	25.7	24.7	24.6	25.7	26.8	27.5	27.8
	3HC	28.0	28.5	28.9	27.9	26.5	26.1	25.1	25.0	25.9	27.0	27.7	28.0
	3HD1	28.1	28.5	28.9	27.9	26.4	26.1	24.9	24.7	25.6	26.7	27.6	27.9
	3HD2	28.4	28.8	29.3	28.4	26.8	26.6	25.5	25.4	26.3	27.4	28.1	28.4
	3J	24.8	25.6	25.6	24.4	23.3	22.4	21.2	21.2	22.4	23.6	24.1	24.3
	3K	27.7	28.2	28.5	27.3	26.0	25.5	24.3	24.2	25.2	26.3	27.3	27.7
	3LA	27.2	27.9	28.1	26.9	25.6	25.0	23.9	23.8	24.8	26.0	26.7	27.0
	3LB	28.2	28.6	29.0	28.0	26.5	26.2	24.9	24.7	25.6	26.7	27.6	28.0
	3MA-1	25.3	26.2	26.2	25.0	23.8	23.1	22.0	21.9	23.0	24.2	24.8	25.1
	3MA-2	26.6	27.2	27.4	26.3	25.0	24.4	23.3	23.2	24.2	25.4	26.2	26.6
	3MB	27.3	27.7	28.0	26.9	25.6	25.1	23.8	23.7	24.6	25.8	26.8	27.2
	3MC	27.1	27.6	27.8	26.7	25.4	24.9	23.6	23.5	24.4	25.6	26.6	27.1
	3MD1	27.6	27.9	28.2	27.2	25.9	25.4	24.1	23.9	24.8	25.9	26.9	27.4
	3MD2	27.8	28.2	28.5	27.4	26.0	25.5	24.1	23.9	24.8	26.0	27.2	27.8
	3N	22.4	23.4	23.6	22.5	21.7	20.2	19.1	19.6	21.1	22.4	21.6	21.7

Monthly Temperature by Sub-basin

Year 2036 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.8	16.2	17.3	17.2	16.7	14.7	13.4	13.8	15.9	17.0	16.2	15.4
	4AB	15.7	17.1	18.1	18.0	17.5	15.6	14.5	14.7	16.6	17.6	16.9	16.3
	4AC	15.3	16.8	17.8	17.8	17.2	15.4	14.2	14.4	16.4	17.4	16.7	16.1
	4AD	15.6	17.1	17.9	17.9	17.2	15.4	14.1	14.4	16.5	17.6	16.8	16.3
	4BA	19.8	21.3	22.2	22.1	21.4	19.5	18.1	18.5	20.7	21.9	20.9	20.3
	4BB	16.7	18.2	19.2	19.1	18.5	16.5	15.2	15.6	17.8	18.9	18.0	17.2
	4BC	19.7	21.3	22.1	21.9	21.4	19.4	18.1	18.5	20.6	21.9	20.9	20.2
	4BD	17.7	19.3	19.9	19.8	19.2	17.3	15.9	16.3	18.5	19.7	18.7	18.3
	4BE	19.0	20.6	21.2	20.9	20.4	18.6	17.2	17.6	19.7	21.0	19.9	19.6
	4BF	20.9	22.4	22.9	22.6	22.1	20.4	19.1	19.4	21.5	22.7	21.7	21.4
	4BG	22.1	23.6	24.2	23.8	23.3	21.5	20.2	20.6	22.6	23.9	22.8	22.4
	4CA	15.8	17.1	17.5	17.1	16.5	14.9	13.6	14.0	16.1	17.3	16.2	16.3
	4CB	17.7	19.0	19.5	19.1	18.6	17.0	15.6	16.0	18.2	19.3	18.3	18.3
	4CC	21.3	22.8	23.2	22.6	22.1	20.5	19.2	19.6	21.6	22.8	21.8	21.7
	4DA	19.3	20.8	21.8	21.5	21.0	19.0	17.7	18.1	20.2	21.4	20.4	19.6
	4DB	17.5	18.9	19.9	19.6	19.2	17.1	15.8	16.3	18.3	19.6	18.6	17.7
	4DC	16.9	18.3	19.4	19.1	18.6	16.5	15.3	15.8	17.7	19.0	18.0	17.1
	4DD	21.9	23.5	24.4	24.1	23.6	21.6	20.3	20.8	22.8	24.1	23.0	22.2
	4DE	22.5	24.0	24.6	24.0	23.5	21.7	20.4	20.8	22.8	24.1	23.1	22.7
	4EA	19.7	21.1	22.1	21.8	21.5	19.4	18.2	18.8	20.8	21.8	20.9	19.9
	4EB	18.6	20.0	21.0	20.7	20.3	18.2	17.0	17.6	19.6	20.7	19.8	18.8
	4EC	21.7	23.2	24.1	23.8	23.4	21.3	20.0	20.6	22.6	23.8	22.8	21.9
	4ED	22.9	24.4	25.2	24.7	24.3	22.3	21.0	21.6	23.5	24.8	23.8	23.1
	4FA	20.5	21.9	22.9	22.6	22.3	20.2	19.1	19.8	21.6	22.6	21.8	20.7
	4FB	24.3	25.8	26.7	26.4	26.0	24.0	22.8	23.4	25.3	26.4	25.6	24.4
	4GA	25.9	27.2	28.3	27.9	27.4	25.5	24.3	24.8	26.5	27.7	26.9	25.6
	4GB	27.5	28.8	29.7	29.3	28.5	26.8	25.7	26.0	27.5	28.7	28.2	26.7
	4GC	29.7	30.6	31.4	30.9	29.8	28.4	27.4	27.5	28.5	29.7	29.6	27.7
	4GD	28.5	29.5	30.3	29.8	28.8	27.4	26.4	26.6	27.7	29.0	28.7	27.0
	4GE	27.6	28.7	29.4	28.8	27.9	26.4	25.4	25.7	27.0	28.2	27.8	26.6
	4GF	28.0	29.0	29.4	28.7	27.5	26.4	25.5	25.7	26.9	28.1	27.9	27.2
	4GG	28.4	29.0	29.5	28.9	27.1	26.8	25.7	25.6	26.5	27.6	28.1	28.1
	4HA	25.2	26.4	26.5	25.5	24.8	23.3	22.2	22.6	24.1	25.4	24.8	24.7
	4HB	28.3	29.2	29.4	28.4	27.3	26.3	25.4	25.5	26.7	27.9	27.9	27.5
	4HC	27.9	28.7	28.8	27.7	26.5	25.8	24.5	24.5	25.6	26.7	27.2	27.4
	4JA	29.8	30.7	31.2	30.8	29.5	28.4	27.4	27.5	28.4	29.4	29.4	28.0
	4JB	29.4	30.1	30.6	30.2	28.5	27.9	26.6	26.6	27.4	28.4	28.8	28.2
	4KA	29.4	30.2	30.7	30.3	28.6	28.0	26.9	26.9	27.7	28.7	29.0	28.1
	4KB	29.3	29.9	30.6	30.1	28.4	27.8	26.8	26.8	27.6	28.7	28.9	28.1
ENNCA	5AA	16.6	17.7	18.3	17.8	17.8	16.6	15.7	16.0	16.4	16.8	16.8	16.7
	5AB	16.7	17.9	18.6	18.1	18.0	16.7	15.7	16.1	16.8	17.3	17.1	16.9
	5AC	18.6	19.8	20.4	20.0	19.9	18.5	17.5	18.0	18.8	19.2	19.0	18.7
	5AD	18.6	19.8	20.5	20.1	20.0	18.5	17.5	18.0	18.9	19.4	19.1	18.7
	5BA	16.7	18.2	19.1	18.9	18.5	16.7	15.7	15.8	17.5	18.5	17.8	17.2
	5BB	15.3	16.5	17.4	17.2	16.9	15.2	14.2	14.4	15.7	16.5	16.0	15.6
	5BC-1	16.5	17.9	18.7	18.4	18.1	16.3	15.3	15.6	17.1	17.9	17.4	16.8
	5BC-2	18.7	20.3	20.9	20.5	20.3	18.6	17.7	18.0	19.3	20.1	19.6	19.0
	5BD	17.6	18.8	19.6	19.2	19.0	17.5	16.5	16.9	17.8	18.4	18.1	17.8
	5BE	15.0	16.5	17.4	17.0	16.7	14.8	13.8	14.2	15.9	16.8	16.2	15.3
	5CA	18.1	19.3	19.9	19.5	19.4	17.9	17.0	17.5	18.4	18.8	18.5	18.2
	5CB	20.5	21.7	22.3	22.0	21.9	20.2	19.2	19.7	20.8	21.4	21.1	20.6
	5CC	20.6	21.7	22.2	21.9	21.8	20.2	19.4	19.8	20.7	21.1	20.8	20.6
	5DA	19.7	21.1	22.0	21.6	21.4	19.5	18.4	19.0	20.6	21.5	20.8	19.9
	5DB	18.6	20.3	20.9	20.5	20.3	18.4	17.5	17.8	19.4	20.3	19.7	18.8
	5DC	19.0	20.4	21.0	20.7	20.5	18.9	17.9	18.3	19.5	20.1	19.7	19.2
	5DD	21.6	23.2	23.8	23.4	23.2	21.4	20.4	20.8	22.3	23.1	22.6	21.8
	5EA	29.7	30.7	30.0	29.5	29.0	27.3	26.4	26.7	27.4	28.0	28.2	28.3
	5EB	28.7	29.8	28.9	28.3	27.9	26.2	25.3	25.8	26.7	27.1	27.3	27.6
	5EC	26.2	27.3	27.2	26.9	26.7	24.9	23.9	24.4	25.4	25.9	25.7	25.9
	5ED	26.3	27.6	28.0	27.7	27.3	25.4	24.4	24.9	26.1	26.9	26.4	25.8
	5FA	29.1	30.2	30.7	30.3	29.5	27.9	26.9	27.2	28.1	29.2	28.9	27.7
	5FB	29.9	31.0	31.2	30.8	30.1	28.5	27.5	27.7	28.5	29.4	29.3	28.6
	5G	28.6	29.5	28.8	28.1	27.7	26.1	25.2	25.6	26.5	26.9	27.0	27.4
	5HA	30.2	30.8	30.8	30.0	29.7	28.1	27.2	27.5	28.5	28.8	28.8	28.8
	5HB	28.6	29.4	28.8	28.1	27.8	26.2	25.3	25.6	26.6	26.9	27.0	27.2
	5J	26.9	27.9	27.4	27.2	27.0	25.1	24.5	25.1	26.0	26.3	26.0	26.3

Monthly Temperature by Sub-basin

Year 2037 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.6	22.7	24.0	21.5	20.9	21.1	20.8	21.2	22.4	21.9	21.1	21.2
	1AB	18.7	19.7	21.0	18.5	18.0	18.1	17.9	18.2	19.4	19.0	18.1	18.2
	1AC	22.1	23.2	24.6	22.0	21.4	21.6	21.3	21.7	22.9	22.5	21.6	21.7
	1AD	23.7	24.8	26.2	23.5	23.0	23.1	22.9	23.3	24.6	24.1	23.2	23.2
	1AE	24.4	25.6	26.9	24.1	23.6	23.7	23.6	24.0	25.5	24.8	23.8	23.8
	1AF	23.7	24.8	26.2	23.5	23.0	23.1	22.9	23.3	24.6	24.1	23.2	23.2
	1AG	23.8	25.0	26.4	23.7	23.1	23.2	23.1	23.4	24.8	24.3	23.3	23.3
	1AH	24.2	25.5	26.8	24.0	23.4	23.6	23.5	23.8	25.4	24.7	23.6	23.7
	1BA	17.2	18.2	19.4	17.2	16.6	16.7	16.4	17.0	17.8	17.5	16.8	16.9
	1BB	17.9	19.1	20.3	17.9	17.5	17.6	17.2	17.7	18.7	18.3	17.6	17.7
	1BC	19.0	20.1	21.2	19.0	18.5	18.6	18.2	18.6	19.6	19.3	18.5	18.7
	1BD	19.7	20.7	21.9	19.6	19.1	19.2	18.8	19.3	20.3	20.0	19.2	19.3
	1BE	19.4	20.3	21.4	19.3	18.8	18.9	18.5	18.8	19.8	19.6	18.8	19.0
	1BG	19.4	20.4	21.5	19.3	18.8	18.9	18.5	18.8	19.9	19.6	18.8	19.0
	1BH	18.9	19.9	21.2	18.8	18.3	18.4	18.1	18.4	19.5	19.2	18.4	18.5
	1CA	18.6	19.6	20.9	18.4	17.9	18.0	17.8	18.2	19.3	18.9	18.1	18.2
	1CB	18.4	19.4	20.7	18.2	17.7	17.8	17.5	18.0	19.0	18.6	17.8	18.0
	1CC	17.7	18.6	19.9	17.5	16.9	17.1	16.8	17.3	18.3	17.9	17.1	17.2
	1CD	19.4	20.5	21.9	19.3	18.7	18.9	18.6	19.1	20.2	19.8	18.9	19.0
	1CE	20.7	21.7	23.1	20.5	20.0	20.1	19.8	20.2	21.4	21.0	20.1	20.2
	1DA	21.8	22.9	24.3	21.6	21.1	21.2	20.9	21.3	22.5	22.1	21.2	21.3
	1DB	19.1	20.2	21.5	19.0	18.4	18.6	18.3	18.6	19.8	19.4	18.6	18.7
	1DC	22.6	23.7	25.2	22.5	21.9	22.0	21.8	22.2	23.4	23.0	22.1	22.2
	1DD	23.1	24.2	25.7	22.9	22.4	22.5	22.3	22.7	24.0	23.5	22.6	22.6
	1EA	21.0	22.1	23.6	20.8	20.2	20.3	20.1	20.5	21.8	21.3	20.4	20.5
	1EB	22.6	23.7	25.4	22.4	21.8	21.8	21.6	22.0	23.3	22.8	22.0	22.0
	1EC	22.5	23.6	25.2	22.3	21.7	21.8	21.6	22.0	23.3	22.8	21.9	22.0
	1ED	23.4	24.6	26.1	23.3	22.7	22.8	22.7	23.0	24.5	23.9	22.9	22.9
	1EE	24.0	25.3	26.7	23.8	23.3	23.4	23.3	23.7	25.3	24.6	23.5	23.5
	1EF	24.2	25.6	26.9	24.0	23.5	23.6	23.5	23.9	25.5	24.8	23.7	23.7
	1EG	23.6	24.9	26.4	23.4	22.9	23.0	23.0	23.4	24.9	24.2	23.2	23.1
	1FA	17.3	18.3	19.7	17.2	16.6	16.8	16.6	17.0	18.1	17.7	16.9	16.9
	1FB	19.4	20.5	21.9	19.3	18.7	18.8	18.6	19.1	20.3	19.8	18.9	19.0
	1FC	19.8	20.8	22.3	19.6	19.0	19.2	19.0	19.4	20.7	20.2	19.3	19.3
	1FD	19.0	20.0	21.5	18.9	18.3	18.5	18.3	18.7	19.9	19.4	18.5	18.6
	1FE	21.6	22.9	24.5	21.5	20.9	21.1	21.0	21.4	22.8	22.2	21.2	21.2
	1FF	22.2	23.5	25.1	22.1	21.5	21.7	21.7	22.1	23.7	22.9	21.9	21.8
	1FG	23.9	25.3	26.7	23.7	23.2	23.4	23.4	23.8	25.4	24.6	23.5	23.5
LVSCA	1GA	17.8	18.7	20.0	17.7	17.1	17.3	17.0	17.5	18.6	18.1	17.3	17.4
	1GB	20.9	22.0	23.4	20.7	20.2	20.3	20.2	20.7	22.0	21.4	20.4	20.4
	1GC	18.0	18.7	19.9	18.0	17.3	17.5	17.2	17.8	18.5	18.2	17.5	17.7
	1GD	22.7	23.7	25.0	22.4	21.9	22.1	22.0	22.5	23.7	23.0	22.1	22.1
	1GE	22.5	23.5	24.8	22.2	21.7	21.9	21.7	22.2	23.4	22.8	21.8	21.9
	1GF	23.5	24.7	25.9	23.2	22.7	22.9	22.8	23.3	24.8	24.0	22.9	22.9
	1GG	18.4	19.2	20.5	18.2	17.6	17.8	17.6	18.0	19.0	18.5	17.8	17.9
	1HA1	22.0	23.4	24.9	21.9	21.3	21.6	21.6	22.1	23.7	22.9	21.8	21.7
	1HA2	24.3	25.6	27.1	24.2	23.7	23.9	24.0	24.4	26.0	25.2	24.1	24.0
	1HB1	24.0	25.4	26.8	23.8	23.3	23.5	23.5	24.0	25.6	24.8	23.6	23.6
	1HB2	23.3	24.8	26.3	23.3	22.7	23.0	23.2	23.6	25.3	24.5	23.3	23.1
	1HC	24.4	25.8	27.1	24.2	23.7	23.9	23.9	24.3	25.9	25.1	24.0	23.9
	1HD	22.9	24.4	25.5	22.6	22.3	22.4	22.3	22.9	24.4	23.5	22.3	22.3
	1HE	23.2	24.8	25.7	22.8	22.5	22.6	22.5	23.1	24.7	23.8	22.5	22.5
	1HF	23.8	25.3	26.4	23.6	23.2	23.3	23.2	23.7	25.3	24.5	23.3	23.2
	1HG	23.7	25.1	26.3	23.5	23.0	23.1	23.1	23.6	25.2	24.3	23.2	23.1
	1JA	17.7	18.5	19.3	17.5	16.9	17.0	16.6	17.1	17.9	17.8	17.0	17.2
	1JB	19.7	20.5	21.6	19.5	19.0	19.2	18.9	19.4	20.3	19.8	19.0	19.2
	1JC	18.6	19.5	20.6	18.4	18.0	18.2	17.9	18.4	19.2	18.8	18.0	18.1
	1JD	20.7	21.6	22.8	20.4	20.0	20.2	19.9	20.4	21.4	20.9	20.0	20.1
	1JE	19.9	21.1	21.8	19.5	19.1	19.1	18.9	19.4	20.7	20.3	19.2	19.3
	1JF	19.2	20.2	21.1	18.9	18.4	18.5	18.2	18.7	19.8	19.5	18.5	18.6
	1JG1	21.9	23.2	24.4	21.7	21.3	21.4	21.3	21.8	23.2	22.4	21.3	21.4
	1JG2	23.7	25.1	26.3	23.4	23.0	23.2	23.2	23.7	25.2	24.4	23.2	23.2
	1KA	22.5	24.1	24.9	22.0	21.8	21.8	21.7	22.3	24.0	23.0	21.6	21.7
	1KB	22.4	23.9	24.8	22.0	21.7	21.8	21.7	22.2	23.8	23.0	21.7	21.7
	1KC	21.5	22.9	23.6	21.3	20.8	20.9	20.6	21.2	22.6	22.1	20.9	21.0
	1LA1	18.0	18.8	19.4	17.8	17.2	17.2	16.7	17.2	18.1	18.1	17.3	17.5
	1LA2	21.2	22.3	23.0	20.9	20.3	20.3	20.0	20.6	21.8	21.7	20.5	20.7
	1LA3	19.7	20.6	21.1	19.6	18.7	18.3	17.6	18.4	19.5	19.8	19.0	19.2
	1LB1	18.2	19.0	19.5	18.0	17.3	17.3	16.7	17.3	18.1	18.3	17.5	17.8
	1LB2	20.0	21.0	21.4	19.8	19.1	19.0	18.4	18.9	20.0	20.3	19.3	19.5

Monthly Temperature by Sub-basin

Year 2037 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	28.3	28.8	29.0	27.0	27.5	27.7	26.6	27.3	28.2	27.7	26.8	27.2
	2AB	28.9	29.3	29.8	27.6	28.5	28.7	27.5	28.3	29.3	28.7	27.5	27.9
	2BA	19.6	20.6	21.8	19.5	19.2	19.3	18.9	19.4	20.4	20.1	19.2	19.3
	2BB	24.3	25.1	26.2	24.0	23.9	24.0	23.4	24.2	25.0	24.7	23.8	24.0
	2BC	22.8	23.6	24.8	22.4	22.3	22.4	21.9	22.4	23.5	23.1	22.1	22.3
	2BD	27.4	27.9	28.8	26.4	27.2	27.5	26.3	27.1	28.2	27.7	26.4	26.8
	2CA	29.1	29.4	30.1	27.8	28.9	29.1	27.8	28.7	29.7	29.1	27.8	28.2
	2CB	21.7	22.3	23.4	21.7	20.9	21.0	20.6	21.3	21.7	21.7	21.1	21.4
	2CC	26.5	26.9	27.7	25.9	26.0	26.1	25.2	26.0	26.7	26.4	25.6	25.9
	2D	24.7	25.1	25.9	24.5	23.9	24.1	23.4	24.0	24.6	24.5	24.0	24.3
	2EA	20.3	20.4	21.4	20.5	19.4	19.4	19.0	19.7	19.9	20.2	19.9	20.1
	2EB	19.9	19.9	21.0	20.1	18.9	19.0	18.6	19.3	19.4	19.8	19.5	19.7
	2EC	19.4	19.7	20.5	19.6	18.6	18.7	18.1	18.7	19.1	19.3	18.9	19.1
	2ED	17.2	17.7	18.8	17.3	16.4	16.6	16.3	17.0	17.4	17.3	16.7	16.9
	2EE	22.5	22.8	23.9	22.6	21.6	21.7	21.3	22.0	22.3	22.3	21.9	22.1
	2EF	19.8	20.2	21.3	19.9	19.0	19.1	18.7	19.5	19.7	19.7	19.2	19.5
	2EG1	16.2	16.6	17.4	16.3	15.4	15.4	14.9	15.6	15.9	16.1	15.6	15.9
	2EG2	22.2	22.4	23.4	22.3	21.3	21.4	21.0	21.6	21.8	22.0	21.7	21.9
	2EH	23.3	23.7	24.7	23.4	22.5	22.6	22.2	22.8	23.1	23.2	22.8	23.0
	2EJ	21.4	21.6	22.7	21.6	20.6	20.6	20.2	20.6	21.2	21.4	21.1	21.2
	2EK	19.8	19.9	21.0	19.9	18.8	18.8	18.4	19.1	19.4	19.6	19.4	19.5
	2FA	18.5	18.7	19.5	18.6	17.7	17.6	17.0	17.3	18.1	18.5	18.0	18.3
	2FB	19.2	19.5	20.3	19.3	18.4	18.4	17.8	18.3	18.9	19.0	18.6	18.8
	2FC	17.9	18.3	19.0	18.0	17.1	17.1	16.4	16.9	17.5	17.8	17.3	17.6
	2GA	17.8	18.0	18.8	18.0	17.1	16.9	16.3	16.6	17.4	17.9	17.4	17.7
	2GB	15.9	16.0	17.0	16.1	15.1	15.0	14.4	14.8	15.6	15.9	15.5	15.7
	2GC	15.0	15.2	16.1	15.1	14.2	14.0	13.2	13.7	14.8	14.9	14.5	14.7
	2GD	17.4	17.9	18.5	17.3	16.4	16.0	15.1	15.8	16.8	17.1	16.7	16.9
	2H-1	22.3	23.1	23.9	22.3	21.0	20.4	19.5	20.4	21.8	22.0	21.5	21.7
	2H-2	22.9	23.7	24.7	23.0	21.6	20.9	19.9	20.9	22.5	22.5	22.0	22.3
	2H-3	22.4	23.2	24.2	22.5	21.0	20.3	19.4	20.3	22.0	22.0	21.5	21.8
	2J	28.0	28.5	29.1	26.9	27.5	27.7	26.6	27.3	28.4	27.8	26.7	27.1
	2KA	18.2	18.9	19.2	18.2	17.2	17.0	16.2	16.8	17.6	18.4	17.6	17.9
	2KB	20.7	21.5	22.0	20.7	19.5	18.9	18.0	18.9	20.0	20.6	20.0	20.3
	2KC	23.8	24.6	25.2	23.8	22.6	22.0	21.0	21.9	23.3	23.6	23.0	23.3
ACA	3AA	20.4	21.2	22.2	20.5	19.1	18.4	17.4	18.4	20.1	20.0	19.5	19.8
	3AB	20.8	21.7	22.6	20.9	19.4	18.7	17.8	18.8	20.4	20.5	19.9	20.2
	3AC	21.5	22.3	23.3	21.6	20.2	19.5	18.5	19.5	21.2	21.2	20.6	20.9
	3BA	20.2	21.0	21.9	20.2	18.9	18.2	17.3	18.3	19.9	19.8	19.3	19.6
	3BB	20.3	21.1	22.0	20.3	19.0	18.3	17.4	18.4	20.0	19.9	19.4	19.7
	3BC	18.9	19.6	20.6	18.9	17.7	17.0	16.0	17.0	18.6	18.5	18.0	18.2
	3BD	19.8	20.5	21.5	19.8	18.6	17.9	16.9	18.0	19.6	19.4	18.9	19.2
	3CB	20.6	21.4	22.4	20.7	19.4	18.7	17.8	18.8	20.4	20.3	19.8	20.0
	3DA	22.8	23.6	24.6	22.9	21.4	20.8	19.8	20.8	22.4	22.4	21.9	22.1
	3DB	24.0	24.9	25.7	24.2	22.6	22.0	21.1	22.0	23.6	23.7	23.0	23.2
	3EA	21.2	22.1	22.9	21.2	19.7	19.1	18.2	19.2	20.7	20.8	20.2	20.4
	3EB	22.3	23.2	24.0	22.4	20.8	20.2	19.3	20.2	21.9	21.9	21.3	21.5
	3EC	22.1	23.0	23.8	22.2	20.6	20.0	19.1	20.1	21.7	21.7	21.1	21.2
	3ED	24.4	25.4	26.1	24.6	23.0	22.4	21.5	22.4	24.0	24.1	23.4	23.5
	3FA	23.2	24.2	24.9	23.5	21.8	21.3	20.3	21.2	22.8	22.9	22.2	22.4
	3FB	25.7	26.6	27.2	26.0	24.2	23.9	23.0	23.6	25.0	25.1	24.7	24.6
	3G	24.5	25.2	25.9	24.7	22.9	22.6	21.8	22.2	23.6	23.7	23.5	23.5
	3HA	26.7	27.3	28.1	26.9	25.1	25.0	24.2	24.4	25.5	25.6	25.9	25.9
	3HB	27.5	27.8	28.8	27.9	26.2	25.8	25.3	25.3	26.2	26.2	26.9	27.1
	3HC	27.6	27.7	28.9	28.1	26.6	25.9	25.4	25.6	26.2	26.3	27.1	27.5
	3HD1	27.7	27.7	28.8	28.0	26.6	25.9	25.2	25.6	26.2	26.2	27.1	27.5
	3HD2	28.0	28.0	29.2	28.5	27.1	26.2	25.7	26.0	26.6	26.6	27.4	27.8
	3J	24.5	25.0	25.8	24.7	22.9	22.7	22.1	22.1	23.3	23.5	23.7	23.8
	3K	27.6	27.5	28.7	27.9	26.1	25.6	25.4	25.1	25.9	26.2	27.0	27.4
	3LA	26.9	27.1	28.2	27.2	25.5	25.1	24.6	24.6	25.5	25.6	26.3	26.5
	3LB	27.8	27.8	28.9	28.1	26.7	26.0	25.3	25.7	26.3	26.3	27.2	27.6
	3MA-1	25.1	25.4	26.4	25.3	23.5	23.3	22.8	22.7	23.8	23.9	24.3	24.5
	3MA-2	26.4	26.5	27.6	26.7	24.9	24.6	24.3	24.0	24.9	25.1	25.8	26.1
	3MB	27.1	27.1	28.2	27.4	25.7	25.2	24.8	24.7	25.4	25.7	26.6	26.9
	3MC	27.0	26.9	28.1	27.3	25.5	25.1	24.7	24.5	25.3	25.6	26.4	26.8
	3MD1	27.3	27.2	28.4	27.7	25.9	25.5	24.8	24.9	25.7	26.0	26.9	27.4
	3MD2	27.9	27.7	28.9	28.1	26.3	25.8	25.3	25.1	25.9	26.3	27.3	27.7
	3N	22.6	23.5	24.2	22.8	21.1	20.6	19.6	20.5	22.1	22.2	21.6	21.7

Monthly Temperature by Sub-basin

Year 2037 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	16.2	16.6	17.8	16.6	15.9	15.6	14.8	15.3	16.6	16.6	16.2	16.2
	4AB	17.1	17.3	18.5	17.4	16.6	16.4	15.6	16.1	17.3	17.4	17.0	17.0
	4AC	16.9	17.1	18.2	17.1	16.5	16.1	15.3	15.8	17.1	17.2	16.8	16.8
	4AD	17.1	17.3	18.4	17.2	16.6	16.2	15.3	15.9	17.2	17.3	16.9	16.9
	4BA	21.3	21.7	22.8	21.5	20.9	20.4	19.4	20.1	21.5	21.5	21.1	21.1
	4BB	18.1	18.6	19.8	18.5	17.8	17.5	16.6	17.2	18.5	18.5	18.1	18.0
	4BC	21.2	21.7	22.8	21.5	20.8	20.4	19.4	20.0	21.4	21.5	21.0	20.9
	4BD	19.3	19.7	20.7	19.3	18.7	18.1	17.1	17.9	19.3	19.3	18.9	18.9
	4BE	20.6	21.1	22.1	20.7	19.9	19.3	18.3	19.1	20.7	20.6	20.1	20.2
	4BF	22.4	23.2	24.2	22.7	21.7	21.0	20.0	20.9	22.5	22.5	22.0	22.1
	4BG	23.5	24.2	25.2	23.8	22.8	22.2	21.2	22.1	23.6	23.6	23.0	23.1
	4CA	17.2	17.8	18.8	17.1	16.2	15.5	14.5	15.5	17.0	16.8	16.4	16.6
	4CB	19.2	19.8	20.8	19.2	18.2	17.5	16.5	17.5	19.1	18.9	18.4	18.6
	4CC	22.7	23.5	24.5	22.9	21.7	21.0	20.1	21.0	22.6	22.6	22.0	22.2
	4DA	20.7	21.4	22.4	21.2	20.3	19.9	19.0	19.6	21.0	21.0	20.6	20.5
	4DB	18.8	19.5	20.5	19.3	18.5	18.1	17.2	17.8	19.1	19.1	18.7	18.6
	4DC	18.2	18.9	20.0	18.7	17.9	17.6	16.6	17.2	18.6	18.5	18.1	18.0
	4DD	23.3	24.0	25.1	23.8	23.0	22.5	21.6	22.2	23.6	23.6	23.1	23.0
	4DE	23.8	24.5	25.5	24.1	23.0	22.4	21.4	22.3	23.8	23.8	23.2	23.3
	4EA	20.7	21.4	22.7	21.5	20.6	20.5	19.6	20.2	21.5	21.3	20.9	20.8
	4EB	19.7	20.5	21.6	20.4	19.5	19.3	18.4	19.0	20.3	20.2	19.8	19.7
	4EC	22.9	23.7	24.8	23.5	22.7	22.3	21.4	22.0	23.4	23.3	22.9	22.7
	4ED	24.1	24.9	25.9	24.6	23.6	23.2	22.2	23.0	24.4	24.4	23.8	23.8
	4FA	21.4	22.2	23.5	22.3	21.3	21.3	20.5	21.0	22.3	22.1	21.7	21.6
	4FB	25.2	26.1	27.3	26.0	25.1	25.0	24.1	24.7	26.0	25.9	25.4	25.2
	4GA	26.4	27.5	28.7	27.4	26.4	26.2	25.4	26.0	27.2	27.1	26.4	26.3
	4GB	27.6	28.9	29.9	28.7	27.7	27.3	26.6	27.2	28.3	28.1	27.3	27.2
	4GC	28.3	30.6	31.4	30.1	29.1	28.5	27.8	28.5	29.4	29.2	28.0	28.0
	4GD	27.6	29.5	30.4	29.3	28.3	27.5	26.8	27.5	28.5	28.4	27.5	27.4
	4GE	27.4	28.8	29.6	28.5	27.3	26.7	25.9	26.6	27.7	27.7	26.9	26.9
	4GF	27.6	28.6	29.5	28.5	27.2	26.4	25.6	26.3	27.3	27.4	26.9	27.0
	4GG	27.7	28.0	29.2	28.6	27.3	26.4	25.8	26.2	26.8	26.8	27.4	27.8
	4HA	25.5	26.4	27.1	25.8	24.2	23.7	22.8	23.6	25.1	25.1	24.6	24.6
	4HB	27.8	28.7	29.5	28.4	26.9	26.3	25.5	26.1	27.2	27.2	27.0	27.1
	4HC	27.5	27.9	28.8	27.9	26.2	25.8	25.1	25.4	26.4	26.4	26.8	26.9
	4JA	28.3	30.1	31.1	29.9	28.9	28.2	27.5	28.2	29.0	28.7	28.0	28.1
	4JB	27.9	29.1	30.3	29.6	28.4	27.4	26.6	27.2	27.9	27.9	27.9	28.1
	4KA	27.9	29.4	30.4	29.6	28.5	27.6	26.8	27.4	28.1	28.0	27.9	28.1
	4KB	27.9	29.1	30.2	29.5	28.4	27.4	26.6	27.3	27.9	27.9	27.8	28.1
ENNCA	5AA	17.3	17.3	18.4	17.7	16.5	16.5	16.1	16.6	16.9	17.4	17.1	17.3
	5AB	17.5	17.6	18.7	18.0	16.8	16.8	16.4	16.6	17.3	17.7	17.4	17.5
	5AC	19.3	19.5	20.6	19.8	18.7	18.7	18.2	18.5	19.3	19.6	19.3	19.4
	5AD	19.4	19.6	20.7	19.8	18.7	18.8	18.3	18.5	19.4	19.6	19.3	19.4
	5BA	18.0	18.2	19.4	18.4	17.5	17.3	16.6	17.0	18.1	18.3	17.9	18.0
	5BB	16.4	16.6	17.7	16.6	15.7	15.6	15.0	15.3	16.3	16.5	16.2	16.3
	5BC-1	17.5	17.8	19.0	18.0	16.9	17.0	16.3	16.7	17.7	17.8	17.5	17.5
	5BC-2	19.6	20.0	21.2	20.2	19.1	19.1	18.6	19.0	19.9	20.0	19.7	19.7
	5BD	18.5	18.6	19.8	18.8	17.8	17.8	17.3	17.5	18.4	18.6	18.3	18.4
	5BE	16.0	16.5	17.7	16.7	15.7	15.7	15.0	15.5	16.5	16.6	16.2	16.2
	5CA	18.8	19.0	20.2	19.2	18.1	18.2	17.7	18.0	18.8	19.0	18.7	18.8
	5CB	21.2	21.7	22.6	21.6	20.5	20.6	20.1	20.4	21.3	21.2	21.0	21.1
	5CC	21.1	21.7	22.3	21.2	20.2	20.3	19.8	20.4	20.9	20.7	20.6	20.8
	5DA	20.5	21.2	22.4	21.3	20.3	20.3	19.6	20.1	21.3	21.2	20.8	20.7
	5DB	19.5	20.0	21.3	20.2	19.2	19.2	18.5	19.0	20.0	20.1	19.7	19.7
	5DC	19.8	20.1	21.3	20.3	19.2	19.2	18.7	19.1	20.0	20.1	19.8	19.8
	5DD	22.5	22.9	24.1	23.1	22.0	22.1	21.5	21.9	22.9	22.9	22.6	22.6
	5EA	29.2	30.3	30.5	28.6	27.8	28.0	27.3	27.9	28.7	27.5	26.9	27.1
	5EB	28.5	29.6	29.6	27.6	26.9	27.1	26.4	27.0	27.8	26.8	26.3	26.6
	5EC	26.6	27.6	27.6	26.2	25.4	25.6	24.8	25.3	26.1	25.4	25.3	25.6
	5ED	26.5	27.6	28.3	26.9	26.0	26.0	25.3	25.9	26.9	26.3	25.9	26.0
	5FA	28.3	30.0	30.8	29.5	28.4	28.1	27.5	28.1	29.0	28.6	27.8	27.8
	5FB	29.2	30.6	31.2	29.8	28.7	28.6	28.0	28.6	29.4	28.7	28.0	28.2
	5G	28.3	29.2	29.4	27.6	27.0	27.2	26.3	27.1	27.7	26.4	25.9	26.0
	5HA	29.6	30.3	31.1	29.2	28.9	29.1	28.0	28.9	29.6	27.8	27.3	27.3
	5HB	28.1	29.0	29.4	27.5	27.1	27.3	26.4	27.2	27.8	26.3	25.8	25.9
	5J	27.2	27.9	27.9	26.0	26.0	26.2	25.2	25.9	26.7	25.9	25.5	25.9

Monthly Temperature by Sub-basin

Year 2038 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.0	21.8	22.9	22.9	21.9	20.9	20.6	21.1	21.1	21.4	21.1	21.5
	1AB	18.0	18.8	20.0	20.0	19.0	18.0	17.6	18.1	18.2	18.4	18.1	18.5
	1AC	21.5	22.3	23.4	23.4	22.4	21.4	21.1	21.6	21.6	21.9	21.6	22.0
	1AD	23.1	23.9	25.0	24.9	24.0	22.9	22.6	23.1	23.2	23.4	23.2	23.6
	1AE	23.8	24.5	25.6	25.5	24.6	23.6	23.3	23.8	23.9	24.1	23.9	24.3
	1AF	23.1	23.9	25.0	24.9	24.0	22.9	22.6	23.1	23.2	23.4	23.2	23.6
	1AG	23.3	24.1	25.1	25.0	24.1	23.0	22.8	23.3	23.4	23.6	23.4	23.8
	1AH	23.7	24.5	25.5	25.3	24.5	23.4	23.1	23.7	23.9	24.0	23.8	24.2
	1BA	16.5	17.3	18.5	18.6	17.6	16.6	16.2	16.7	16.5	16.9	16.5	16.7
	1BB	17.3	18.1	19.4	19.5	18.4	17.4	17.0	17.5	17.5	17.8	17.4	17.6
	1BC	18.2	19.1	20.4	20.6	19.5	18.5	18.1	18.5	18.5	18.9	18.5	18.7
	1BD	18.9	19.7	21.0	21.1	20.0	19.0	18.6	19.1	19.0	19.3	18.9	19.2
	1BE	18.5	19.4	20.7	21.0	19.8	18.8	18.4	18.7	18.8	19.2	18.8	19.0
	1BG	18.5	19.4	20.7	20.9	19.8	18.8	18.4	18.7	18.8	19.2	18.8	19.0
	1BH	18.2	19.0	20.3	20.3	19.3	18.3	17.9	18.3	18.4	18.7	18.4	18.6
	1CA	17.8	18.6	19.7	19.8	18.8	17.8	17.4	18.0	17.7	18.1	17.6	17.8
	1CB	17.6	18.4	19.5	19.6	18.6	17.6	17.2	17.8	17.5	17.9	17.4	17.6
	1CC	17.0	17.7	18.8	18.8	17.9	16.9	16.5	17.1	16.9	17.2	16.7	17.0
	1CD	18.8	19.5	20.6	20.6	19.6	18.6	18.3	18.9	18.7	19.0	18.6	18.9
	1CE	20.0	20.8	21.9	21.9	20.9	19.9	19.6	20.1	20.0	20.3	20.0	20.3
	1DA	21.2	21.9	23.1	22.9	22.0	21.0	20.7	21.2	21.2	21.4	21.2	21.6
	1DB	18.4	19.2	20.4	20.4	19.4	18.4	18.1	18.5	18.6	18.8	18.6	18.9
	1DC	22.1	22.8	23.9	23.8	22.9	21.8	21.5	22.1	22.1	22.3	22.1	22.5
	1DD	22.6	23.3	24.4	24.2	23.4	22.3	22.0	22.6	22.6	22.8	22.6	23.1
	1EA	20.5	21.2	22.2	21.9	21.2	20.1	19.8	20.4	20.4	20.6	20.4	20.9
	1EB	22.1	22.9	23.8	23.4	22.7	21.6	21.4	21.9	22.0	22.1	22.1	22.5
	1EC	22.0	22.7	23.8	23.5	22.7	21.6	21.3	21.9	21.9	22.1	22.0	22.4
	1ED	23.0	23.7	24.7	24.5	23.7	22.6	22.3	22.9	23.0	23.2	23.0	23.5
	1EE	23.6	24.4	25.4	25.1	24.4	23.3	23.0	23.6	23.8	23.9	23.8	24.1
	1EF	23.8	24.7	25.7	25.4	24.7	23.5	23.3	23.9	24.3	24.3	24.2	24.3
	1EG	23.3	24.1	25.0	24.6	24.0	22.9	22.6	23.4	23.5	23.6	23.5	23.9
	1FA	16.8	17.5	18.6	18.5	17.7	16.6	16.3	17.0	16.9	17.0	16.7	17.0
	1FB	18.8	19.5	20.6	20.5	19.7	18.6	18.3	19.0	18.9	19.1	18.8	19.1
	1FC	19.2	19.9	21.0	20.9	20.1	19.0	18.7	19.4	19.4	19.5	19.2	19.7
	1FD	18.5	19.2	20.3	20.1	19.4	18.2	18.0	18.7	18.7	18.8	18.5	18.9
	1FE	21.3	22.1	23.0	22.7	22.0	20.9	20.6	21.4	21.4	21.5	21.4	21.9
	1FF	22.0	22.8	23.7	23.3	22.7	21.5	21.3	22.2	22.4	22.4	22.3	22.7
	1FG	23.7	24.5	25.4	25.0	24.5	23.3	23.1	23.9	24.2	24.1	24.0	24.3
LVSCA	1GA	17.3	18.0	19.0	18.9	18.3	17.0	16.8	17.5	17.5	17.6	17.2	17.6
	1GB	20.4	21.2	22.2	22.0	21.3	20.1	19.9	20.7	20.7	20.8	20.5	20.9
	1GC	17.7	18.3	19.3	19.4	19.0	17.6	17.3	17.9	18.0	18.1	17.4	17.8
	1GD	22.2	23.0	24.0	23.8	23.3	22.0	21.8	22.5	22.7	22.7	22.5	22.8
	1GE	22.0	22.9	23.8	23.6	23.1	21.8	21.6	22.4	22.6	22.5	22.4	22.6
	1GF	23.1	24.0	24.9	24.6	24.1	22.8	22.6	23.4	23.7	23.7	23.5	23.8
	1GG	17.9	18.6	19.6	19.7	19.1	17.8	17.5	18.2	18.3	18.3	17.8	18.2
	1HA1	21.9	22.7	23.6	23.2	22.6	21.4	21.2	22.1	22.3	22.3	22.2	22.7
	1HA2	24.2	25.0	25.9	25.6	25.0	23.8	23.6	24.5	24.8	24.7	24.6	25.0
	1HB1	23.8	24.6	25.6	25.2	24.6	23.4	23.2	24.1	24.4	24.3	24.3	24.6
	1HB2	23.4	24.2	25.1	24.7	24.2	22.9	22.8	23.7	24.1	24.0	23.9	24.4
	1HC	24.2	25.0	25.9	25.6	25.0	23.8	23.6	24.4	24.7	24.7	24.6	24.8
	1HD	22.6	23.6	24.4	24.0	23.5	22.4	22.1	22.9	23.3	23.2	23.1	23.3
	1HE	22.8	23.9	24.6	24.3	23.8	22.6	22.3	23.1	23.5	23.4	23.4	23.5
	1HF	23.5	24.5	25.3	25.0	24.4	23.3	23.0	23.8	24.2	24.1	24.0	24.1
	1HG	23.4	24.3	25.2	24.8	24.3	23.1	22.8	23.6	24.0	23.9	23.9	24.0
	1JA	17.3	18.1	18.8	18.9	18.5	17.0	16.6	17.2	17.5	17.7	17.0	17.4
	1JB	19.3	20.1	20.9	21.0	20.6	19.1	18.9	19.6	19.8	19.8	19.4	19.6
	1JC	18.2	19.1	19.9	20.0	19.6	18.1	17.9	18.6	18.8	18.7	18.3	18.5
	1JD	20.2	21.1	21.9	21.9	21.5	20.1	19.9	20.6	20.8	20.7	20.5	20.7
	1JE	19.5	20.4	21.0	21.0	20.5	19.1	18.6	19.4	19.9	20.0	19.6	19.7
	1JF	18.8	19.7	20.3	20.4	19.9	18.5	18.0	18.8	19.2	19.3	18.8	19.0
	1JG1	21.6	22.5	23.3	23.1	22.6	21.4	21.1	21.9	22.2	22.1	22.0	22.1
	1JG2	23.4	24.4	25.2	24.8	24.3	23.1	22.9	23.7	24.1	24.0	23.9	24.2
	1KA	22.0	23.2	23.8	23.5	23.0	21.9	21.5	22.3	22.7	22.6	22.6	22.5
	1KB	22.0	23.0	23.7	23.5	23.0	21.8	21.4	22.2	22.7	22.6	22.5	22.4
	1KC	21.2	22.1	22.7	22.7	22.2	20.9	20.3	21.1	21.7	21.8	21.5	21.4
	1LA1	17.7	18.4	19.0	19.2	18.8	17.2	16.6	17.2	17.7	17.9	17.2	17.5
	1LA2	20.9	21.7	22.3	22.3	21.8	20.3	19.7	20.5	21.1	21.3	20.8	20.8
	1LA3	19.3	20.0	20.3	20.7	20.0	18.4	17.1	17.6	18.8	19.5	18.9	19.1
	1LB1	17.9	18.5	19.1	19.4	19.0	17.3	16.7	17.2	17.7	18.1	17.2	17.6
	1LB2	19.6	20.4	20.7	21.1	20.6	18.9	18.1	18.7	19.5	19.9	19.2	19.3

Monthly Temperature by Sub-basin

Year 2038 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.0	28.5	29.1	29.4	28.2	27.3	26.8	27.1	27.7	28.4	27.2	27.1
	2AB	27.7	29.4	30.0	30.2	29.0	28.1	27.7	27.9	28.7	29.3	28.0	27.8
	2BA	18.9	19.8	21.0	21.1	20.0	19.1	18.7	19.1	19.1	19.5	19.0	19.2
	2BB	23.5	24.7	25.8	25.9	24.7	23.8	23.4	23.7	23.9	24.3	23.7	23.7
	2BC	21.8	22.9	24.0	24.2	23.0	22.1	21.7	22.0	22.2	22.5	22.0	22.1
	2BD	26.4	28.1	28.9	29.0	27.8	26.9	26.6	26.7	27.5	27.9	26.8	26.6
	2CA	27.9	29.8	30.4	30.6	29.3	28.5	28.1	28.3	29.2	29.7	28.4	28.1
	2CB	21.1	21.7	22.8	23.1	22.3	21.1	20.7	21.1	20.9	21.3	20.7	20.9
	2CC	25.6	26.8	27.7	28.0	26.8	25.9	25.4	25.7	26.1	26.6	25.7	25.7
	2D	24.1	24.9	25.9	26.1	25.3	24.1	23.6	24.1	24.1	24.6	23.7	23.8
	2EA	20.2	20.5	21.4	21.7	21.4	19.9	19.3	19.6	19.7	20.0	19.1	19.4
	2EB	19.8	20.0	20.9	21.2	21.0	19.5	18.9	19.1	19.1	19.5	18.7	18.9
	2EC	19.2	19.6	20.5	20.8	20.6	19.0	18.5	18.8	19.0	19.3	18.2	18.6
	2ED	16.8	17.4	18.4	18.6	18.1	16.7	16.4	16.8	16.7	16.9	16.1	16.5
	2EE	22.0	22.5	23.6	23.9	23.4	22.0	21.6	22.0	21.9	22.2	21.4	21.7
	2EF	19.4	19.9	20.9	21.2	20.8	19.4	19.0	19.3	19.3	19.6	18.7	19.1
	2EG1	15.9	16.3	17.1	17.6	17.3	15.7	15.2	15.6	15.8	16.1	15.1	15.5
	2EG2	21.9	22.2	23.2	23.6	23.2	21.8	21.4	21.7	21.7	21.9	21.1	21.4
	2EH	22.8	23.3	24.5	24.8	24.1	22.8	22.4	22.7	22.6	22.9	22.2	22.4
	2EJ	21.3	21.6	22.7	22.9	22.5	21.0	20.5	20.7	20.8	21.2	20.3	20.5
	2EK	19.6	19.9	20.8	21.1	20.7	19.3	18.7	18.9	19.0	19.4	18.5	18.7
	2FA	18.4	18.7	19.4	19.9	19.6	17.9	17.1	17.3	17.9	18.4	17.2	17.5
	2FB	19.0	19.4	20.3	20.6	20.3	18.7	18.2	18.5	18.8	19.1	17.8	18.2
	2FC	17.7	18.1	18.9	19.3	19.0	17.3	16.7	17.0	17.4	17.8	16.5	17.0
	2GA	17.8	18.1	18.7	19.2	18.9	17.3	16.4	16.5	17.2	17.7	16.6	16.8
	2GB	15.9	16.1	16.8	17.2	16.9	15.4	14.5	14.4	15.3	15.7	14.8	14.9
	2GC	14.9	15.3	15.7	16.2	15.8	14.4	13.1	13.0	14.3	14.8	14.0	14.0
	2GD	17.1	17.6	18.0	18.4	17.8	16.2	14.8	15.0	16.4	17.0	16.2	16.5
	2H-1	21.8	22.6	22.7	23.1	22.2	20.6	18.8	19.2	21.0	21.9	21.3	21.7
	2H-2	22.4	23.3	23.4	23.7	22.7	21.2	19.3	19.7	21.6	22.5	22.1	22.5
	2H-3	21.8	22.7	22.8	23.2	22.1	20.6	18.7	19.1	21.0	22.0	21.6	22.0
	2J	26.9	28.5	29.2	29.5	28.2	27.3	27.0	27.1	27.8	28.3	27.2	27.0
	2KA	17.9	18.4	18.7	19.4	18.9	17.0	15.8	16.2	17.2	18.0	16.9	17.2
	2KB	20.4	20.9	21.1	21.7	20.8	19.0	17.4	17.7	19.4	20.3	19.6	20.0
	2KC	23.4	24.0	24.2	24.7	23.8	22.1	20.4	20.7	22.5	23.4	22.8	23.2
ACA	3AA	19.9	20.7	20.9	21.2	20.2	18.7	16.8	17.2	19.1	20.0	19.7	20.1
	3AB	20.2	21.0	21.2	21.6	20.5	18.9	16.9	17.5	19.3	20.5	20.1	20.5
	3AC	20.9	21.8	22.0	22.3	21.2	19.6	17.7	18.2	20.0	21.2	20.7	21.2
	3BA	19.7	20.5	20.7	21.0	20.0	18.5	16.6	17.0	18.9	19.7	19.4	19.8
	3BB	19.8	20.6	20.8	21.1	20.1	18.6	16.7	17.1	19.0	19.8	19.5	19.9
	3BC	18.4	19.2	19.4	19.7	18.7	17.2	15.3	15.7	17.6	18.4	18.1	18.4
	3BD	19.3	20.1	20.3	20.6	19.7	18.2	16.2	16.6	18.5	19.4	19.0	19.3
	3CB	20.2	21.0	21.2	21.5	20.5	19.0	17.1	17.5	19.4	20.2	19.9	20.2
	3DA	22.2	23.0	23.2	23.5	22.4	20.8	18.9	19.4	21.2	22.5	22.0	22.4
	3DB	23.2	24.0	24.4	24.7	23.4	21.9	20.0	20.7	22.3	23.7	23.3	23.8
	3EA	20.5	21.2	21.5	21.8	20.7	19.0	17.1	17.7	19.5	20.9	20.4	20.9
	3EB	21.5	22.3	22.6	22.9	21.7	20.1	18.2	18.8	20.5	22.0	21.6	22.0
	3EC	21.3	22.1	22.4	22.7	21.4	19.9	18.0	18.7	20.3	21.8	21.5	22.0
	3ED	23.5	24.4	24.9	25.0	23.7	22.2	20.4	21.1	22.7	24.1	23.8	24.3
	3FA	22.4	23.3	23.7	23.9	22.5	21.1	19.3	20.0	21.6	23.0	22.7	23.2
	3FB	24.7	25.8	26.4	26.2	24.8	23.7	22.0	22.9	24.0	25.3	25.4	25.8
	3G	23.5	24.7	25.2	25.0	23.6	22.5	20.9	21.6	22.7	23.9	24.1	24.5
	3HA	26.0	27.1	27.8	27.2	25.9	25.0	23.7	24.2	24.9	25.8	26.5	26.7
	3HB	27.3	28.4	29.0	28.3	27.3	26.1	25.1	25.4	26.0	26.6	27.4	27.6
	3HC	27.7	28.8	29.4	28.7	27.8	26.4	25.6	25.8	26.3	26.8	27.6	27.9
	3HD1	27.7	28.8	29.5	28.7	27.7	26.3	25.5	25.7	26.3	26.7	27.5	27.9
	3HD2	28.1	29.1	29.8	29.1	28.3	26.9	26.1	26.3	26.8	27.3	28.1	28.4
	3J	23.9	25.0	25.5	25.0	23.7	22.7	21.4	22.0	22.7	23.7	24.2	24.5
	3K	27.6	28.7	29.1	28.4	27.2	25.9	25.1	25.4	25.9	26.3	27.2	27.6
	3LA	26.7	27.8	28.3	27.7	26.5	25.3	24.3	24.7	25.2	25.8	26.6	26.9
	3LB	27.9	28.9	29.6	28.8	27.9	26.4	25.7	25.8	26.4	26.8	27.7	28.0
	3MA-1	24.6	25.8	26.3	25.7	24.5	23.4	22.3	22.7	23.4	24.1	24.8	25.1
	3MA-2	26.3	27.4	27.9	27.2	26.1	24.8	23.9	24.2	24.8	25.3	26.1	26.5
	3MB	27.2	28.3	28.6	27.9	26.8	25.4	24.7	24.9	25.5	25.8	26.7	27.1
	3MC	27.1	28.2	28.5	27.8	26.7	25.3	24.5	24.8	25.3	25.7	26.5	27.0
	3MD1	27.6	28.7	29.0	28.3	27.2	25.7	24.9	25.2	25.7	26.0	26.8	27.3
	3MD2	28.0	29.2	29.3	28.6	27.4	25.9	25.3	25.5	26.0	26.2	27.1	27.7
	3N	21.7	22.7	23.0	23.2	21.9	20.5	18.6	19.3	20.9	22.3	22.0	22.5

Monthly Temperature by Sub-basin

Year 2038 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	16.4	16.7	17.0	17.7	17.0	15.6	13.9	13.8	15.8	16.5	15.6	15.2
	4AB	17.2	17.5	17.8	18.5	18.0	16.5	14.9	14.8	16.6	17.2	16.3	16.0
	4AC	17.0	17.3	17.6	18.3	17.8	16.4	14.6	14.5	16.3	17.0	16.1	15.8
	4AD	17.2	17.4	17.7	18.4	17.8	16.4	14.6	14.4	16.4	17.1	16.4	16.0
	4BA	21.3	21.7	21.9	22.5	21.8	20.4	18.4	18.3	20.6	21.4	20.6	20.1
	4BB	18.3	18.6	18.9	19.5	18.8	17.4	15.6	15.5	17.6	18.5	17.5	17.1
	4BC	21.2	21.5	21.9	22.5	21.6	20.2	18.4	18.3	20.5	21.4	20.5	20.1
	4BD	19.2	19.6	19.8	20.4	19.6	18.2	16.1	16.2	18.4	19.2	18.6	18.3
	4BE	20.4	20.9	21.1	21.7	20.8	19.4	17.3	17.5	19.6	20.5	19.9	19.7
	4BF	22.3	22.8	23.1	23.6	22.6	21.2	19.2	19.4	21.4	22.4	21.8	21.6
	4BG	23.3	23.8	24.2	24.6	23.6	22.2	20.2	20.4	22.4	23.6	22.9	22.7
	4CA	16.8	17.4	17.7	18.1	17.2	15.8	13.8	14.0	16.0	16.8	16.4	16.5
	4CB	18.8	19.5	19.7	20.1	19.2	17.7	15.8	16.0	18.0	18.8	18.4	18.5
	4CC	22.3	23.0	23.3	23.6	22.6	21.0	19.1	19.5	21.4	22.5	22.1	22.2
	4DA	20.8	21.1	21.5	22.0	21.1	19.7	17.9	17.9	20.1	21.0	20.1	19.7
	4DB	18.9	19.1	19.6	20.1	19.2	17.8	16.0	16.1	18.2	19.1	18.3	17.8
	4DC	18.3	18.6	19.1	19.5	18.6	17.2	15.4	15.5	17.6	18.6	17.7	17.2
	4DD	23.3	23.7	24.1	24.6	23.6	22.2	20.4	20.5	22.6	23.6	22.8	22.4
	4DE	23.4	24.0	24.3	24.8	23.7	22.2	20.2	20.5	22.5	23.8	23.2	23.1
	4EA	21.0	21.5	21.8	22.3	21.5	20.1	18.5	18.8	20.6	21.4	20.3	19.9
	4EB	19.9	20.3	20.7	21.2	20.4	18.9	17.3	17.4	19.4	20.3	19.3	18.8
	4EC	23.0	23.3	23.8	24.3	23.4	22.0	20.2	20.3	22.4	23.3	22.4	22.0
	4ED	24.0	24.5	24.8	25.3	24.3	22.8	21.0	21.3	23.3	24.4	23.6	23.4
	4FA	21.8	22.3	22.6	23.1	22.3	20.8	19.3	19.7	21.5	22.2	21.1	20.7
	4FB	25.4	26.0	26.5	26.9	26.1	24.6	23.1	23.3	25.1	25.9	24.9	24.5
	4GA	26.5	27.3	27.9	28.1	27.3	25.9	24.4	24.6	26.4	27.2	26.3	26.0
	4GB	27.4	28.5	29.3	29.3	28.4	27.1	25.7	25.8	27.4	28.4	27.6	27.5
	4GC	28.2	29.9	31.0	30.5	29.6	28.4	27.1	27.2	28.5	29.6	29.1	29.3
	4GD	27.6	29.1	30.1	29.7	28.8	27.5	26.1	26.4	27.7	28.8	28.3	28.4
	4GE	27.0	28.3	29.1	28.9	27.9	26.5	25.0	25.4	26.8	28.0	27.6	27.7
	4GF	27.1	28.4	29.2	28.8	27.8	26.4	25.1	25.5	26.6	27.6	27.7	27.9
	4GG	27.9	29.0	29.7	29.1	28.4	27.0	26.2	26.4	26.9	27.3	28.1	28.3
	4HA	24.7	25.6	26.1	26.2	24.8	23.5	21.7	22.4	23.8	25.2	25.1	25.4
	4HB	27.2	28.4	29.2	28.8	27.5	26.3	25.0	25.5	26.4	27.4	27.7	28.0
	4HC	27.0	28.2	28.9	28.3	27.2	26.1	24.9	25.3	26.0	26.9	27.5	27.7
	4JA	28.2	29.7	30.7	30.1	29.3	28.0	26.9	27.1	28.1	28.9	28.9	29.1
	4JB	28.3	29.6	30.4	29.7	29.1	27.8	26.9	27.0	27.6	28.3	28.9	29.0
	4KA	28.2	29.6	30.5	29.9	29.2	27.9	27.0	27.1	27.8	28.5	28.9	29.1
	4KB	28.2	29.6	30.5	29.8	29.2	27.9	27.0	27.1	27.7	28.4	28.8	29.0
ENNCA	5AA	17.4	17.6	18.3	18.8	18.6	17.0	16.3	16.3	16.7	17.1	16.4	16.5
	5AB	17.7	17.9	18.5	19.0	18.8	17.2	16.4	16.3	17.0	17.5	16.6	16.6
	5AC	19.6	19.8	20.5	20.9	20.6	19.1	18.3	18.3	19.0	19.4	18.5	18.4
	5AD	19.6	19.8	20.4	20.9	20.6	19.0	18.2	18.2	19.0	19.4	18.5	18.4
	5BA	18.2	18.3	18.8	19.4	18.9	17.5	16.0	15.8	17.5	18.1	17.3	16.9
	5BB	16.5	16.7	17.3	17.8	17.4	15.8	14.6	14.5	15.8	16.3	15.5	15.2
	5BC-1	17.7	17.9	18.4	19.0	18.6	17.0	15.9	15.6	17.1	17.6	16.8	16.5
	5BC-2	19.9	20.1	20.6	21.2	20.8	19.2	18.2	18.0	19.3	19.8	18.9	18.6
	5BD	18.6	18.8	19.5	19.9	19.6	18.1	17.2	17.1	18.0	18.4	17.5	17.4
	5BE	16.4	16.6	17.0	17.6	17.1	15.6	14.4	14.1	15.9	16.4	15.5	15.1
	5CA	18.9	19.2	20.0	20.3	19.9	18.4	17.6	17.8	18.4	18.8	17.9	17.9
	5CB	21.3	21.7	22.0	22.5	22.1	20.6	19.6	19.7	20.7	21.3	20.4	20.3
	5CC	20.9	21.4	21.8	22.2	21.7	20.3	19.4	19.9	20.3	21.0	20.1	20.1
	5DA	20.9	21.3	21.6	22.2	21.5	20.0	18.6	18.9	20.5	21.2	20.1	19.8
	5DB	19.9	20.2	20.5	21.1	20.6	19.1	17.8	17.7	19.4	20.0	19.0	18.7
	5DC	20.0	20.2	20.9	21.3	20.9	19.3	18.3	18.4	19.4	19.9	19.0	18.8
	5DD	22.8	23.1	23.5	24.0	23.6	22.0	20.9	20.8	22.3	22.8	21.9	21.6
	5EA	27.2	28.9	29.5	29.4	28.2	27.2	26.0	26.5	27.5	28.4	27.4	27.7
	5EB	26.7	28.1	28.4	28.6	27.6	26.5	25.3	25.8	26.8	27.7	26.6	26.8
	5EC	25.8	26.6	26.7	27.1	26.5	25.2	24.0	24.3	25.3	26.3	25.2	25.3
	5ED	26.1	27.0	27.3	27.7	26.9	25.5	24.1	24.4	25.9	26.8	25.7	25.7
	5FA	27.9	29.3	30.0	29.9	29.0	27.7	26.3	26.6	28.0	28.9	28.3	28.3
	5FB	28.1	29.5	30.2	30.1	29.2	27.9	26.6	27.0	28.1	29.1	28.5	28.6
	5G	26.4	28.1	28.9	28.7	27.3	26.5	25.3	25.9	26.8	27.6	26.5	26.9
	5HA	28.1	30.0	31.3	30.8	28.9	28.5	27.5	28.0	29.0	29.3	28.4	28.7
	5HB	26.5	28.3	29.3	28.9	27.3	26.7	25.6	26.1	27.2	27.7	26.6	27.0
	5J	25.9	27.1	27.3	27.7	26.8	25.7	24.9	25.4	26.0	26.9	25.6	25.7

Monthly Temperature by Sub-basin

Year 2039 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.5	22.6	21.8	21.5	20.9	20.7	20.1	20.6	20.7	21.1	21.0	20.9
	1AB	18.5	19.5	18.9	18.6	18.0	17.8	17.2	17.6	17.8	18.1	18.0	17.9
	1AC	22.0	23.1	22.2	22.0	21.4	21.2	20.6	21.1	21.2	21.5	21.5	21.4
	1AD	23.5	24.7	23.8	23.5	23.0	22.8	22.2	22.6	22.7	23.1	23.1	23.0
	1AE	24.2	25.4	24.4	24.1	23.6	23.4	22.9	23.3	23.4	23.7	23.8	23.6
	1AF	23.5	24.7	23.7	23.5	22.9	22.8	22.2	22.6	22.7	23.1	23.1	23.0
	1AG	23.7	24.9	23.8	23.6	23.1	22.9	22.4	22.8	22.8	23.2	23.3	23.2
	1AH	24.1	25.3	24.2	24.0	23.5	23.3	22.8	23.1	23.2	23.3	23.7	23.6
	1BA	17.3	18.0	17.8	17.3	16.9	16.6	15.8	16.6	16.7	17.0	16.7	16.6
	1BB	18.0	18.8	18.6	18.2	17.6	17.3	16.6	17.3	17.4	17.7	17.4	17.3
	1BC	19.1	19.8	19.6	19.3	18.7	18.4	17.6	18.2	18.3	18.7	18.3	18.3
	1BD	19.6	20.3	20.1	19.7	19.1	18.9	18.2	18.8	19.0	19.3	18.9	18.8
	1BE	19.4	20.1	20.0	19.7	19.1	18.7	17.8	18.4	18.6	19.0	18.5	18.6
	1BG	19.3	20.1	19.9	19.7	19.0	18.7	17.8	18.4	18.6	18.9	18.5	18.6
	1BH	18.8	19.6	19.3	19.0	18.4	18.1	17.4	17.9	18.1	18.4	18.1	18.1
	1CA	18.5	19.2	19.0	18.4	18.0	17.8	17.1	17.9	18.0	18.2	17.9	17.7
	1CB	18.3	19.0	18.8	18.2	17.8	17.7	16.9	17.8	17.9	18.1	17.9	17.6
	1CC	17.7	18.5	18.2	17.5	17.2	17.0	16.3	17.1	17.2	17.5	17.3	17.0
	1CD	19.2	20.1	19.7	19.2	18.7	18.5	18.0	18.6	18.7	18.9	18.7	18.6
	1CE	20.5	21.3	20.9	20.6	20.0	19.8	19.2	19.7	19.8	20.1	19.9	19.8
	1DA	21.5	22.6	21.9	21.6	21.1	20.8	20.3	20.7	20.8	21.2	21.2	21.1
	1DB	19.0	19.9	19.4	19.1	18.5	18.3	17.6	18.1	18.2	18.6	18.4	18.4
	1DC	22.4	23.6	22.7	22.4	21.9	21.7	21.1	21.6	21.6	22.0	22.1	22.0
	1DD	22.9	24.1	23.1	22.9	22.4	22.2	21.6	22.0	22.1	22.5	22.6	22.5
	1EA	20.7	22.0	20.9	20.6	20.2	20.0	19.4	19.9	19.9	20.3	20.6	20.4
	1EB	22.2	23.7	22.4	22.1	21.7	21.5	21.0	21.4	21.3	21.8	22.2	22.1
	1EC	22.2	23.5	22.4	22.1	21.7	21.5	20.9	21.4	21.4	21.8	22.0	21.9
	1ED	23.3	24.6	23.4	23.1	22.7	22.5	22.0	22.3	22.3	22.7	23.0	22.9
	1EE	24.0	25.3	24.0	23.8	23.3	23.1	22.6	22.9	23.0	23.2	23.6	23.5
	1EF	24.3	25.8	24.2	24.0	23.6	23.4	22.8	23.1	23.2	23.4	23.9	23.8
	1EG	23.6	25.0	23.5	23.2	22.9	22.7	22.3	22.6	22.5	22.7	23.3	23.1
	1FA	17.3	18.2	17.7	17.0	16.8	16.6	16.1	16.7	16.8	17.0	16.9	16.6
	1FB	19.3	20.3	19.6	19.1	18.8	18.6	18.0	18.6	18.6	18.9	19.0	18.7
	1FC	19.7	20.8	19.9	19.4	19.1	18.9	18.3	19.0	19.0	19.2	19.4	19.2
	1FD	18.9	19.9	19.2	18.6	18.4	18.2	17.7	18.3	18.3	18.5	18.6	18.3
	1FE	21.6	22.9	21.6	21.3	20.9	20.7	20.3	20.7	20.6	20.9	21.4	21.2
	1FF	22.3	23.8	22.2	21.9	21.6	21.4	21.0	21.3	21.1	21.3	22.1	21.9
	1FG	24.1	25.6	23.9	23.6	23.3	23.2	22.7	22.9	22.9	23.0	23.7	23.6
LVSCA	1GA	17.9	18.9	18.2	17.5	17.3	17.1	16.6	17.0	17.2	17.3	17.5	17.2
	1GB	20.9	22.1	21.0	20.4	20.2	20.0	19.6	20.0	20.2	20.3	20.6	20.3
	1GC	18.2	19.2	18.6	17.8	17.7	17.5	16.9	17.4	17.7	17.8	17.8	17.5
	1GD	22.7	24.1	22.7	22.1	22.0	21.8	21.3	21.7	21.9	21.9	22.4	22.1
	1GE	22.5	24.0	22.4	21.9	21.7	21.6	21.1	21.5	21.8	21.8	22.1	21.8
	1GF	23.6	25.1	23.4	23.0	22.8	22.6	22.2	22.5	22.7	22.6	23.2	22.9
	1GG	18.4	19.4	18.8	18.0	17.9	17.7	17.1	17.7	17.9	18.0	18.0	17.7
	1HA1	22.2	23.6	22.1	21.7	21.5	21.3	20.9	21.2	21.1	21.2	22.0	21.7
	1HA2	24.6	26.1	24.4	24.1	23.9	23.7	23.2	23.5	23.5	23.5	24.3	24.0
	1HB1	24.3	25.8	24.0	23.7	23.5	23.3	22.8	23.1	23.1	23.1	23.9	23.7
	1HB2	23.8	25.3	23.6	23.3	23.0	22.8	22.4	22.6	22.4	22.5	23.5	23.2
	1HC	24.6	26.2	24.4	24.1	23.8	23.7	23.2	23.5	23.6	23.6	24.2	24.0
	1HD	23.2	24.7	22.8	22.5	22.3	22.2	21.7	22.0	22.2	22.1	22.6	22.4
	1HE	23.4	25.0	23.0	22.7	22.5	22.4	21.9	22.2	22.5	22.3	22.7	22.6
	1HF	24.1	25.6	23.7	23.4	23.2	23.1	22.6	22.9	23.1	23.0	23.5	23.4
	1HG	23.9	25.5	23.6	23.3	23.1	22.9	22.4	22.7	22.9	22.9	23.4	23.3
	1JA	17.6	18.7	17.9	17.3	17.0	16.8	16.3	16.8	17.2	17.2	17.2	16.9
	1JB	19.7	21.0	19.8	19.1	19.0	18.8	18.3	18.8	19.1	19.0	19.2	19.0
	1JC	18.7	20.0	18.9	18.1	18.0	17.9	17.3	17.8	18.2	18.1	18.2	18.0
	1JD	20.7	22.1	20.7	20.1	20.0	19.8	19.3	19.7	20.1	20.0	20.3	20.0
	1JE	20.0	21.2	19.8	19.4	19.1	18.8	18.4	18.8	19.2	19.2	19.4	19.1
	1JF	19.2	20.4	19.3	18.7	18.5	18.2	17.8	18.2	18.5	18.5	18.7	18.4
	1JG1	22.1	23.6	21.9	21.5	21.3	21.1	20.7	21.0	21.3	21.2	21.6	21.4
	1JG2	23.9	25.5	23.6	23.3	23.1	22.9	22.5	22.8	23.0	22.8	23.5	23.2
	1KA	22.7	24.3	22.2	21.9	21.7	21.6	21.1	21.4	21.7	21.6	21.9	21.8
	1KB	22.6	24.1	22.2	22.0	21.7	21.5	21.1	21.3	21.6	21.5	21.9	21.8
	1KC	21.7	23.0	21.5	21.2	20.9	20.6	20.2	20.5	20.8	20.8	21.1	20.8
	1LA1	17.9	18.8	18.2	17.6	17.3	17.0	16.5	17.0	17.4	17.5	17.4	17.1
	1LA2	21.2	22.3	21.1	20.8	20.4	20.0	19.6	20.0	20.6	20.6	20.7	20.3
	1LA3	19.6	20.3	20.1	19.4	18.8	18.1	17.8	18.0	18.7	19.2	18.9	18.6
	1LB1	18.1	18.8	18.5	17.9	17.5	17.1	16.7	17.1	17.5	17.7	17.6	17.2
	1LB2	19.9	20.7	20.2	19.7	19.2	18.7	18.3	18.7	19.3	19.4	19.4	19.0

Monthly Temperature by Sub-basin

Year 2039 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.8	28.2	28.6	28.2	28.0	27.5	26.4	27.6	28.0	27.8	27.3	26.7
	2AB	28.4	28.8	29.2	28.9	28.8	28.3	27.3	28.4	28.9	28.8	28.2	27.5
	2BA	19.5	20.3	20.1	19.7	19.2	18.9	18.3	18.9	19.0	19.2	18.9	18.8
	2BB	24.3	25.0	25.0	24.6	24.2	23.8	22.9	23.8	24.0	24.3	23.8	23.6
	2BC	22.6	23.3	23.2	22.9	22.4	22.1	21.3	21.9	22.2	22.4	22.0	21.8
	2BD	27.3	27.7	28.1	27.8	27.7	27.3	26.1	27.1	27.7	27.9	27.3	26.6
	2CA	28.8	29.1	29.6	29.4	29.4	28.9	27.6	28.8	29.4	29.6	28.9	28.0
	2CB	21.9	22.5	22.5	21.8	21.5	21.3	20.3	21.2	21.3	21.7	21.4	21.2
	2CC	26.5	27.0	27.3	26.8	26.5	26.1	24.9	26.0	26.4	26.7	26.2	25.7
	2D	24.7	25.2	25.6	24.9	24.5	24.2	23.2	24.2	24.4	24.7	24.3	24.0
	2EA	20.3	20.6	21.2	20.3	20.0	20.0	18.9	19.6	19.7	20.2	19.9	19.8
	2EB	19.9	20.1	20.8	19.9	19.5	19.5	18.4	19.1	19.2	19.7	19.5	19.3
	2EC	19.6	20.0	20.3	19.5	19.2	19.2	18.2	18.9	19.1	19.4	19.0	18.9
	2ED	17.4	18.1	18.0	17.2	17.0	16.9	16.0	16.6	16.9	17.3	17.0	16.7
	2EE	22.6	23.0	23.3	22.5	22.2	22.1	21.1	22.0	22.1	22.4	22.1	21.9
	2EF	20.0	20.5	20.6	19.8	19.5	19.5	18.5	19.2	19.4	19.8	19.5	19.3
	2EG1	16.3	16.9	17.0	16.2	15.9	15.8	14.9	15.6	15.9	16.1	15.9	15.7
	2EG2	22.4	22.8	23.1	22.2	21.9	21.9	20.9	21.7	21.8	22.2	21.9	21.7
	2EH	23.4	23.9	24.2	23.4	23.0	22.9	22.0	22.8	22.9	23.3	23.0	22.7
	2EJ	21.6	21.9	22.5	21.6	21.3	21.2	20.0	21.0	21.1	21.5	21.2	21.0
	2EK	19.8	20.1	20.7	19.8	19.5	19.4	18.2	19.1	19.2	19.7	19.4	19.2
	2FA	18.4	18.6	19.3	18.6	18.1	18.0	17.1	17.6	17.9	18.4	17.9	17.7
	2FB	19.2	19.5	20.1	19.3	18.9	19.0	18.1	18.6	18.8	19.2	18.6	18.5
	2FC	17.9	18.2	18.7	18.0	17.5	17.4	16.7	17.1	17.5	17.8	17.3	17.1
	2GA	17.7	17.9	18.6	18.0	17.5	17.2	16.4	16.9	17.2	17.7	17.3	17.0
	2GB	15.7	15.9	16.7	15.9	15.5	15.3	14.4	14.9	15.3	15.8	15.3	15.1
	2GC	14.8	15.1	15.8	15.0	14.6	14.2	13.3	13.7	14.3	14.9	14.3	14.0
	2GD	17.2	17.6	18.2	17.2	16.7	16.1	15.5	15.8	16.4	17.1	16.5	16.3
	2H-1	22.2	22.7	23.1	21.9	21.4	20.4	19.9	20.2	21.1	22.0	21.3	21.1
	2H-2	22.9	23.5	23.8	22.5	22.0	20.9	20.3	20.7	21.7	22.7	21.8	21.7
	2H-3	22.5	23.0	23.2	21.9	21.4	20.3	19.7	20.1	21.2	22.2	21.3	21.2
	2J	27.7	28.2	28.5	28.2	28.0	27.6	26.4	27.4	28.0	28.0	27.5	26.8
	2KA	18.1	18.4	18.8	18.1	17.4	16.8	16.5	16.8	17.3	17.8	17.6	17.2
	2KB	20.6	21.0	21.4	20.5	19.8	18.8	18.6	18.7	19.5	20.4	19.8	19.5
	2KC	23.7	24.2	24.6	23.5	22.8	21.8	21.3	21.7	22.6	23.5	22.9	22.6
ACA	3AA	20.5	21.0	21.3	20.0	19.5	18.4	17.9	18.2	19.2	20.2	19.3	19.2
	3AB	21.0	21.5	21.7	20.4	19.9	18.8	18.1	18.6	19.7	20.6	19.8	19.6
	3AC	21.7	22.1	22.4	21.1	20.6	19.5	18.8	19.3	20.3	21.2	20.5	20.2
	3BA	20.2	20.8	21.1	19.8	19.3	18.3	17.7	18.0	19.0	19.9	19.0	19.0
	3BB	20.3	20.9	21.2	19.9	19.4	18.3	17.8	18.1	19.1	20.0	19.1	19.0
	3BC	18.8	19.4	19.7	18.5	18.1	17.0	16.4	16.7	17.7	18.5	17.7	17.5
	3BD	19.8	20.3	20.7	19.4	19.0	17.9	17.3	17.6	18.6	19.4	18.6	18.4
	3CB	20.6	21.2	21.5	20.3	19.8	18.8	18.1	18.5	19.4	20.1	19.4	19.1
	3DA	22.9	23.4	23.7	22.4	21.9	20.8	20.1	20.6	21.6	22.4	21.7	21.4
	3DB	24.3	24.7	25.0	23.7	23.1	22.0	21.2	21.8	22.9	23.7	23.0	22.6
	3EA	21.5	21.9	22.1	20.8	20.3	19.1	18.4	19.0	20.1	21.0	20.3	19.9
	3EB	22.6	23.0	23.3	21.9	21.4	20.2	19.4	20.1	21.2	22.0	21.4	21.0
	3EC	22.5	22.8	23.2	21.8	21.2	20.0	19.2	19.9	21.0	21.9	21.2	20.8
	3ED	24.9	25.1	25.5	24.1	23.5	22.3	21.5	22.2	23.3	24.1	23.5	23.0
	3FA	23.7	24.0	24.3	22.9	22.4	21.1	20.3	20.9	22.2	23.1	22.4	22.0
	3FB	26.3	26.5	27.1	25.5	24.9	23.6	22.7	23.2	24.5	25.4	25.2	24.6
	3G	25.0	25.2	25.8	24.2	23.6	22.4	21.6	21.9	23.1	24.0	24.2	23.6
	3HA	27.1	27.3	28.2	26.4	25.8	24.7	23.9	23.9	25.1	25.9	26.7	26.2
	3HB	28.0	28.1	29.2	27.6	26.7	25.7	24.9	25.0	25.8	26.3	27.5	27.2
	3HC	28.2	28.3	29.4	28.1	26.9	26.1	25.1	25.3	25.9	26.3	27.5	27.4
	3HD1	28.2	28.2	29.3	28.0	26.9	26.0	25.0	25.3	25.8	26.2	27.4	27.4
	3HD2	28.6	28.6	29.7	28.5	27.2	26.4	25.4	25.7	26.2	26.6	27.7	27.7
	3J	25.1	25.3	26.1	24.4	23.8	22.6	21.8	22.0	23.1	24.0	24.5	24.0
	3K	28.2	28.3	29.4	27.8	26.8	25.9	25.0	25.2	25.9	26.3	27.5	27.4
	3LA	27.4	27.5	28.6	27.0	26.1	25.1	24.3	24.3	25.2	25.8	26.9	26.6
	3LB	28.3	28.3	29.5	28.2	27.0	26.1	25.1	25.4	25.9	26.3	27.5	27.5
	3MA-1	25.6	25.8	26.7	25.0	24.3	23.2	22.4	22.4	23.5	24.2	25.2	24.7
	3MA-2	27.0	27.1	28.2	26.6	25.7	24.7	23.9	23.9	24.7	25.3	26.5	26.2
	3MB	27.7	27.8	28.9	27.3	26.4	25.5	24.6	24.7	25.4	25.8	27.0	26.9
	3MC	27.7	27.7	28.8	27.2	26.3	25.4	24.5	24.6	25.3	25.7	26.9	26.8
	3MD1	28.0	28.1	29.1	27.6	26.6	25.8	24.8	25.0	25.6	25.9	27.1	27.1
	3MD2	28.5	28.5	29.6	28.0	27.0	26.2	25.2	25.4	26.0	26.4	27.6	27.6
	3N	22.9	23.3	23.7	22.2	21.7	20.5	19.7	20.2	21.4	22.4	21.8	21.4

Monthly Temperature by Sub-basin

Year 2039 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.7	16.2	17.0	16.6	16.3	15.5	14.4	15.3	16.1	16.7	15.9	15.3
	4AB	16.7	16.9	17.8	17.4	17.0	16.4	15.3	16.0	16.8	17.4	16.6	16.2
	4AC	16.5	16.7	17.6	17.2	16.8	16.1	15.0	15.7	16.5	17.1	16.3	15.8
	4AD	16.7	17.0	17.9	17.3	16.9	16.1	15.1	15.7	16.6	17.2	16.5	16.0
	4BA	20.7	21.2	22.1	21.5	21.1	20.3	19.2	19.9	20.9	21.5	20.7	20.1
	4BB	17.6	18.1	18.9	18.5	18.1	17.4	16.2	17.0	18.0	18.6	17.8	17.2
	4BC	20.6	21.2	22.0	21.4	21.1	20.3	19.1	19.9	20.9	21.6	20.8	20.1
	4BD	18.9	19.3	20.2	19.4	19.0	18.0	17.0	17.6	18.6	19.3	18.5	17.9
	4BE	20.3	20.8	21.6	20.6	20.2	19.2	18.2	18.8	19.8	20.5	19.7	19.2
	4BF	22.1	22.7	23.5	22.4	22.0	21.0	20.1	20.6	21.6	22.2	21.5	21.0
	4BG	23.3	23.8	24.5	23.6	23.1	22.1	21.1	21.8	22.9	23.5	22.8	22.1
	4CA	17.0	17.5	18.1	16.9	16.6	15.6	14.9	15.1	16.0	16.8	15.9	15.7
	4CB	19.0	19.5	20.0	18.9	18.5	17.5	16.7	17.1	18.0	18.8	18.0	17.7
	4CC	22.7	23.2	23.7	22.5	22.1	21.0	20.2	20.8	21.8	22.4	21.7	21.2
	4DA	20.2	20.8	21.7	21.0	20.7	19.8	18.6	19.5	20.6	21.2	20.4	19.6
	4DB	18.2	18.9	19.8	19.2	18.9	18.0	16.8	17.7	18.8	19.4	18.6	17.7
	4DC	17.6	18.3	19.2	18.6	18.3	17.4	16.2	17.1	18.2	18.8	18.0	17.1
	4DD	22.8	23.5	24.4	23.6	23.3	22.3	21.2	22.0	23.2	23.8	23.0	22.1
	4DE	23.7	24.2	24.9	23.8	23.3	22.3	21.3	22.1	23.2	23.8	23.1	22.4
	4EA	20.3	20.9	21.9	21.3	20.9	20.2	19.1	20.1	21.0	21.6	20.7	19.9
	4EB	19.2	19.9	20.9	20.2	19.9	19.1	18.0	18.9	19.9	20.5	19.6	18.8
	4EC	22.4	23.1	24.0	23.4	23.0	22.2	21.0	21.9	23.0	23.5	22.8	21.8
	4ED	23.8	24.4	25.3	24.4	24.0	23.0	22.0	22.8	23.9	24.5	23.8	22.9
	4FA	21.0	21.7	22.7	22.0	21.7	21.0	20.0	21.0	21.8	22.4	21.5	20.7
	4FB	24.9	25.5	26.7	25.8	25.4	24.7	23.7	24.6	25.5	26.1	25.2	24.3
	4GA	26.4	27.0	28.1	27.1	26.6	25.8	25.0	25.8	26.7	27.3	26.6	25.6
	4GB	27.8	28.5	29.5	28.4	27.7	26.8	26.1	26.8	27.7	28.3	27.9	26.7
	4GC	29.7	30.2	31.2	29.7	28.7	27.6	27.3	27.7	28.7	29.5	29.4	27.9
	4GD	28.8	29.3	30.3	29.0	28.0	26.9	26.4	26.9	27.8	28.6	28.4	27.1
	4GE	28.1	28.5	29.4	28.2	27.3	26.2	25.5	26.1	27.1	27.8	27.6	26.5
	4GF	28.3	28.5	29.3	28.1	27.1	26.0	25.2	25.7	26.6	27.3	27.4	26.7
	4GG	28.5	28.5	29.6	28.6	27.3	26.4	25.4	25.7	26.3	26.7	27.8	27.6
	4HA	25.9	26.2	26.8	25.3	24.8	23.5	22.7	23.2	24.4	25.2	24.8	24.2
	4HB	28.3	28.5	29.3	27.9	27.0	25.9	25.0	25.4	26.4	27.1	27.5	27.0
	4HC	28.0	28.1	29.1	27.5	26.7	25.6	24.7	24.9	25.8	26.5	27.3	27.0
	4JA	29.4	29.8	30.8	29.5	28.3	27.3	26.7	27.1	27.9	28.9	29.2	28.1
	4JB	29.3	29.4	30.4	29.4	28.0	27.0	26.3	26.5	27.1	27.8	28.6	28.0
	4KA	29.4	29.5	30.5	29.5	28.0	27.1	26.4	26.7	27.4	28.1	28.7	28.0
	4KB	29.3	29.4	30.4	29.4	28.0	27.0	26.3	26.6	27.3	27.9	28.6	27.9
ENNCA	5AA	17.2	17.4	18.3	17.3	17.0	16.9	15.9	16.5	16.6	17.2	16.9	16.8
	5AB	17.4	17.5	18.3	17.6	17.3	17.1	16.2	16.8	17.0	17.5	17.1	17.0
	5AC	19.3	19.5	20.4	19.6	19.3	19.1	18.1	18.8	19.1	19.5	19.0	18.9
	5AD	19.1	19.3	20.2	19.5	19.2	19.0	18.0	18.7	19.0	19.5	18.9	18.8
	5BA	17.6	17.9	18.7	18.2	17.9	17.4	16.3	17.0	17.7	18.3	17.5	17.2
	5BB	16.0	16.2	17.1	16.5	16.2	15.8	14.7	15.4	15.9	16.5	15.8	15.5
	5BC-1	17.1	17.4	18.4	17.7	17.5	17.1	16.1	16.8	17.4	17.8	17.1	16.8
	5BC-2	19.2	19.6	20.6	19.8	19.6	19.3	18.3	19.1	19.5	19.9	19.2	19.0
	5BD	18.2	18.4	19.2	18.6	18.3	18.0	17.1	17.7	18.0	18.5	17.9	17.8
	5BE	15.6	16.1	17.1	16.4	16.2	15.7	14.7	15.6	16.2	16.6	15.8	15.4
	5CA	18.8	19.1	19.9	19.0	18.7	18.6	17.5	18.4	18.6	19.1	18.5	18.3
	5CB	20.9	21.3	22.2	21.3	21.0	20.6	19.7	20.5	20.9	21.3	20.8	20.4
	5CC	20.8	21.2	22.0	21.1	20.7	20.4	19.4	20.3	20.6	21.1	20.5	20.1
	5DA	20.2	20.8	21.8	21.1	20.8	20.2	19.1	20.1	20.9	21.4	20.5	19.8
	5DB	19.1	19.6	20.6	19.9	19.6	19.2	18.2	19.1	19.7	20.1	19.3	18.9
	5DC	19.4	19.7	20.8	20.0	19.6	19.3	18.3	19.2	19.5	20.0	19.4	19.1
	5DD	22.1	22.5	23.6	22.8	22.5	22.0	21.0	21.9	22.4	22.9	22.3	21.8
	5EA	28.0	28.9	29.6	28.7	27.9	27.0	26.3	27.0	27.8	27.9	28.1	27.5
	5EB	27.2	28.0	28.7	27.8	27.1	26.4	25.6	26.4	27.1	27.0	27.1	26.6
	5EC	25.8	26.5	27.2	26.3	25.8	25.2	24.4	25.1	25.8	25.9	25.5	25.0
	5ED	26.1	26.8	27.7	26.7	26.2	25.5	24.7	25.5	26.3	26.8	26.3	25.4
	5FA	28.7	29.3	30.3	29.1	28.2	27.3	26.6	27.3	28.2	28.9	28.8	27.6
	5FB	29.0	29.6	30.5	29.4	28.4	27.5	26.8	27.4	28.3	29.1	29.2	28.1
	5G	27.1	28.2	28.7	28.0	27.2	26.4	25.6	26.3	27.1	26.8	26.9	26.4
	5HA	28.8	30.1	30.5	30.2	29.5	28.5	27.6	28.4	29.2	28.8	28.9	27.9
	5HB	27.1	28.3	28.8	28.2	27.5	26.6	25.8	26.6	27.4	26.9	27.0	26.3
	5J	26.3	26.8	27.4	26.7	26.4	25.9	24.9	25.9	26.4	26.3	25.9	25.4

Monthly Temperature by Sub-basin

Year 2040 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	21.4	21.7	22.5	22.3	21.4	20.8	20.7	20.3	21.0	21.3	21.2	21.2
	1AB	18.4	18.7	19.6	19.4	18.5	17.9	17.7	17.4	18.0	18.3	18.2	18.3
	1AC	21.9	22.3	23.0	22.8	21.9	21.3	21.2	20.8	21.5	21.8	21.7	21.7
	1AD	23.5	23.9	24.6	24.3	23.5	22.9	22.8	22.4	23.1	23.4	23.3	23.3
	1AE	24.1	24.5	25.2	24.9	24.1	23.5	23.4	23.1	23.8	24.0	23.9	24.0
	1AF	23.5	23.9	24.6	24.3	23.5	22.9	22.8	22.4	23.1	23.4	23.3	23.3
	1AG	23.7	24.1	24.7	24.4	23.6	23.0	23.0	22.6	23.3	23.5	23.5	23.5
	1AH	24.1	24.5	25.1	24.8	23.9	23.5	23.4	23.1	23.8	24.0	23.8	23.8
	1BA	16.8	17.1	18.3	18.1	17.3	16.5	16.4	16.3	16.8	17.2	17.1	17.0
	1BB	17.6	17.9	19.0	18.9	18.1	17.2	17.1	17.0	17.5	17.8	17.7	17.7
	1BC	18.7	19.1	20.2	20.0	19.1	18.3	18.2	17.9	18.4	18.8	18.6	18.7
	1BD	19.1	19.4	20.5	20.4	19.6	18.8	18.7	18.5	19.0	19.4	19.3	19.2
	1BE	19.0	19.4	20.5	20.4	19.4	18.7	18.5	18.2	18.7	19.1	18.9	19.1
	1BG	19.0	19.4	20.5	20.3	19.4	18.7	18.5	18.2	18.6	19.1	18.9	19.1
	1BH	18.5	18.9	19.9	19.7	18.9	18.1	18.0	17.7	18.2	18.6	18.5	18.5
	1CA	17.9	18.2	19.3	19.2	18.5	17.6	17.5	17.4	18.0	18.4	18.3	18.1
	1CB	17.7	18.0	19.2	19.0	18.4	17.4	17.4	17.4	17.9	18.3	18.2	18.0
	1CC	17.2	17.5	18.6	18.3	17.8	16.9	16.9	16.9	17.4	17.7	17.6	17.4
	1CD	18.8	19.1	20.1	19.9	19.2	18.4	18.3	18.2	18.7	19.1	19.1	18.9
	1CE	20.1	20.5	21.5	21.3	20.5	19.7	19.6	19.4	19.9	20.3	20.2	20.2
	1DA	21.5	21.8	22.7	22.3	21.6	20.9	20.8	20.5	21.1	21.4	21.4	21.4
	1DB	18.8	19.2	20.1	19.8	19.0	18.3	18.2	17.9	18.4	18.7	18.7	18.7
	1DC	22.5	22.9	23.6	23.2	22.4	21.8	21.7	21.4	22.0	22.3	22.3	22.3
	1DD	22.9	23.3	24.0	23.7	22.9	22.3	22.2	21.9	22.5	22.8	22.7	22.7
	1EA	20.8	21.2	21.9	21.4	20.7	20.2	20.1	19.9	20.5	20.7	20.7	20.6
	1EB	22.6	23.0	23.6	23.0	22.3	21.8	21.7	21.5	22.0	22.2	22.3	22.2
	1EC	22.4	22.8	23.4	23.0	22.2	21.7	21.6	21.3	21.9	22.1	22.2	22.1
	1ED	23.4	23.8	24.4	24.0	23.2	22.7	22.6	22.3	23.0	23.2	23.1	23.1
	1EE	24.0	24.5	25.0	24.6	23.8	23.3	23.3	23.0	23.7	23.9	23.7	23.7
	1EF	24.5	25.0	25.3	24.8	24.1	23.7	23.6	23.4	24.1	24.2	24.0	24.1
	1EG	23.7	24.2	24.5	24.1	23.4	23.0	22.9	22.7	23.4	23.5	23.4	23.3
	1FA	16.9	17.2	18.2	17.9	17.4	16.5	16.5	16.5	17.0	17.2	17.2	17.0
	1FB	19.0	19.4	20.2	19.9	19.3	18.5	18.5	18.4	19.0	19.3	19.2	19.0
	1FC	19.5	19.8	20.6	20.3	19.7	19.0	18.9	18.8	19.5	19.7	19.6	19.4
	1FD	18.7	19.0	19.8	19.5	18.9	18.2	18.2	18.1	18.7	18.9	18.8	18.6
	1FE	21.7	22.1	22.6	22.2	21.5	21.0	20.9	20.7	21.4	21.5	21.5	21.4
	1FF	22.5	22.9	23.3	22.8	22.1	21.8	21.7	21.5	22.2	22.3	22.1	22.1
	1FG	24.3	24.8	25.0	24.5	23.9	23.5	23.4	23.3	24.0	24.0	23.8	23.8
LVSCA	1GA	17.6	18.0	18.7	18.5	17.9	17.2	17.2	17.1	17.8	17.8	17.7	17.6
	1GB	20.8	21.2	21.7	21.4	20.8	20.3	20.2	20.1	20.8	20.7	20.7	20.6
	1GC	18.1	18.6	19.2	18.9	18.5	17.9	17.7	17.5	18.1	18.0	17.8	18.0
	1GD	22.8	23.3	23.6	23.1	22.6	22.2	22.1	22.0	22.7	22.5	22.4	22.4
	1GE	22.7	23.2	23.3	22.8	22.4	22.0	21.9	21.7	22.5	22.2	22.1	22.2
	1GF	23.8	24.3	24.4	23.9	23.4	23.0	22.9	22.8	23.6	23.4	23.2	23.2
	1GG	18.2	18.6	19.3	19.0	18.5	17.9	17.8	17.7	18.3	18.2	18.1	18.1
	1HA1	22.3	22.7	23.1	22.7	21.9	21.6	21.6	21.4	22.2	22.2	22.0	21.9
	1HA2	24.7	25.2	25.4	25.0	24.3	24.1	24.0	23.8	24.6	24.5	24.3	24.3
	1HB1	24.4	25.0	25.1	24.6	24.0	23.7	23.6	23.4	24.2	24.2	24.0	23.9
	1HB2	23.9	24.4	24.6	24.2	23.4	23.2	23.2	23.0	23.9	23.8	23.5	23.4
	1HC	24.8	25.4	25.5	24.9	24.4	24.0	24.0	23.8	24.6	24.5	24.3	24.3
	1HD	23.3	23.9	23.9	23.3	22.9	22.5	22.4	22.3	23.1	23.0	22.7	22.7
	1HE	23.6	24.3	24.1	23.5	23.2	22.8	22.6	22.5	23.3	23.2	22.9	23.0
	1HF	24.3	24.9	24.8	24.2	23.8	23.4	23.3	23.2	24.0	23.9	23.6	23.7
	1HG	24.1	24.7	24.7	24.1	23.7	23.3	23.2	23.1	23.9	23.8	23.5	23.6
	1JA	17.7	18.2	18.5	18.2	17.8	17.3	17.0	16.8	17.6	17.5	17.2	17.4
	1JB	19.9	20.4	20.5	20.1	19.7	19.3	19.1	19.0	19.7	19.4	19.2	19.4
	1JC	18.8	19.3	19.6	19.1	18.8	18.3	18.2	18.0	18.7	18.4	18.2	18.4
	1JD	20.9	21.4	21.5	21.0	20.6	20.2	20.1	19.9	20.7	20.3	20.3	20.4
	1JE	20.0	20.6	20.5	20.1	19.8	19.3	19.0	19.0	19.8	19.8	19.5	19.6
	1JF	19.3	19.9	19.9	19.5	19.2	18.7	18.4	18.3	19.1	19.0	18.8	18.9
	1JG1	22.3	22.9	22.9	22.3	22.0	21.6	21.4	21.3	22.1	21.9	21.7	21.7
	1JG2	24.1	24.7	24.7	24.1	23.7	23.3	23.2	23.1	23.9	23.8	23.5	23.5
	1KA	22.9	23.6	23.3	22.6	22.5	22.0	21.7	21.7	22.6	22.5	22.0	22.2
	1KB	22.8	23.4	23.3	22.7	22.4	21.9	21.7	21.7	22.5	22.4	22.1	22.2
	1KC	21.8	22.4	22.3	21.8	21.5	21.0	20.7	20.8	21.6	21.6	21.2	21.3
	1LA1	17.9	18.5	18.8	18.5	18.1	17.5	17.1	17.0	17.8	17.8	17.5	17.7
	1LA2	21.2	21.8	21.8	21.4	21.1	20.6	20.2	20.2	21.1	21.1	20.8	20.9
	1LA3	19.2	19.8	20.4	20.0	19.4	18.5	17.9	18.2	18.9	19.8	19.4	19.4
	1LB1	18.0	18.7	18.9	18.7	18.3	17.7	17.2	17.1	17.9	18.0	17.7	17.9
	1LB2	19.7	20.4	20.6	20.3	19.9	19.2	18.7	18.8	19.6	20.0	19.6	19.7

Monthly Temperature by Sub-basin

Year 2040 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	27.4	28.2	29.2	29.1	28.4	27.2	26.5	26.9	27.5	27.9	27.8	27.7
	2AB	27.9	28.6	29.9	30.0	29.4	28.2	27.6	27.8	28.6	28.8	28.6	28.3
	2BA	19.2	19.5	20.6	20.4	19.6	18.8	18.7	18.5	19.0	19.3	19.2	19.2
	2BB	23.8	24.2	25.5	25.4	24.7	23.8	23.6	23.5	24.0	24.3	24.2	24.0
	2BC	22.1	22.5	23.7	23.6	22.8	22.0	21.8	21.6	22.2	22.5	22.3	22.3
	2BD	26.7	27.1	28.6	28.8	28.4	27.4	27.0	27.1	27.7	27.8	27.6	27.0
	2CA	28.2	28.6	30.2	30.5	30.1	29.0	28.5	28.7	29.4	29.5	29.2	28.5
	2CB	21.3	21.7	22.9	22.7	22.2	21.2	21.1	21.1	21.5	21.9	21.7	21.6
	2CC	25.9	26.4	27.7	27.7	27.2	26.1	25.8	25.9	26.4	26.7	26.5	26.2
	2D	24.2	24.7	25.8	25.8	25.3	24.3	24.0	24.1	24.5	24.9	24.7	24.6
	2EA	20.0	20.6	21.6	21.6	21.3	20.3	20.0	19.5	20.0	20.3	20.2	20.4
	2EB	19.5	20.0	21.0	21.1	20.8	19.7	19.4	19.0	19.4	19.8	19.8	19.9
	2EC	19.4	20.0	20.9	20.7	20.4	19.6	19.2	18.8	19.3	19.6	19.2	19.6
	2ED	17.1	17.6	18.5	18.3	17.8	17.0	16.8	16.7	17.3	17.4	17.1	17.2
	2EE	22.1	22.5	23.6	23.5	23.1	22.1	21.9	21.7	22.2	22.5	22.4	22.4
	2EF	19.7	20.2	21.1	21.0	20.6	19.7	19.5	19.2	19.7	19.9	19.7	19.9
	2EG1	16.2	16.8	17.6	17.3	17.0	16.2	15.9	15.6	16.1	16.3	16.0	16.3
	2EG2	22.0	22.5	23.5	23.4	23.0	22.1	21.8	21.5	22.0	22.3	22.1	22.2
	2EH	22.9	23.3	24.4	24.4	23.9	22.9	22.7	22.6	23.0	23.4	23.3	23.2
	2EJ	21.1	21.7	22.8	22.7	22.3	21.4	21.2	21.0	21.4	21.7	21.5	21.6
	2EK	19.4	20.0	21.0	21.0	20.6	19.7	19.4	19.1	19.5	19.8	19.7	19.8
	2FA	18.1	18.8	19.7	19.7	19.3	18.3	17.8	17.4	18.1	18.7	18.2	18.4
	2FB	19.0	19.7	20.7	20.5	20.3	19.3	18.8	18.4	19.0	19.3	18.7	19.3
	2FC	17.6	18.4	19.2	19.1	18.7	17.9	17.3	16.9	17.6	18.0	17.5	17.9
	2GA	17.4	18.0	18.9	19.0	18.5	17.6	17.0	16.7	17.5	18.0	17.6	17.8
	2GB	15.3	16.0	17.0	17.0	16.6	15.6	15.2	14.8	15.5	16.1	15.8	15.8
	2GC	14.2	14.8	15.9	15.9	15.3	14.3	13.7	13.6	14.4	15.3	14.9	14.8
	2GD	16.6	17.2	18.3	18.0	17.3	16.2	15.6	15.7	16.5	17.5	17.0	17.1
	2H-1	21.5	22.1	23.3	22.7	21.8	20.5	19.8	20.3	20.9	22.5	22.0	22.0
	2H-2	22.1	22.6	24.1	23.3	22.5	21.0	20.3	20.8	21.5	23.2	22.7	22.6
	2H-3	21.5	22.1	23.6	22.7	21.9	20.5	19.8	20.2	20.9	22.6	22.1	22.0
	2J	27.2	27.8	29.1	29.2	28.6	27.5	27.1	27.1	27.8	28.1	27.8	27.5
	2KA	17.6	18.3	18.9	18.7	18.1	17.4	16.7	16.8	17.5	18.2	17.9	18.0
	2KB	19.9	20.5	21.5	21.1	20.2	19.1	18.3	18.8	19.5	20.9	20.4	20.4
	2KC	23.0	23.6	24.7	24.2	23.3	22.1	21.4	21.8	22.5	24.0	23.5	23.6
ACA	3AA	19.6	20.1	21.7	20.8	20.0	18.5	17.8	18.3	18.9	20.7	20.2	20.1
	3AB	19.9	20.6	22.2	21.2	20.4	18.9	18.2	18.7	19.4	21.1	20.7	20.5
	3AC	20.3	20.8	22.6	21.8	21.1	19.6	18.9	19.3	20.0	21.8	21.3	21.1
	3BA	19.3	19.8	21.3	20.6	19.7	18.3	17.6	18.1	18.8	20.5	19.9	19.9
	3BB	19.3	19.8	21.3	20.6	19.8	18.4	17.6	18.1	18.8	20.6	20.0	19.9
	3BC	17.8	18.3	19.8	19.1	18.3	16.9	16.2	16.7	17.4	19.1	18.6	18.5
	3BD	18.4	18.8	20.6	20.0	19.2	17.8	17.1	17.6	18.2	20.1	19.5	19.3
	3CB	19.0	19.3	21.3	20.8	20.0	18.6	18.0	18.4	19.1	20.9	20.3	20.1
	3DA	21.2	21.7	23.7	23.0	22.2	20.8	20.1	20.5	21.3	23.1	22.6	22.3
	3DB	22.4	23.2	25.2	24.3	23.4	21.9	21.2	21.7	22.4	24.3	23.8	23.4
	3EA	19.9	20.7	22.5	21.5	20.6	19.2	18.4	19.0	19.7	21.5	21.1	20.7
	3EB	20.9	21.7	23.6	22.5	21.7	20.2	19.5	20.0	20.8	22.6	22.2	21.8
	3EC	20.9	21.8	23.5	22.4	21.5	20.0	19.2	19.8	20.5	22.3	22.0	21.6
	3ED	22.7	23.8	25.7	24.6	23.7	22.2	21.4	22.0	22.8	24.6	24.2	23.7
	3FA	22.0	23.1	24.8	23.6	22.7	21.1	20.3	21.0	21.6	23.5	23.2	22.8
	3FB	24.5	25.8	27.4	26.0	25.0	23.4	22.6	23.2	23.8	25.5	25.8	25.3
	3G	23.5	24.6	26.0	24.7	23.6	22.1	21.3	21.8	22.3	24.0	24.6	24.1
	3HA	26.2	26.9	28.2	27.0	25.8	24.4	23.6	23.8	24.2	25.8	26.9	26.6
	3HB	27.1	27.3	28.7	28.0	26.5	25.5	24.8	25.0	25.3	26.1	27.6	27.7
	3HC	27.2	27.1	28.6	28.4	26.6	25.9	25.2	25.3	25.7	26.0	27.6	28.0
	3HD1	27.2	27.0	28.6	28.3	26.5	25.7	25.1	25.3	25.6	25.9	27.5	27.9
	3HD2	27.7	27.5	29.1	28.9	27.1	26.5	25.8	25.9	26.2	26.4	28.0	28.5
	3J	23.9	24.6	25.9	24.8	23.5	22.2	21.3	21.7	22.1	23.6	24.6	24.4
	3K	27.3	27.3	28.5	27.9	26.3	25.3	24.5	24.7	25.0	26.0	27.5	27.8
	3LA	26.5	26.6	27.9	27.2	25.7	24.7	23.9	24.1	24.4	25.4	26.8	27.0
	3LB	27.4	27.2	28.7	28.5	26.6	25.9	25.2	25.4	25.7	26.0	27.6	28.1
	3MA-1	24.7	25.1	26.3	25.4	24.0	22.8	22.0	22.2	22.6	23.9	25.2	25.1
	3MA-2	26.2	26.3	27.5	26.8	25.3	24.3	23.4	23.6	23.9	25.0	26.5	26.6
	3MB	26.8	26.8	28.0	27.5	25.8	24.9	24.0	24.2	24.6	25.5	27.0	27.3
	3MC	26.8	26.8	27.9	27.4	25.7	24.7	23.9	24.1	24.4	25.3	26.8	27.2
	3MD1	27.0	26.9	28.1	27.7	26.0	25.2	24.3	24.5	24.9	25.6	27.1	27.6
	3MD2	27.5	27.5	28.6	28.1	26.2	25.3	24.5	24.7	25.1	25.9	27.4	27.9
	3N	21.5	22.4	24.1	22.9	22.0	20.5	19.7	20.3	20.9	22.8	22.5	22.2

Monthly Temperature by Sub-basin

Year 2040 (Unit: ºC)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	15.3	16.1	17.3	17.4	16.9	15.7	14.9	15.3	16.4	17.4	16.7	16.0
	4AB	16.2	16.9	18.0	18.2	17.6	16.6	15.9	16.0	17.0	17.9	17.4	16.9
	4AC	15.8	16.4	17.7	17.9	17.3	16.1	15.5	15.6	16.7	17.7	17.1	16.7
	4AD	15.8	16.4	17.8	18.0	17.4	16.2	15.5	15.7	16.7	17.9	17.3	16.8
	4BA	19.9	20.6	22.1	22.2	21.6	20.2	19.5	19.8	20.9	22.2	21.6	21.0
	4BB	17.1	17.9	19.2	19.3	18.7	17.4	16.6	17.0	18.1	19.3	18.6	17.9
	4BC	19.9	20.8	22.2	22.3	21.7	20.3	19.4	19.8	20.9	22.2	21.6	20.8
	4BD	17.7	18.4	19.9	19.9	19.2	17.9	17.1	17.4	18.5	20.0	19.3	18.8
	4BE	19.0	19.6	21.2	21.2	20.4	19.0	18.3	18.6	19.6	21.2	20.6	20.1
	4BF	20.6	21.1	23.1	23.0	22.1	20.8	20.1	20.3	21.3	23.1	22.4	21.9
	4BG	21.8	22.5	24.3	24.2	23.4	21.9	21.2	21.5	22.5	24.2	23.6	23.0
	4CA	15.6	16.0	17.8	17.4	16.5	15.2	14.6	15.0	15.8	17.5	16.9	16.6
	4CB	17.4	17.9	19.7	19.4	18.5	17.3	16.6	16.9	17.8	19.5	18.9	18.6
	4CC	20.9	21.4	23.4	23.1	22.2	20.8	20.1	20.5	21.3	23.2	22.5	22.1
	4DA	19.5	20.4	21.9	21.9	21.2	19.8	18.9	19.3	20.4	21.8	21.2	20.4
	4DB	17.7	18.7	20.0	20.1	19.4	17.9	17.0	17.5	18.6	20.0	19.3	18.5
	4DC	17.1	18.1	19.4	19.5	18.8	17.3	16.4	16.9	18.0	19.4	18.7	17.9
	4DD	22.1	22.9	24.4	24.4	23.7	22.2	21.3	21.7	22.9	24.5	23.8	23.0
	4DE	22.2	22.9	24.8	24.4	23.6	22.1	21.3	21.7	22.7	24.4	23.8	23.3
	4EA	20.2	20.8	22.0	22.0	21.5	20.4	19.5	20.0	21.2	22.3	21.5	20.6
	4EB	19.0	19.7	21.0	21.0	20.5	19.2	18.3	18.8	19.9	21.1	20.4	19.5
	4EC	21.9	22.7	24.1	24.2	23.5	22.0	21.1	21.6	22.7	24.2	23.5	22.7
	4ED	22.9	23.6	25.2	25.1	24.3	22.9	22.0	22.5	23.5	25.2	24.5	23.8
	4FA	21.2	21.5	22.8	22.8	22.3	21.2	20.3	20.8	22.0	23.2	22.3	21.4
	4FB	24.8	25.3	26.6	26.6	26.0	24.9	24.0	24.5	25.6	26.8	26.0	25.2
	4GA	26.4	26.8	28.1	28.0	27.3	26.1	25.3	25.8	26.7	27.8	27.3	26.8
	4GB	27.5	28.3	29.5	29.3	28.4	27.0	26.3	26.7	27.5	28.7	28.6	28.2
	4GC	29.0	30.2	31.3	31.0	29.6	28.1	27.5	27.8	28.3	29.6	30.2	30.1
	4GD	27.9	28.8	30.2	29.9	28.5	27.3	26.5	26.9	27.4	28.7	29.1	28.9
	4GE	26.9	27.9	29.3	28.9	27.7	26.4	25.6	26.0	26.7	28.0	28.2	27.9
	4GF	26.8	27.7	29.2	28.7	27.3	26.2	25.4	25.8	26.3	27.3	28.0	27.9
	4GG	27.5	27.5	29.0	29.0	27.2	26.8	25.9	26.0	26.3	26.6	28.0	28.4
	4HA	24.0	25.1	26.9	25.8	24.9	23.4	22.6	23.1	23.9	25.6	25.5	25.0
	4HB	26.9	27.7	29.3	28.4	27.1	25.9	25.1	25.5	25.9	27.1	27.9	27.8
	4HC	26.9	27.4	28.9	28.1	26.6	25.5	24.8	25.1	25.4	26.4	27.6	27.6
	4JA	29.0	29.9	31.0	30.9	29.3	28.3	27.5	27.7	28.0	29.0	29.9	30.1
	4JB	28.3	28.6	30.0	30.1	28.2	27.7	26.8	26.8	27.1	27.6	29.0	29.3
	4KA	28.5	28.9	30.3	30.3	28.5	27.9	27.0	27.1	27.3	27.9	29.2	29.5
	4KB	28.3	28.6	30.0	30.1	28.3	27.8	26.9	26.9	27.2	27.7	29.0	29.3
ENNCA	5AA	16.9	17.4	18.4	18.5	18.3	17.2	16.8	16.3	16.9	17.3	17.4	17.5
	5AB	17.1	17.7	18.7	18.8	18.4	17.5	17.1	16.7	17.3	17.7	17.6	17.6
	5AC	19.0	19.6	20.6	20.7	20.3	19.4	19.0	18.8	19.4	19.8	19.6	19.6
	5AD	19.0	19.5	20.5	20.6	20.2	19.3	18.9	18.8	19.4	19.8	19.6	19.4
	5BA	17.1	17.9	19.0	19.1	18.7	17.6	17.0	17.1	18.0	18.7	18.3	17.9
	5BB	15.5	16.3	17.3	17.5	17.0	16.0	15.5	15.4	16.2	16.8	16.5	16.3
	5BC-1	16.9	17.5	18.6	18.7	18.4	17.4	16.9	17.1	17.8	18.2	17.8	17.5
	5BC-2	19.2	19.6	20.7	20.8	20.5	19.6	19.2	19.3	20.0	20.4	20.0	19.7
	5BD	17.9	18.5	19.5	19.6	19.3	18.3	17.9	17.8	18.4	18.8	18.6	18.5
	5BE	15.6	16.2	17.3	17.3	17.0	16.1	15.5	15.8	16.6	17.2	16.6	16.0
	5CA	18.8	19.0	20.0	20.0	19.7	18.8	18.4	18.4	19.0	19.4	19.1	19.1
	5CB	21.0	21.3	22.2	22.2	21.8	20.9	20.3	20.5	21.2	21.8	21.5	21.2
	5CC	21.0	21.2	22.0	22.0	21.7	20.6	20.1	20.2	20.8	21.5	21.2	21.2
	5DA	20.5	20.7	21.9	21.8	21.5	20.4	19.6	20.1	21.2	22.1	21.3	20.6
	5DB	19.3	19.6	20.8	20.8	20.4	19.5	18.9	19.2	20.1	20.7	20.1	19.5
	5DC	19.5	19.7	20.8	20.8	20.5	19.6	19.1	19.2	19.9	20.4	20.1	19.9
	5DD	22.2	22.5	23.6	23.6	23.3	22.4	21.8	22.0	22.8	23.5	23.0	22.5
	5EA	28.9	30.2	30.7	30.3	28.9	27.4	26.6	27.1	27.7	28.6	29.0	29.5
	5EB	28.2	29.4	29.7	29.2	27.9	26.4	25.6	26.1	26.8	27.7	28.0	28.5
	5EC	26.2	27.0	27.5	27.3	26.5	25.2	24.4	24.9	25.5	26.7	26.3	26.5
	5ED	26.5	27.1	28.0	27.9	27.2	25.9	25.1	25.6	26.3	27.5	27.1	26.8
	5FA	28.7	29.6	30.7	30.5	29.3	28.0	27.2	27.6	28.1	29.4	29.7	29.5
	5FB	29.4	30.4	31.2	31.1	29.9	28.5	27.8	28.1	28.5	29.7	30.2	30.2
	5G	27.7	28.9	29.4	29.2	27.5	26.2	25.4	26.0	26.7	27.4	27.4	28.2
	5HA	28.9	29.9	30.8	31.0	29.1	28.1	27.3	28.0	28.9	28.9	28.5	29.3
	5HB	27.5	28.6	29.3	29.2	27.4	26.3	25.4	26.1	26.9	27.3	27.1	27.9
	5J	26.5	27.4	28.0	27.8	27.0	25.7	24.8	25.3	26.0	26.8	26.6	26.8

2. Monthly Surface Water Used for Water Balance Study

Monthly Surface Water by Sub-basin

Year 1991 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.4	0.3	1.3	4.0	1.9	1.3	1.3	1.1	2.4	1.2	0.6
	1AB	1.2	1.0	0.9	2.7	5.9	3.8	3.7	3.9	3.3	5.2	2.7	1.3
	1AC	0.0	0.0	0.0	0.0	1.1	0.7	0.4	0.4	0.3	0.7	0.4	0.0
	1AD	0.6	0.4	0.4	1.4	6.4	2.5	1.7	1.0	0.7	1.2	1.6	0.7
	1AE	0.4	0.3	0.3	0.8	3.4	1.3	0.7	0.4	0.3	0.5	0.7	0.5
	1AF	1.0	0.8	0.7	2.0	5.9	2.8	1.7	1.2	1.0	1.6	1.6	0.9
	1AG	0.6	0.4	0.4	1.6	5.0	2.2	1.1	0.7	0.6	1.0	1.2	0.5
	1AH	0.4	0.2	0.2	2.2	5.7	2.1	0.9	0.4	0.3	0.7	0.9	0.5
	1BA	0.7	0.6	0.5	0.7	0.5	2.6	3.9	6.0	2.7	1.1	1.1	0.7
	1BB	2.3	2.0	1.8	2.4	2.0	8.7	14.6	20.0	9.5	5.6	4.2	2.6
	1BC	0.8	0.7	0.6	1.0	1.4	4.1	7.0	8.6	5.2	4.7	3.4	1.4
	1BD	1.9	1.8	1.8	2.2	2.4	3.7	4.8	6.7	5.9	4.8	3.6	2.4
	1BE	1.3	0.9	0.8	1.8	2.9	9.3	16.1	19.6	12.3	11.8	8.6	2.8
	1BG	2.4	2.2	2.1	4.6	7.8	10.2	12.7	16.0	11.2	14.5	7.5	3.7
	1BH	1.7	1.4	1.4	3.6	6.2	6.7	7.2	9.2	7.4	9.6	4.9	2.4
	1CA	2.0	2.0	1.9	2.7	2.3	4.0	6.1	6.0	4.7	2.9	2.4	2.2
	1CB	2.0	1.8	1.7	3.6	2.5	5.5	7.8	6.6	5.3	2.9	2.2	2.0
	1CC	3.5	3.2	3.1	6.1	5.2	8.9	10.0	7.8	6.8	4.5	3.9	3.5
	1CD	5.8	5.5	5.2	9.1	9.7	14.3	20.3	18.4	14.4	11.7	7.7	6.3
	1CE	1.5	1.4	1.4	2.3	3.6	3.3	3.7	4.3	3.7	5.5	2.6	1.8
	1DA	2.8	2.7	2.7	4.6	9.6	5.7	6.3	7.2	6.2	9.2	4.7	3.1
	1DB	4.5	4.1	4.0	7.9	11.5	10.1	10.1	11.4	9.7	12.9	7.6	4.9
	1DC	2.1	1.9	1.8	2.8	5.7	4.3	3.3	3.5	3.6	4.1	3.6	2.2
	1DD	2.4	2.1	2.1	3.6	6.9	4.7	3.1	2.9	3.0	3.4	3.5	2.3
	1EA	4.9	4.6	4.6	8.6	14.8	9.2	9.1	9.5	8.0	11.0	7.5	5.2
	1EB	4.2	4.0	4.0	7.1	11.7	6.7	5.4	6.1	6.1	7.4	6.1	4.4
	1EC	2.5	2.4	2.4	3.4	6.3	3.9	3.6	4.0	3.6	4.3	3.5	2.6
	1ED	1.0	0.9	0.9	1.9	3.0	1.8	1.3	1.2	1.2	1.4	1.5	1.0
	1EE	0.7	0.6	0.5	4.0	5.7	3.3	1.2	0.6	0.9	0.5	1.3	0.5
	1EF	0.0	0.0	0.0	3.0	6.4	2.7	0.0	0.0	0.6	0.0	0.6	0.1
	1EG	1.5	1.0	1.0	7.3	8.5	4.9	2.5	1.7	1.6	1.8	2.8	1.5
	1FA	0.4	0.3	0.3	1.5	1.6	3.0	3.0	2.1	1.8	1.1	0.7	0.4
	1FB	2.3	2.1	2.4	5.6	7.6	8.4	7.9	5.7	5.4	5.4	4.0	2.5
	1FC	1.4	1.4	1.3	3.1	4.4	4.5	3.9	2.8	2.6	3.2	2.6	1.6
	1FD	2.2	1.9	2.0	5.7	6.8	9.0	7.6	4.1	4.1	4.5	3.5	2.0
	1FE	3.7	3.2	3.0	10.7	17.0	11.1	7.4	6.3	6.7	9.5	8.2	4.0
	1FF	0.3	0.0	0.0	2.9	4.7	2.5	0.9	0.4	0.5	1.2	1.8	0.3
	1FG	0.0	0.0	0.0	11.6	9.2	3.8	0.6	0.0	0.0	0.0	1.3	0.0
LVSCA	1GA	2.5	1.7	1.6	7.7	7.3	9.7	9.1	5.6	5.2	4.6	3.1	1.3
	1GB	1.7	0.7	1.6	8.4	8.4	10.1	6.5	1.4	1.4	5.3	2.2	0.7
	1GC	7.9	4.8	3.6	13.3	14.0	15.6	13.5	12.8	11.5	9.1	8.1	3.2
	1GD	4.7	1.8	3.5	8.5	8.9	8.3	4.7	3.0	2.2	4.0	2.2	1.8
	1GE	0.8	0.0	0.0	0.2	7.6	7.1	0.8	0.0	0.0	0.1	0.1	0.0
	1GF	2.2	1.6	2.2	1.8	6.4	5.8	1.3	1.7	1.4	2.0	1.5	1.6
	1GG	3.9	1.6	1.6	8.6	7.2	7.6	6.5	4.4	4.2	4.0	2.8	0.7
	1HA1	1.4	1.0	0.9	4.1	8.0	5.4	1.8	1.0	1.0	2.7	2.3	1.0
	1HA2	0.0	0.0	0.0	0.1	1.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
	1HB1	0.4	0.1	0.0	3.5	3.5	2.7	1.0	0.2	0.1	0.1	0.6	0.3
	1HB2	0.4	0.2	0.1	2.1	3.4	2.4	0.6	0.2	0.1	0.3	1.0	0.3
	1HC	0.0	0.0	0.0	0.0	1.8	1.7	0.5	0.0	0.0	0.0	0.0	0.0
	1HD	1.8	0.9	0.1	4.4	6.4	10.2	3.3	0.6	1.5	4.0	3.7	1.0
	1HE	1.0	0.2	0.0	2.6	6.9	6.7	2.7	0.1	0.1	1.9	4.4	1.4
	1HF	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	1HG	0.0	0.0	0.0	1.6	3.6	1.7	0.4	0.0	0.0	0.0	0.9	0.4
	1JA	8.5	6.6	4.2	13.5	14.8	19.8	10.8	10.2	12.3	10.6	9.7	4.7
	1JB	2.1	1.4	0.8	3.2	3.9	5.3	2.2	2.3	2.7	2.8	2.3	0.9
	1JC	4.8	3.3	2.3	7.0	8.2	8.9	4.9	5.1	5.5	5.7	4.9	2.4
	1JD	3.2	2.4	1.9	4.0	4.6	5.9	3.5	3.3	4.1	4.4	4.2	2.2
	1JE	3.0	2.5	2.4	7.1	4.8	10.1	3.6	2.1	4.0	4.1	3.2	1.6
	1JF	8.2	6.9	4.6	14.2	13.7	26.4	12.3	9.2	15.1	12.3	10.6	5.2
	1JG1	1.6	1.1	0.3	2.4	3.6	5.4	2.0	1.1	2.3	2.3	2.3	0.5
	1JG2	1.0	0.7	0.7	1.3	2.1	2.9	0.8	1.1	1.3	1.1	1.0	0.6
	1KA	0.8	0.8	1.2	3.3	4.2	5.1	1.6	0.4	1.1	2.7	2.8	1.2
	1KB	7.9	7.1	9.4	26.6	26.9	32.1	10.3	4.5	7.6	13.1	14.1	6.9
	1KC	12.4	12.4	14.6	30.6	20.2	31.5	12.1	4.4	2.9	3.6	8.4	5.1
	1LA1	4.9	4.3	2.8	10.1	10.0	19.5	8.7	6.9	9.4	6.6	6.4	2.7
	1LA2	7.9	8.0	7.9	8.8	8.3	13.4	7.1	2.9	3.8	2.8	3.0	2.4
	1LA3	4.0	4.3	4.2	15.8	27.4	23.8	8.7	2.7	2.4	2.3	2.1	2.0
	1LB1	6.8	5.8	4.5	12.7	12.7	25.1	11.3	7.0	9.6	6.8	6.6	3.2
	1LB2	3.5	3.6	3.4	11.5	12.4	17.7	4.5	0.2	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1991 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.4	0.0	0.0	0.0	0.0	3.8	19.1	30.5	11.6	7.9	4.5	1.3
	2BB	0.6	0.0	0.0	0.0	0.0	6.1	30.7	49.0	18.6	12.8	7.2	2.2
	2BC	0.3	0.0	0.0	0.0	0.0	12.3	23.0	30.8	16.5	17.9	8.4	2.3
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	3.4	2.1	0.7	5.3	3.9	30.9	45.6	50.6	32.1	4.8	3.6	2.1
	2CC	0.2	0.6	0.0	0.0	0.0	0.8	22.1	56.4	30.5	6.0	3.2	1.6
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.0	0.0	0.0	0.1	0.1	0.2	1.1	2.8	2.5	0.6	0.3	0.1
	2EB	0.1	0.0	0.0	0.0	0.0	0.3	1.8	4.6	4.2	1.0	0.4	0.1
	2EC	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	2.9	1.1	0.5	0.1
	2ED	0.0	0.0	0.0	0.0	0.0	0.1	3.0	6.6	9.5	2.6	1.9	0.6
	2EE	0.1	0.0	0.0	0.0	0.2	3.5	8.7	9.1	9.2	1.5	1.4	0.3
	2EF	0.0	0.0	0.0	0.0	0.0	0.1	1.9	4.3	6.2	1.7	1.2	0.4
	2EG1	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.7	0.4	0.2	0.0
	2EG2	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.8	5.6	1.4	0.6	0.0
	2EH	0.2	0.1	0.0	0.0	0.0	1.1	2.0	3.7	2.8	0.5	0.1	0.0
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.1	0.0	0.0
	2FA	0.1	0.0	0.0	0.1	0.1	0.9	1.5	1.1	1.3	0.8	0.5	0.2
	2FB	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.3	0.3	0.2	0.1	0.0
	2FC	0.2	0.1	0.0	0.2	0.5	4.2	3.4	2.8	3.0	1.4	0.7	0.3
	2GA	0.1	0.0	0.0	0.2	0.5	2.8	2.0	1.1	1.2	0.6	0.5	0.1
	2GB	0.7	0.3	0.1	1.9	2.6	10.4	5.7	4.1	4.0	2.5	2.1	0.9
	2GC	1.2	0.3	0.2	3.2	9.0	11.6	4.1	1.5	2.0	3.4	3.7	1.4
	2GD	1.7	0.4	0.3	4.5	12.7	16.4	5.7	2.1	2.8	4.7	5.3	1.9
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.6	1.5	0.2	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	1.0	0.7	0.1	4.5	19.3	29.7	10.5	3.3	3.2	1.6	1.5	0.5
	2KB	0.4	0.4	0.1	1.7	8.9	4.1	1.3	1.2	1.3	0.6	0.6	0.2
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.4	1.5	1.3	1.7	5.9	3.7	1.6	1.3	1.2	1.3	1.4	2.0
	3AB	1.0	0.3	0.1	0.2	0.7	1.0	0.3	0.1	0.1	0.1	0.1	0.2
	3AC	1.6	0.5	0.0	0.3	1.6	1.6	0.3	0.0	0.0	0.0	0.0	0.3
	3BA	1.2	0.6	0.3	0.9	3.9	2.3	0.5	0.3	0.3	0.3	0.7	1.0
	3BB	0.9	0.5	0.4	0.9	3.1	1.7	0.5	0.4	0.3	0.4	0.7	0.9
	3BC	3.5	2.6	2.3	2.7	10.6	6.3	3.1	2.5	2.3	2.2	2.5	3.0
	3BD	1.3	0.9	0.8	0.9	4.9	2.2	1.1	0.9	0.8	0.8	0.8	0.9
	3CB	2.6	2.4	2.3	2.5	5.8	4.0	2.7	2.4	2.3	2.3	2.4	2.5
	3DA	1.6	0.5	1.0	0.0	0.3	0.9	1.3	1.6	1.5	1.5	1.3	0.9
	3DB	1.7	0.4	0.0	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	5.3
	3EA	2.2	0.9	0.1	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	2.1
	3EB	1.8	0.5	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	7.2
	3EC	1.5	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	9.9
	3ED	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
	3FA	2.8	1.6	1.0	1.1	0.2	1.8	1.3	1.1	1.1	1.1	1.0	5.7
	3FB	5.1	1.4	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	2.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.6	0.2	0.1	0.3	1.0	1.2	1.6	5.9	0.1	0.1	0.2	0.3
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.5	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	3.9	1.1	2.0	0.9	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1991 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	3.1	1.4	1.2	1.3	15.7	3.6	1.5	1.3	1.2	1.1	1.6	2.7
	4AB	3.2	2.1	1.9	2.3	17.7	6.3	3.0	2.4	2.1	1.9	2.2	3.0
	4AC	3.8	2.8	2.6	3.6	16.1	7.3	3.9	3.2	3.0	3.2	3.6	3.4
	4AD	4.0	2.9	2.7	4.0	21.1	8.8	4.3	3.4	3.1	3.6	4.3	4.4
	4BA	1.3	0.6	0.4	0.4	7.3	2.3	0.7	0.5	0.4	0.4	0.4	0.6
	4BB	1.9	1.4	1.3	2.4	13.6	4.6	2.0	1.6	1.4	1.5	3.1	2.6
	4BC	3.6	2.1	1.8	0.7	1.4	2.2	1.7	1.6	1.6	1.5	0.0	0.6
	4BD	3.7	2.6	2.5	4.1	22.7	8.1	3.6	3.0	2.7	2.7	5.3	4.7
	4BE	4.7	3.1	2.7	3.7	18.9	8.4	4.1	3.3	3.0	3.1	4.8	4.7
	4BF	3.2	2.6	2.5	2.6	6.6	3.3	2.6	2.5	2.5	2.4	2.4	2.5
	4BG	2.4	1.7	1.4	0.9	1.5	3.1	1.7	1.4	1.4	1.2	1.1	1.3
	4CA	7.7	6.7	6.5	8.1	19.4	12.4	8.1	7.0	6.7	7.3	8.4	7.8
	4CB	5.2	4.5	4.3	5.0	12.7	7.4	5.0	4.5	4.3	4.5	5.0	4.9
	4CC	5.4	3.7	3.0	2.9	6.0	4.8	3.3	3.0	3.0	2.9	2.9	3.1
	4DA	7.8	5.3	4.7	4.7	16.0	7.5	5.0	4.6	4.4	4.3	4.5	5.9
	4DB	4.2	2.2	1.8	1.9	11.0	3.5	2.0	1.7	1.6	1.6	4.6	3.8
	4DC	4.1	2.3	1.9	2.0	10.3	3.5	2.1	1.8	1.7	1.6	4.7	3.8
	4DD	0.8	0.5	0.3	0.3	0.1	0.5	0.3	0.3	0.3	0.2	0.2	0.3
	4DE	1.5	0.9	0.5	0.2	0.0	2.1	0.7	0.5	0.5	0.3	0.2	0.6
	4EA	9.2	4.6	4.4	10.8	34.4	7.0	4.5	4.1	4.0	8.2	16.3	17.1
	4EB	13.2	6.2	6.4	10.1	43.1	10.4	6.0	5.8	5.6	13.9	23.7	20.9
	4EC	7.5	5.6	5.1	5.2	11.5	6.9	5.4	5.0	4.8	4.8	7.1	8.0
	4ED	14.4	9.2	7.2	9.1	11.0	9.8	7.0	6.5	6.3	6.0	7.7	10.9
	4FA	15.3	6.0	6.4	18.8	59.3	15.2	5.6	4.7	4.3	8.4	20.3	28.1
	4FB	8.9	3.5	1.7	8.2	28.8	9.6	3.0	1.8	1.6	0.9	4.3	12.9
	4GA	8.0	4.8	3.3	3.8	10.6	8.9	4.4	3.2	2.9	2.2	2.0	3.3
	4GB	1.1	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0
	4GC	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0
	4GE	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	6.6	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	2.6
	4GG	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	14.6	8.7	6.3	5.8	5.8	5.6	5.3	5.1	5.1	5.0	5.1	18.4
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.3	4.8	0.2	1.4	0.6	2.0	3.3	8.2	7.0	1.1	0.6	0.4
	5AB	0.1	6.9	0.1	0.6	0.2	1.1	1.3	6.2	5.2	0.2	0.1	0.1
	5AC	0.0	6.9	0.0	0.1	0.1	0.2	0.4	4.8	4.7	0.2	0.7	0.8
	5AD	0.1	6.3	0.0	0.0	0.1	0.0	0.1	4.3	4.1	0.1	0.1	0.2
	5BA	0.6	7.0	0.1	0.2	4.3	1.9	0.3	4.7	4.4	0.1	0.1	0.2
	5BB	0.8	7.1	0.2	0.7	7.9	3.6	0.9	4.9	4.5	0.3	0.5	0.7
	5BC-1	2.3	7.0	0.6	1.1	14.4	6.7	2.2	5.7	5.3	0.7	0.9	2.6
	5BC-2	0.0	5.9	0.0	0.0	0.0	0.0	0.0	3.0	2.7	0.0	0.0	0.0
	5BD	0.5	7.2	0.4	0.8	0.7	1.4	1.3	5.7	5.4	0.5	0.4	0.4
	5BE	4.2	7.3	0.2	1.5	22.8	4.2	0.5	4.8	4.4	2.1	8.3	10.8
	5CA	0.2	7.1	0.1	0.5	0.4	0.3	2.8	6.2	7.2	1.1	4.2	6.8
	5CB	0.0	6.2	0.0	0.0	0.0	0.0	0.0	3.8	4.1	0.0	0.0	2.9
	5CC	0.0	6.2	0.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.1
	5DA	9.8	6.8	1.6	10.3	20.2	4.3	1.2	3.4	3.3	0.2	10.6	28.5
	5DB	2.9	7.6	0.3	0.8	0.9	0.5	0.3	4.6	4.2	0.0	0.7	6.9
	5DC	0.7	4.3	0.1	1.3	0.0	0.8	1.1	3.0	2.8	0.8	3.3	4.7
	5DD	0.6	6.5	0.0	0.0	0.0	0.8	0.2	4.3	4.3	0.0	0.4	4.1
	5EA	0.0	4.6	0.0	0.0	0.0	0.0	0.0	3.0	2.8	0.0	0.0	0.0
	5EB	0.0	6.9	0.0	0.0	0.0	0.0	0.0	4.6	4.2	0.0	0.0	0.0
	5EC	0.0	5.1	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0
	5ED	5.4	2.3	0.0	0.0	12.9	8.9	0.0	0.0	0.0	0.0	0.0	8.2
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0
	5FB	0.0	6.9	0.0	0.0	0.0	0.0	0.0	4.6	4.2	0.0	0.0	0.0
	5G	0.0	4.6	0.0	0.0	0.0	0.0	0.0	3.0	2.8	0.0	0.0	0.0
	5HA	0.0	5.7	0.0	0.0	0.0	0.0	0.0	3.8	3.5	0.0	0.0	0.0
	5HB	0.0	5.7	0.0	0.0	0.0	0.0	0.0	3.8	3.5	0.0	0.0	0.0
	5J	0.0	6.9	3.3	233.9	143.9	46.2	20.6	15.2	9.9	3.6	2.7	1.0

Monthly Surface Water by Sub-basin

Year 1992 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.3	0.3	0.3	0.3	1.5	1.4	1.6	1.3	1.4	2.7	1.4	0.7
	1AB	0.9	0.8	0.8	0.8	2.4	3.1	3.6	3.5	3.3	5.9	2.9	1.4
	1AC	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.3	1.0	0.6	0.1
	1AD	0.4	0.3	0.3	0.3	1.0	1.9	2.0	1.4	1.4	2.6	2.1	1.1
	1AE	0.3	0.2	0.2	0.2	0.9	0.8	0.8	0.5	0.7	1.0	0.9	0.6
	1AF	0.7	0.6	0.6	0.6	0.8	1.6	2.1	1.5	1.7	2.6	2.2	1.3
	1AG	0.3	0.2	0.2	0.2	0.4	1.3	1.7	1.1	1.1	1.8	1.5	0.9
	1AH	0.2	0.1	0.1	0.1	1.0	1.2	1.2	0.6	1.2	1.7	1.5	0.9
	1BA	0.3	0.3	0.2	0.3	2.4	2.2	3.2	4.3	2.4	3.8	3.0	1.0
	1BB	1.7	1.5	1.5	1.7	8.1	8.0	12.1	15.6	9.7	13.0	9.1	3.2
	1BC	0.7	0.6	0.6	0.6	1.3	3.1	5.8	7.0	5.4	6.4	3.6	1.3
	1BD	1.9	1.8	1.7	1.7	2.5	3.3	4.5	6.2	5.1	5.7	4.4	2.4
	1BE	1.1	0.8	0.7	0.8	1.7	5.4	11.1	15.8	12.4	15.2	8.6	2.7
	1BG	2.3	2.1	2.0	2.1	4.6	7.7	11.9	12.4	10.9	15.2	7.1	3.2
	1BH	1.4	1.3	1.3	1.3	3.1	5.0	7.2	7.5	6.7	10.0	4.8	2.1
	1CA	1.8	1.7	1.6	1.7	3.4	3.0	4.0	6.3	4.4	4.2	4.2	2.3
	1CB	1.4	1.3	1.2	1.7	4.8	3.2	5.3	8.1	5.5	5.0	4.6	2.1
	1CC	3.0	2.8	2.8	3.1	7.4	5.9	9.3	11.0	9.0	7.9	6.6	3.9
	1CD	4.9	4.6	4.5	5.0	11.0	11.1	17.5	20.9	15.9	15.8	12.4	6.7
	1CE	1.5	1.4	1.4	1.4	1.9	3.0	5.1	4.0	3.8	5.1	2.8	1.8
	1DA	2.6	2.5	2.5	2.6	3.2	6.3	9.8	6.5	6.7	9.1	5.3	3.4
	1DB	3.9	3.8	3.7	3.8	6.5	7.8	10.7	10.1	9.3	14.0	8.0	4.9
	1DC	1.8	1.7	1.7	1.7	1.6	2.6	4.5	3.9	3.5	4.4	4.0	2.4
	1DD	2.0	1.9	1.9	1.9	1.9	2.8	4.1	3.4	3.4	4.0	3.9	2.7
	1EA	4.5	4.3	4.3	4.3	5.0	12.6	13.8	9.5	10.6	10.7	7.2	5.6
	1EB	3.8	3.7	3.7	3.7	4.0	8.6	8.7	6.3	6.6	6.7	5.4	4.5
	1EC	2.3	2.3	2.3	2.3	2.3	4.1	5.3	3.9	3.9	4.4	3.6	2.8
	1ED	0.9	0.8	0.8	0.8	0.9	1.4	2.0	1.4	1.5	1.5	1.4	1.2
	1EE	0.7	0.5	0.6	0.5	0.3	0.8	1.6	1.1	1.5	1.5	2.3	1.5
	1EF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.6
	1EG	0.9	0.8	0.7	0.8	1.0	2.7	3.8	2.2	2.8	3.1	2.9	2.5
	1FA	0.2	0.2	0.1	0.2	1.4	1.9	3.5	3.8	3.5	2.7	1.9	0.7
	1FB	1.9	1.7	1.7	1.8	4.9	7.6	10.7	9.7	9.9	7.9	5.4	2.9
	1FC	1.3	1.2	1.2	1.2	2.2	4.4	5.8	4.6	5.7	4.0	3.0	1.8
	1FD	1.7	1.5	1.5	1.5	4.7	7.7	10.4	9.8	11.0	8.1	5.6	2.8
	1FE	2.8	2.5	2.4	2.4	4.4	13.4	14.0	9.2	11.7	9.2	6.7	4.4
	1FF	0.0	0.0	0.0	0.0	0.0	2.5	2.5	1.2	1.8	1.5	0.9	0.4
	1FG	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.4	0.6	1.5	0.7
LVSCA	1GA	0.8	0.8	0.7	1.1	5.8	8.3	11.2	14.0	11.7	8.2	5.4	2.1
	1GB	0.4	0.3	0.2	0.5	5.3	9.8	8.7	10.3	11.2	7.3	3.2	1.0
	1GC	2.4	2.2	2.1	5.5	10.5	11.0	14.7	20.6	17.4	12.7	9.2	5.1
	1GD	1.9	2.1	2.0	2.4	4.7	5.5	4.5	8.0	6.7	4.0	2.4	1.5
	1GE	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.2	0.2	2.6	0.2	0.0
	1GF	1.9	1.8	1.6	2.5	1.1	4.1	2.3	1.6	3.2	2.7	1.1	1.4
	1GG	0.4	0.4	0.3	2.0	5.2	5.9	6.4	10.6	8.5	5.5	3.5	1.3
	1HA1	1.0	1.0	1.0	0.9	2.6	5.2	3.4	2.6	4.5	2.8	1.8	1.1
	1HA2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.0	0.0
	1HB1	0.0	0.0	0.0	0.0	0.0	0.3	1.5	0.6	0.8	0.9	0.8	0.7
	1HB2	0.0	0.0	0.0	0.1	0.5	2.6	1.4	0.6	1.0	1.0	0.6	0.3
	1HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HD	0.2	0.0	0.0	3.2	6.1	6.7	5.9	2.6	5.1	7.7	4.3	2.5
	1HE	0.2	0.0	0.0	0.5	6.0	5.2	4.7	1.8	2.8	6.1	3.6	2.4
	1HF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	1HG	0.0	0.0	0.0	0.2	2.2	0.6	0.6	0.1	0.0	0.2	0.6	2.4
	1JA	3.5	3.2	3.3	7.3	13.0	12.1	14.0	13.0	16.0	14.6	10.0	6.7
	1JB	0.6	0.5	0.6	1.9	3.2	2.7	3.4	2.7	3.9	3.7	2.1	1.2
	1JC	1.9	1.9	1.8	4.8	6.6	5.8	6.6	6.6	7.7	7.0	4.5	2.9
	1JD	1.9	1.8	1.8	3.4	4.2	3.7	4.2	3.6	4.6	5.5	4.1	2.5
	1JE	1.2	0.8	1.0	3.8	5.0	5.3	5.3	3.1	5.9	7.3	4.6	3.1
	1JF	4.0	3.4	3.5	9.6	13.3	13.5	14.4	11.0	18.0	20.6	15.1	8.4
	1JG1	0.5	0.8	0.9	2.3	3.4	2.7	3.4	2.1	4.0	3.9	2.5	1.1
	1JG2	0.7	0.9	0.8	1.3	1.3	1.7	1.3	1.1	2.3	1.7	1.0	0.5
	1KA	0.7	0.3	0.2	3.6	4.3	3.4	3.2	1.3	2.2	4.9	2.4	2.8
	1KB	4.6	2.3	2.5	17.7	24.5	15.9	17.5	8.2	13.6	27.4	14.8	20.5
	1KC	3.4	2.1	2.1	4.7	17.9	11.2	13.0	6.0	5.7	17.7	14.6	15.4
	1LA1	1.7	1.4	1.4	2.2	8.0	10.4	10.3	8.3	10.0	10.7	7.7	5.9
	1LA2	2.4	2.2	2.4	2.4	4.4	4.4	4.9	3.6	4.4	5.2	5.4	4.9
	1LA3	2.1	2.1	1.8	3.1	9.1	4.5	4.2	3.1	2.9	3.4	4.8	4.6
	1LB1	2.4	2.0	1.9	2.4	7.6	11.3	11.8	9.4	10.4	11.4	9.8	7.7
	1LB2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.7

Monthly Surface Water by Sub-basin

Year 1992 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.6	0.1	0.0	0.0	0.5	6.7	17.8	28.0	16.0	12.5	7.0	1.8
	2BB	0.9	0.1	0.0	0.0	0.9	10.8	28.7	45.0	25.7	20.2	11.2	2.8
	2BC	0.3	0.0	0.0	0.0	0.0	5.1	15.7	22.4	15.8	18.3	7.9	1.9
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.6	0.0	0.0	0.0	11.8	4.2	22.8	39.5	18.8	20.2	23.7	4.6
	2CC	0.1	0.0	0.0	0.0	0.0	7.4	24.7	49.0	23.5	28.7	25.1	5.1
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.0	0.0	0.0	0.0	0.0	0.1	0.7	2.8	3.3	1.9	0.9	0.6
	2EB	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.6	5.4	3.1	1.4	1.0
	2EC	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.9	4.4	2.7	2.3	1.9
	2ED	0.0	0.0	0.0	0.0	0.1	0.1	2.9	8.7	8.2	4.8	4.9	2.5
	2EE	0.0	0.0	0.0	0.0	0.8	1.6	8.1	10.4	6.8	4.8	4.1	1.2
	2EF	0.0	0.0	0.0	0.0	0.1	0.1	1.9	5.7	5.3	3.1	3.2	1.6
	2EG1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5	2.0	1.1	1.1	0.7
	2EG2	0.0	0.0	0.0	0.0	0.0	0.0	3.9	8.3	6.6	3.6	3.6	2.5
	2EH	0.0	0.0	0.0	0.0	0.3	0.4	2.2	2.8	0.9	0.5	0.9	0.5
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
	2FA	0.0	0.0	0.0	0.0	0.0	0.5	1.8	2.5	2.6	1.6	1.2	1.0
	2FB	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.6	0.7	0.4	0.3	0.3
	2FC	0.0	0.0	0.0	0.0	0.0	0.3	2.9	6.3	5.5	3.0	2.8	2.6
	2GA	0.0	0.0	0.0	0.0	0.6	1.1	2.6	2.6	2.5	1.8	1.6	1.5
	2GB	0.4	0.1	0.0	0.0	4.1	5.3	9.0	8.7	8.3	6.2	5.0	4.8
	2GC	0.5	0.1	0.0	0.9	13.0	7.6	6.9	4.9	4.8	6.1	6.2	5.8
	2GD	0.7	0.1	0.0	1.3	18.4	10.7	9.7	6.9	6.8	8.7	8.8	8.1
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	5.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.2	0.0	0.1	0.2	3.9	3.2	4.6	4.5	4.8	3.8	3.6	3.4
	2KB	0.1	0.0	0.0	1.1	2.7	0.5	1.1	1.8	1.9	1.5	1.5	1.3
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.8	1.4	1.3	4.3	9.5	2.2	1.6	1.3	1.2	1.2	1.5	1.8
	3AB	0.4	0.2	0.1	0.6	4.7	0.6	0.2	0.1	0.1	0.1	0.1	0.2
	3AC	0.2	0.0	0.0	0.3	4.5	0.9	0.3	0.0	0.0	0.0	0.1	0.6
	3BA	0.4	0.4	0.3	2.2	5.8	0.9	0.6	0.3	0.2	0.2	0.9	1.1
	3BB	0.5	0.4	0.3	2.1	4.0	0.8	0.6	0.4	0.3	0.3	0.8	1.0
	3BC	2.6	2.2	2.2	5.4	12.2	4.2	3.3	2.5	2.3	2.3	3.1	5.1
	3BD	0.9	0.8	0.8	2.6	4.9	1.5	1.1	0.9	0.8	0.8	0.8	1.9
	3CB	2.4	2.3	2.2	3.0	7.3	3.0	2.8	2.4	2.2	2.2	2.5	2.9
	3DA	1.0	1.2	1.5	0.0	4.3	0.5	1.1	1.5	1.5	1.5	1.3	1.3
	3DB	1.4	0.1	0.0	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.0	2.7
	3EA	1.9	0.4	0.0	0.1	2.2	0.6	0.1	0.0	0.0	0.0	0.0	1.8
	3EB	1.8	0.2	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	1.3
	3EC	1.9	0.2	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	1.0
	3ED	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	2.5	1.3	1.0	0.0	1.7	1.4	1.1	1.1	1.1	1.0	1.6	5.7
	3FB	2.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7.3
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.2	0.1	0.1	0.8	3.1	0.5	0.2	0.1	0.1	0.1	0.3	0.3
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.3	0.7	1.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1992 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.6	1.2	1.1	1.2	6.2	3.8	1.5	1.2	1.1	1.1	2.5	8.1
	4AB	2.4	1.9	1.8	1.8	8.3	5.4	3.5	2.6	2.2	2.1	4.4	8.6
	4AC	2.9	2.5	2.5	3.0	9.3	6.5	4.4	3.5	3.2	3.6	4.8	8.3
	4AD	3.2	2.6	2.5	4.1	15.3	7.7	5.2	3.9	3.5	4.2	7.3	10.6
	4BA	0.5	0.4	0.4	0.5	6.6	2.7	0.8	0.5	0.4	0.4	1.1	3.1
	4BB	1.5	1.3	1.2	4.9	13.2	4.3	2.5	1.6	1.4	2.1	6.2	7.0
	4BC	1.6	1.7	1.7	0.0	0.0	3.2	1.2	1.5	1.5	0.8	0.0	0.8
	4BD	2.8	2.4	2.3	8.1	23.1	7.8	4.4	3.0	2.6	3.7	10.5	11.8
	4BE	3.3	2.6	2.5	7.5	22.6	8.4	4.7	3.2	2.9	3.6	8.0	10.3
	4BF	2.5	2.4	2.4	3.8	9.1	3.2	2.6	2.4	2.4	2.4	2.7	4.2
	4BG	1.4	1.2	1.2	0.0	7.2	3.0	1.6	1.4	1.3	0.9	1.2	1.3
	4CA	6.5	5.9	5.7	11.1	19.9	10.3	8.7	7.1	6.7	7.9	11.0	12.4
	4CB	4.2	3.9	3.8	7.9	13.0	6.3	5.1	4.3	4.0	4.6	6.0	8.0
	4CC	3.1	2.9	2.9	2.4	12.1	4.4	3.2	3.0	2.9	2.7	3.0	4.3
	4DA	4.8	4.2	4.0	4.1	18.5	8.9	5.0	4.4	4.1	4.0	5.8	11.0
	4DB	2.3	1.6	1.4	2.5	12.8	3.7	1.8	1.4	1.3	1.2	5.3	8.8
	4DC	2.3	1.6	1.4	2.6	10.7	3.6	1.8	1.5	1.4	1.3	5.4	8.4
	4DD	0.3	0.3	0.3	0.0	1.9	0.9	0.4	0.3	0.3	0.3	0.2	1.1
	4DE	0.6	0.5	0.4	0.0	2.8	1.6	0.8	0.6	0.5	0.0	0.4	0.3
	4EA	7.0	4.4	4.1	9.4	22.1	7.0	4.4	4.1	4.0	3.9	27.6	44.4
	4EB	8.8	5.6	5.5	14.6	36.8	10.0	5.8	5.5	5.5	6.2	36.3	47.2
	4EC	6.1	5.0	4.7	5.0	14.4	6.6	5.1	4.7	4.6	4.5	8.8	15.4
	4ED	7.9	6.7	6.3	4.4	20.4	9.7	7.2	6.5	6.2	5.7	12.0	39.5
	4FA	11.2	5.5	4.4	9.2	25.9	9.7	5.1	4.4	4.3	5.2	41.7	100.6
	4FB	6.5	3.1	1.7	0.0	9.9	5.6	2.5	1.7	1.5	0.9	21.2	74.1
	4GA	3.5	2.8	2.6	0.0	3.7	3.8	2.8	2.6	2.6	2.2	4.5	48.3
	4GB	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	7.6
	4GC	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4GE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	0.9	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	35.4
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	10.3	7.3	5.8	5.2	5.1	5.1	5.0	4.9	4.9	4.9	6.5	37.2
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.3	0.2	0.2	0.5	3.0	0.7	2.6	5.9	6.0	4.0	2.2	1.9
	5AB	0.1	0.1	0.1	0.2	1.9	0.3	1.4	2.5	2.0	1.5	0.8	0.9
	5AC	0.1	0.0	0.0	0.0	0.7	0.1	0.2	0.3	0.4	0.3	0.2	0.2
	5AD	0.1	0.1	0.0	0.2	0.7	0.1	0.0	0.2	0.2	0.1	0.2	0.1
	5BA	0.1	0.1	0.1	0.2	1.5	1.1	0.4	0.3	0.2	0.2	0.5	1.8
	5BB	0.4	0.2	0.2	1.1	4.4	1.7	1.4	1.3	0.9	1.3	2.2	3.3
	5BC-1	1.1	0.6	0.6	1.9	9.1	2.8	1.9	2.5	2.3	2.2	5.0	8.5
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.4	0.4	0.8	2.7	0.8	1.3	1.9	1.7	1.5	1.1	1.1
	5BE	1.6	0.3	0.2	6.2	8.7	2.2	0.4	0.3	0.3	0.3	13.2	17.4
	5CA	0.7	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	5CB	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	6.8	2.2	0.6	8.5	9.4	1.9	0.5	0.3	0.4	0.1	20.9	49.9
	5DB	1.6	0.5	0.1	0.7	1.1	0.2	0.1	0.0	0.0	0.0	0.0	2.3
	5DC	0.9	0.2	0.1	0.0	0.6	0.4	0.2	0.4	0.4	0.3	0.3	0.4
	5DD	0.9	0.2	0.0	0.0	0.4	0.4	0.1	0.3	0.3	0.2	0.1	0.3
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	1.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3.5	69.7
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.4	0.1	0.1	46.7	413.8	98.2	41.5	20.9	11.7	33.8	50.2	60.2

Monthly Surface Water by Sub-basin

Year 1993 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.4	0.4	0.3	2.0	1.8	1.0	0.8	1.7	1.5	1.0	0.5
	1AB	1.1	1.3	1.1	0.9	4.4	3.9	2.4	2.2	3.9	3.3	2.3	1.2
	1AC	0.0	0.0	0.0	0.0	0.1	0.7	0.3	0.2	0.7	0.5	0.3	0.0
	1AD	0.7	0.6	0.4	0.4	1.9	2.5	1.2	0.7	1.5	1.5	1.2	0.6
	1AE	0.4	0.3	0.3	0.2	0.8	1.1	0.5	0.3	0.4	0.5	0.5	0.4
	1AF	1.0	0.8	0.7	0.6	1.9	2.5	1.3	1.2	1.9	1.8	1.4	0.9
	1AG	0.6	0.5	0.4	0.3	1.3	2.0	1.0	0.7	1.4	1.3	1.0	0.5
	1AH	0.8	0.4	0.2	0.2	1.8	1.9	0.6	0.2	0.6	1.0	0.8	0.4
	1BA	1.0	3.0	0.9	0.4	6.5	3.3	1.9	1.6	1.4	0.6	0.5	1.0
	1BB	3.3	8.3	2.9	1.8	20.2	11.5	6.6	5.6	5.4	2.9	2.6	3.0
	1BC	1.0	2.1	1.4	0.8	6.3	5.6	3.1	2.5	3.5	2.6	1.6	1.0
	1BD	2.0	2.3	2.2	1.8	3.5	4.7	3.3	2.9	3.7	3.0	2.2	2.0
	1BE	1.7	3.6	3.0	1.2	11.4	12.7	6.9	5.1	7.4	5.8	3.5	1.8
	1BG	2.6	4.0	3.4	2.4	11.0	10.7	6.4	5.2	8.9	7.3	4.4	2.8
	1BH	1.7	2.4	2.0	1.5	7.3	7.0	4.3	3.7	6.4	5.1	3.2	1.8
	1CA	2.1	2.6	2.2	1.7	3.1	4.1	3.0	2.9	3.0	2.2	1.9	1.8
	1CB	1.9	2.5	1.9	1.4	3.5	5.2	3.2	3.2	3.4	2.2	1.8	1.5
	1CC	3.6	4.5	3.7	3.0	6.4	8.6	5.3	5.9	5.6	4.0	4.1	3.6
	1CD	5.8	7.0	5.9	4.8	11.9	14.8	9.4	9.5	11.1	7.4	5.9	5.1
	1CE	1.5	1.6	1.5	1.4	3.9	4.0	2.6	2.4	3.5	2.5	1.8	1.5
	1DA	2.8	2.8	2.8	2.7	8.2	7.5	4.5	4.6	7.3	4.7	3.4	2.7
	1DB	4.3	5.2	4.5	4.0	11.2	10.2	7.2	7.1	10.4	8.5	6.4	4.4
	1DC	1.9	1.8	1.9	1.7	3.1	4.5	3.0	2.7	4.4	3.4	2.6	1.9
	1DD	2.3	2.1	2.1	1.9	3.2	4.3	3.0	2.8	4.2	3.4	2.8	2.2
	1EA	4.8	5.1	5.0	4.8	12.4	10.6	6.7	6.9	9.3	6.2	5.2	4.6
	1EB	4.0	4.1	4.1	4.0	7.4	7.3	5.2	5.0	6.4	5.0	4.3	3.9
	1EC	2.5	2.5	2.4	2.3	4.6	4.4	3.1	2.9	4.2	3.2	2.7	2.4
	1ED	1.1	1.0	0.9	0.9	1.6	1.9	1.3	1.0	1.5	1.3	1.1	0.9
	1EE	1.8	0.7	0.7	0.6	1.6	3.5	1.4	0.4	1.2	1.3	1.1	0.7
	1EF	0.9	0.0	0.0	0.0	0.0	3.0	0.2	0.0	0.0	0.0	0.0	0.0
	1EG	2.9	1.9	1.3	0.9	3.9	5.7	2.6	1.4	2.1	1.9	1.7	1.3
	1FA	0.7	1.2	0.5	0.2	2.4	3.2	1.6	1.7	1.4	0.7	1.2	0.7
	1FB	2.4	3.2	2.6	2.1	7.9	9.0	4.4	4.6	5.5	3.1	4.0	2.9
	1FC	1.4	1.6	1.7	1.4	4.3	5.1	2.6	2.4	3.1	1.9	2.0	1.8
	1FD	2.3	3.0	2.5	1.9	8.2	9.8	4.5	4.4	4.8	2.8	5.0	3.7
	1FE	3.5	3.6	3.9	3.5	12.3	12.5	6.0	5.0	7.6	4.6	3.7	3.3
	1FF	0.2	0.2	0.1	0.1	2.7	2.7	0.9	0.3	0.7	0.2	0.0	0.0
	1FG	2.4	0.0	0.0	0.0	2.9	5.5	0.3	0.0	0.0	0.0	0.0	0.0
LVSCA	1GA	2.2	4.1	2.0	1.1	9.3	10.0	5.5	4.8	4.4	2.3	3.1	3.5
	1GB	0.8	0.9	1.3	0.8	10.3	9.6	2.2	1.3	2.1	0.9	2.3	4.5
	1GC	7.0	12.9	5.5	3.5	15.0	15.1	11.3	7.4	6.8	4.3	3.7	4.3
	1GD	1.8	2.7	1.7	2.0	6.1	5.3	2.7	1.7	1.8	1.9	1.9	3.6
	1GE	0.0	0.0	0.0	0.0	0.3	2.1	0.3	0.0	0.0	0.0	0.0	0.0
	1GF	1.5	1.4	1.6	2.0	4.8	4.6	1.2	1.8	1.7	1.9	2.1	2.0
	1GG	1.9	3.4	1.4	1.1	7.6	6.8	4.1	2.6	2.6	1.3	1.1	2.2
	1HA1	1.1	1.0	1.0	1.0	6.3	5.5	1.5	1.1	1.3	0.9	0.9	1.0
	1HA2	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	1HB1	0.9	0.5	0.1	0.0	1.3	2.8	1.0	0.2	0.1	0.0	0.0	0.0
	1HB2	0.3	0.2	0.1	0.2	2.2	2.2	0.6	0.2	0.1	0.0	0.0	0.0
	1HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HD	4.6	3.7	0.8	0.2	8.3	11.1	3.4	0.7	0.7	0.2	0.3	0.9
	1HE	3.4	3.2	0.8	0.3	6.7	7.8	2.5	0.4	0.7	0.5	0.5	0.5
	1HF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HG	1.5	1.0	0.2	0.0	0.8	1.3	0.3	0.0	0.0	0.0	0.0	0.0
	1JA	9.7	14.4	6.5	4.3	14.2	16.4	10.2	6.2	5.8	4.5	5.5	6.1
	1JB	1.9	2.5	1.0	0.7	3.8	4.0	2.4	1.2	1.1	0.8	1.2	1.3
	1JC	4.0	5.0	2.7	2.2	8.2	7.4	5.2	3.2	3.1	2.5	2.9	3.1
	1JD	3.3	3.0	2.1	1.9	5.0	5.1	3.9	2.4	2.3	2.0	2.3	2.5
	1JE	4.8	7.4	3.0	1.7	5.2	7.0	3.0	1.4	1.5	1.3	2.5	2.3
	1JF	12.1	18.0	7.5	5.0	14.9	25.5	12.6	5.8	5.4	4.5	7.0	6.8
	1JG1	2.1	3.0	0.6	0.1	4.0	7.4	3.3	0.8	0.5	0.2	0.5	0.7
	1JG2	1.0	1.6	0.7	0.6	2.1	2.2	0.8	0.6	0.6	0.5	0.7	0.6
	1KA	2.8	2.7	0.9	0.6	5.6	5.3	1.4	0.9	1.1	1.0	1.2	1.0
	1KB	17.8	18.3	6.8	4.7	36.1	28.7	8.7	4.7	5.6	5.4	7.3	5.7
	1KC	16.2	19.6	9.3	4.6	27.8	18.4	7.3	3.0	2.6	2.8	3.2	3.1
	1LA1	9.2	17.8	5.9	2.4	6.1	10.0	5.5	3.1	2.7	2.1	3.4	4.1
	1LA2	6.5	13.5	6.0	2.9	4.4	4.7	3.2	2.4	2.3	2.1	2.2	2.2
	1LA3	21.5	38.6	12.3	4.6	7.4	7.5	3.7	2.3	2.3	2.0	2.2	2.3
	1LB1	14.2	25.8	9.4	3.6	5.8	11.2	6.3	3.6	2.8	2.1	2.5	3.5
	1LB2	11.9	21.1	6.2	1.2	2.9	3.0	0.6	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1993 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.9	0.9	0.5	0.1	25.2	20.9	9.4	6.3	7.0	2.4	1.1	0.5
	2BB	1.5	1.5	0.8	0.2	40.5	33.6	15.1	10.2	11.3	3.9	1.8	0.9
	2BC	0.5	1.6	1.8	0.1	20.7	20.7	9.5	6.6	8.9	4.5	2.3	0.5
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	5.4	29.3	5.0	1.6	28.0	45.3	20.8	12.6	5.3	2.0	0.6	0.1
	2CC	2.1	18.2	3.4	0.3	49.8	44.9	20.9	12.4	6.8	1.9	0.5	0.3
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	1.0	2.8	0.7	0.1	0.2	0.8	1.1	0.9	0.5	0.2	0.0	0.0
	2EB	1.6	4.7	1.1	0.2	0.4	1.3	1.8	1.5	0.8	0.3	0.0	0.0
	2EC	1.7	5.0	2.2	0.3	0.6	1.8	1.8	1.2	0.5	0.1	0.0	0.0
	2ED	2.3	8.0	4.1	0.4	2.6	6.5	5.7	4.7	2.4	0.9	0.2	0.0
	2EE	1.8	6.8	1.7	0.0	4.0	8.5	6.0	4.2	2.4	0.7	0.0	0.0
	2EF	1.5	5.2	2.7	0.3	1.7	4.2	3.7	3.1	1.6	0.6	0.1	0.0
	2EG1	0.7	2.7	0.8	0.0	0.3	1.4	1.1	0.7	0.3	0.0	0.0	0.0
	2EG2	2.2	9.0	2.6	0.0	0.9	4.6	3.5	2.5	1.0	0.1	0.0	0.0
	2EH	0.2	2.1	0.5	0.1	0.7	4.2	1.8	1.0	0.4	0.1	0.0	0.0
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.4	2.3	0.4	0.0	0.0	0.8	0.6	0.4	0.1	0.0	0.0	0.0
	2FA	0.8	3.0	1.0	0.2	0.2	0.5	0.6	0.4	0.3	0.0	0.0	0.0
	2FB	0.2	0.8	0.3	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
	2FC	2.7	8.5	1.7	0.3	0.2	0.6	1.1	0.8	0.5	0.1	0.0	0.0
	2GA	2.1	6.1	1.5	0.3	0.2	0.6	0.5	0.3	0.1	0.0	0.0	0.0
	2GB	7.0	14.8	2.5	0.6	1.4	3.7	2.4	1.5	1.1	0.5	0.4	0.5
	2GC	8.0	10.5	2.5	0.9	5.6	5.8	2.4	1.1	0.6	0.3	0.5	1.9
	2GD	11.3	14.8	3.5	1.3	8.0	8.2	3.4	1.5	0.9	0.4	0.6	2.7
	2H-1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	1.0	18.3	2.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.1	6.5	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	24.6	52.7	17.2	3.6	6.1	13.1	5.0	1.5	0.5	0.1	0.1	0.6
	2KB	3.7	10.5	3.2	0.8	0.9	1.2	1.7	0.7	0.3	0.0	0.0	0.2
	2KC	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	6.9	10.3	2.6	1.6	1.6	1.4	1.3	1.2	1.2	1.2	1.4	1.9
	3AB	4.5	7.3	1.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	3AC	4.1	7.3	1.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.8
	3BA	3.1	5.3	1.1	0.5	0.8	0.6	0.3	0.2	0.2	0.2	0.7	1.5
	3BB	2.3	3.5	0.9	0.5	0.7	0.6	0.4	0.3	0.3	0.3	0.7	1.2
	3BC	8.3	8.7	3.6	2.8	4.8	4.3	2.9	2.4	2.2	2.2	2.3	4.0
	3BD	3.8	3.5	1.2	0.9	1.6	1.6	1.0	0.8	0.8	0.8	0.8	1.8
	3CB	4.9	6.1	2.5	2.5	3.2	3.3	2.6	2.3	2.2	2.2	2.4	2.7
	3DA	7.4	7.8	1.2	0.0	0.5	1.3	1.4	1.6	1.5	1.5	1.4	1.9
	3DB	10.0	7.2	1.3	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4
	3EA	13.9	11.3	1.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	3EB	12.9	11.2	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	12.4	10.4	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	5.2	4.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	6.4	10.9	4.0	1.4	1.0	1.2	1.1	1.2	1.1	1.0	1.0	1.1
	3FB	10.4	21.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	4.2	22.4	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	1.8	4.0	0.7	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1993 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	6.2	4.6	1.9	2.8	6.3	2.3	1.3	1.1	1.1	1.1	1.3	3.4
	4AB	7.6	6.4	2.9	2.5	7.4	4.4	2.6	2.0	1.8	1.8	1.8	1.9
	4AC	7.8	7.1	3.8	3.3	8.0	5.6	3.4	2.8	2.6	2.5	2.6	3.4
	4AD	9.9	8.4	4.2	3.9	12.1	6.8	3.9	2.9	2.6	2.5	2.8	4.9
	4BA	3.2	2.7	0.9	0.7	4.4	1.6	0.7	0.5	0.4	0.4	0.4	0.7
	4BB	6.7	5.0	1.9	2.5	10.2	4.0	1.8	1.3	1.2	1.2	1.5	4.3
	4BC	1.2	2.8	2.2	1.4	0.0	1.1	1.5	1.6	1.6	1.6	1.3	0.0
	4BD	11.5	8.9	3.6	4.4	17.0	7.1	3.3	2.5	2.3	2.3	2.8	7.3
	4BE	11.0	10.4	4.6	4.0	15.0	7.7	4.1	2.9	2.6	2.5	2.8	7.9
	4BF	5.3	5.3	2.8	2.5	3.5	2.8	2.5	2.3	2.3	2.3	2.3	3.2
	4BG	2.7	5.9	2.1	1.2	1.1	1.9	1.5	1.3	1.2	1.2	0.9	1.3
	4CA	14.0	12.6	7.9	7.3	14.9	10.6	7.5	6.3	5.9	5.7	6.4	10.6
	4CB	9.0	8.2	5.0	4.7	9.5	6.7	4.8	4.1	3.9	3.8	4.3	7.0
	4CC	9.0	12.5	4.6	3.3	3.1	3.2	3.0	2.9	2.8	2.8	2.7	4.6
	4DA	9.9	11.4	6.0	5.7	10.2	5.9	4.4	4.1	3.9	3.8	3.8	6.6
	4DB	5.9	6.0	2.6	4.0	6.2	2.3	1.5	1.3	1.2	1.1	3.0	4.8
	4DC	5.5	5.7	2.6	4.0	5.9	2.4	1.6	1.4	1.3	1.2	3.1	4.9
	4DD	1.7	2.3	0.8	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.1	0.4
	4DE	2.4	5.8	1.6	0.5	0.1	1.2	0.8	0.5	0.5	0.4	0.1	0.4
	4EA	25.4	21.8	5.4	12.3	26.1	5.5	4.4	4.1	4.0	3.9	17.8	23.2
	4EB	26.6	26.2	7.8	17.4	32.8	7.8	5.9	5.6	5.5	5.7	23.0	26.0
	4EC	10.5	10.8	6.2	6.3	10.0	6.0	5.0	4.7	4.6	4.5	5.1	9.5
	4ED	36.4	36.1	12.3	9.4	10.8	8.9	7.2	6.5	6.3	6.2	7.0	15.4
	4FA	54.5	46.2	8.4	14.9	48.7	9.1	5.4	4.6	4.4	4.8	28.3	51.4
	4FB	31.5	29.2	5.6	2.7	21.3	5.8	2.6	1.7	1.5	1.2	7.3	37.7
	4GA	28.5	21.8	7.0	3.2	6.0	5.3	3.6	3.0	2.8	2.4	0.0	16.7
	4GB	8.4	11.0	1.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	3.6
	4GC	0.0	2.9	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.0
	4GD	0.0	2.4	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.3
	4GE	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	73.8	42.9	4.9	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	61.6	41.6	13.3	9.0	6.8	5.7	5.2	5.0	5.0	4.9	4.9	9.7
	4HB	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	8.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	3.3
	4JB	0.0	3.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.3
	4KA	0.0	5.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.1
	4KB	0.0	9.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	3.5
ENNCA	5AA	3.0	6.6	1.1	0.4	0.8	2.1	2.0	1.7	1.0	0.4	0.2	0.2
	5AB	1.2	2.6	0.2	0.1	0.1	0.5	0.5	0.3	0.2	0.1	0.1	0.1
	5AC	0.2	0.5	0.1	0.0	0.0	0.2	0.2	0.2	0.1	0.0	0.0	0.0
	5AD	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BA	1.5	1.5	0.3	0.2	0.7	0.6	0.2	0.1	0.1	0.1	0.1	0.2
	5BB	3.2	3.6	0.6	0.3	1.7	1.4	0.5	0.2	0.2	0.2	0.2	0.3
	5BC-1	7.2	10.1	1.5	0.7	1.6	2.1	1.1	0.8	0.6	0.6	0.6	2.5
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	1.2	2.7	0.6	0.4	0.4	0.9	0.7	0.5	0.4	0.4	0.4	0.4
	5BE	15.3	14.1	0.9	1.2	7.4	1.4	0.3	0.2	0.2	0.2	8.2	8.6
	5CA	0.6	3.2	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	39.3	36.4	3.6	6.3	14.0	1.8	0.6	0.3	0.1	0.0	15.5	21.0
	5DB	5.0	9.2	0.9	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.0	1.1	0.3	0.0	0.3	0.4	0.2	0.1	0.1	0.0	0.0	0.6
	5DD	0.0	1.6	0.3	0.0	0.2	0.3	0.1	0.1	0.0	0.0	0.0	0.6
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	51.2	46.5	3.4	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	39.1
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	26.7	12.2	6.3	3.7	33.1	22.0	9.1	4.1	1.6	0.6	0.2	0.0

Monthly Surface Water by Sub-basin

Year 1994 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.3	0.3	0.3	0.4	4.2	1.9	1.1	1.5	1.4	0.9	2.9	1.4
	1AB	0.8	0.8	0.7	0.8	6.9	4.3	2.7	3.9	3.3	1.9	5.2	2.8
	1AC	0.0	0.0	0.0	0.0	0.8	0.9	0.4	0.6	0.6	0.2	0.7	0.6
	1AD	0.4	0.3	0.3	1.1	5.7	2.6	1.5	1.5	1.7	1.2	3.3	2.4
	1AE	0.2	0.2	0.2	0.7	2.5	1.0	0.6	0.5	0.6	0.7	1.6	1.1
	1AF	0.6	0.6	0.6	0.9	5.0	2.8	1.7	1.6	1.6	1.3	3.3	2.5
	1AG	0.3	0.2	0.2	0.6	4.1	2.2	1.1	1.0	1.2	0.8	2.5	1.9
	1AH	0.2	0.1	0.1	1.3	5.0	1.7	0.9	0.8	0.9	1.1	3.3	1.7
	1BA	0.4	0.3	0.2	0.9	6.2	4.7	3.3	4.8	1.6	0.5	3.5	1.9
	1BB	1.7	1.5	1.5	3.2	20.1	16.6	12.2	16.2	5.8	2.2	10.0	5.6
	1BC	0.7	0.6	0.6	0.5	5.5	7.0	4.9	7.2	4.1	1.7	3.5	2.5
	1BD	1.7	1.7	1.6	1.4	5.1	5.8	5.0	6.2	4.9	2.6	3.6	3.3
	1BE	0.9	0.7	0.7	0.3	10.9	15.2	10.3	16.1	10.3	3.5	7.3	6.1
	1BG	2.1	2.1	2.0	1.9	13.1	11.6	9.3	14.3	10.3	5.0	11.2	5.8
	1BH	1.3	1.3	1.2	1.2	8.2	7.7	5.7	8.3	6.8	3.4	7.8	3.9
	1CA	1.6	1.6	1.6	2.1	7.7	5.6	6.0	5.8	3.9	2.2	2.5	2.6
	1CB	1.3	1.3	1.2	3.2	10.1	6.9	7.7	7.2	4.4	2.0	2.4	2.5
	1CC	3.0	2.9	2.8	6.2	13.5	9.2	9.4	9.7	6.1	3.6	4.9	4.6
	1CD	4.5	4.5	4.4	7.9	26.6	18.6	21.0	20.7	13.3	6.9	9.5	8.3
	1CE	1.4	1.4	1.3	1.3	4.5	4.2	4.1	5.2	4.1	2.5	3.4	2.4
	1DA	2.4	2.5	2.4	3.7	11.0	8.1	8.3	9.3	7.6	4.3	7.2	5.1
	1DB	3.7	3.7	3.6	3.7	14.1	11.7	8.8	11.6	9.6	6.0	11.7	7.4
	1DC	1.7	1.7	1.6	1.4	5.4	5.3	3.7	4.3	4.4	2.6	3.8	4.1
	1DD	1.9	1.9	1.8	1.9	5.6	5.3	3.4	3.5	3.8	2.7	4.1	4.3
	1EA	4.2	4.3	4.3	9.7	14.7	10.5	12.0	11.7	9.7	6.2	10.6	7.7
	1EB	3.6	3.7	3.7	6.5	10.0	7.1	6.9	6.8	6.5	4.8	7.4	6.0
	1EC	2.2	2.3	2.2	3.3	6.1	4.5	4.6	4.7	4.3	3.0	4.3	3.6
	1ED	0.8	0.8	0.8	1.0	2.9	1.9	1.4	1.4	1.6	1.2	1.9	1.6
	1EE	0.6	0.5	0.6	0.0	5.2	4.1	1.4	1.0	2.0	1.3	3.7	2.9
	1EF	0.0	0.0	0.0	0.0	6.4	3.9	0.0	0.0	1.8	0.1	4.1	3.8
	1EG	0.8	0.8	0.9	2.4	8.5	5.6	3.1	2.4	3.2	2.1	6.2	4.2
	1FA	0.2	0.2	0.2	1.6	4.9	2.8	2.6	3.1	1.6	0.5	1.6	0.9
	1FB	1.9	1.8	2.0	6.1	12.5	8.2	8.8	9.5	6.5	3.0	6.8	4.7
	1FC	1.3	1.2	1.2	3.0	6.4	4.2	3.9	4.7	3.7	2.0	3.6	3.2
	1FD	1.9	1.6	1.9	5.8	12.8	7.5	6.2	8.3	5.5	2.6	6.6	4.3
	1FE	2.6	2.5	2.9	10.7	17.3	11.1	9.6	10.0	8.8	4.8	10.9	9.0
	1FF	0.0	0.0	0.0	2.4	4.5	2.2	1.5	1.2	1.1	0.3	2.3	1.9
	1FG	0.0	0.0	0.0	0.0	15.0	4.9	0.3	1.1	1.8	0.2	10.0	6.1
LVSCA	1GA	1.1	0.8	1.8	7.9	16.5	8.9	7.4	9.4	4.4	1.4	5.6	3.3
	1GB	0.6	0.3	2.4	11.5	14.7	6.7	5.0	7.5	3.3	1.1	8.5	3.4
	1GC	2.3	2.1	3.6	8.8	23.4	14.9	15.2	16.7	7.9	3.7	7.6	6.0
	1GD	1.9	2.0	4.9	10.0	11.3	4.8	4.0	4.1	2.0	1.7	5.5	2.1
	1GE	0.0	0.0	0.0	3.0	7.8	2.2	2.2	2.8	0.3	0.0	1.5	1.4
	1GF	2.0	1.8	2.4	9.7	10.7	2.2	1.8	2.1	0.9	1.5	4.6	2.6
	1GG	0.6	0.3	2.4	6.2	12.1	6.7	5.9	6.8	2.6	0.8	3.9	2.2
	1HA1	1.0	1.0	2.8	5.7	8.7	3.3	2.6	2.4	1.7	0.9	3.6	3.4
	1HA2	0.0	0.0	0.0	0.4	1.6	0.3	0.0	0.1	0.0	0.0	0.0	0.2
	1HB1	0.0	0.0	0.0	1.1	5.6	2.8	1.2	0.7	0.9	0.3	2.4	3.1
	1HB2	0.0	0.0	1.3	2.7	4.0	1.6	0.9	0.6	0.3	0.1	1.1	1.6
	1HC	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.2	0.4	0.0	1.6	3.1
	1HD	0.1	0.0	3.1	12.0	13.4	7.2	5.5	3.2	3.1	1.8	10.1	6.2
	1HE	0.0	0.0	0.5	9.4	10.3	5.4	3.9	1.9	1.9	1.0	9.7	6.3
	1HF	0.0	0.0	0.0	0.0	0.2	2.3	1.3	0.0	0.0	0.0	0.1	4.7
	1HG	0.0	0.0	0.0	3.2	5.3	1.8	0.7	0.3	0.4	0.1	2.5	2.3
	1JA	3.6	3.0	6.9	17.1	26.3	15.0	13.5	14.7	10.9	6.7	15.4	9.7
	1JB	0.6	0.5	1.7	5.2	7.1	3.1	2.9	3.1	2.7	1.7	4.5	2.3
	1JC	2.0	1.8	2.6	8.0	12.8	6.1	6.3	6.8	5.0	3.3	7.3	4.5
	1JD	1.9	1.8	2.6	5.7	7.7	3.9	4.7	6.3	6.0	3.5	7.6	5.9
	1JE	1.0	0.8	8.0	11.4	10.1	7.6	5.4	3.8	3.6	2.5	9.1	5.3
	1JF	3.9	3.2	10.9	24.5	30.4	23.0	17.6	16.0	14.5	9.3	24.5	16.8
	1JG1	0.5	0.9	2.2	6.6	8.1	5.0	4.3	3.7	3.7	1.6	6.7	4.7
	1JG2	0.8	1.1	1.5	3.2	4.0	2.3	1.6	1.4	1.3	0.6	2.7	1.6
	1KA	0.2	0.0	2.4	5.9	6.3	4.0	3.1	1.5	1.6	1.4	6.8	4.1
	1KB	2.8	1.8	20.6	37.8	42.7	23.8	18.6	10.0	9.5	6.9	32.9	22.6
	1KC	2.4	2.2	16.1	35.5	31.5	21.9	16.3	8.2	6.5	3.4	16.0	20.7
	1LA1	1.8	1.3	6.8	19.3	21.5	16.0	9.8	9.7	6.8	3.7	14.5	9.2
	1LA2	2.2	2.0	3.6	12.0	12.4	12.7	7.0	4.2	3.6	2.5	5.5	7.9
	1LA3	1.9	2.2	4.4	16.4	20.2	13.5	7.8	4.3	2.7	2.4	3.0	4.9
	1LB1	2.2	1.8	10.5	25.9	25.0	21.3	12.0	10.6	8.0	4.2	16.7	12.8
	1LB2	0.0	0.0	0.0	7.3	12.8	11.0	4.7	1.4	0.4	0.0	0.0	1.9

Monthly Surface Water by Sub-basin

Year 1994 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.1	0.0	0.0	0.0	16.9	26.2	20.3	30.6	8.4	2.4	4.3	2.2
	2BB	0.1	0.0	0.0	0.0	27.2	42.1	32.7	49.3	13.5	3.8	6.8	3.5
	2BC	0.0	0.0	0.0	0.0	18.3	28.6	22.9	45.5	15.1	4.0	9.2	4.3
	2BD	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.0	0.1	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.0	0.0	0.0	18.9	86.8	53.4	51.0	71.4	17.7	4.7	7.2	7.3
	2CC	0.0	0.0	0.0	0.0	57.2	62.2	46.4	70.4	18.4	3.2	14.7	9.4
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0
	2EA	0.0	0.0	0.0	0.0	0.8	1.5	2.9	3.5	1.2	0.2	0.2	0.3
	2EB	0.0	0.0	0.0	0.0	1.4	2.5	4.9	5.7	1.9	0.4	0.4	0.4
	2EC	0.0	0.0	0.0	0.0	0.0	1.2	3.0	5.8	3.2	0.6	0.6	0.4
	2ED	0.0	0.0	0.0	0.0	3.2	7.1	10.2	14.0	6.9	0.9	1.1	1.2
	2EE	0.0	0.0	0.0	0.4	16.8	12.6	13.2	17.0	4.7	0.7	0.8	1.5
	2EF	0.0	0.0	0.0	0.0	2.1	4.6	6.7	9.1	4.5	0.6	0.7	0.8
	2EG1	0.0	0.0	0.0	0.0	0.6	2.7	3.3	4.8	1.8	0.4	0.3	0.3
	2EG2	0.0	0.0	0.0	0.0	1.9	9.0	11.0	16.1	6.1	1.3	0.9	0.9
	2EH	0.0	0.0	0.0	3.3	9.2	5.1	4.6	9.7	1.4	0.5	0.2	0.2
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	2.2	2.5	4.4	4.3	1.0	0.1	0.0	0.1
	2FA	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	0.3	0.5	0.6
	2FB	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1	0.1	0.2
	2FC	0.0	0.0	0.0	0.0	0.0	1.0	3.5	4.3	2.2	0.7	0.9	1.2
	2GA	0.0	0.0	0.0	0.0	0.1	1.1	1.2	1.6	1.0	0.4	1.5	1.8
	2GB	0.2	0.0	0.0	0.1	3.4	5.6	4.4	5.3	3.1	2.0	7.6	5.2
	2GC	0.7	0.2	0.2	5.0	14.9	8.5	4.2	3.3	2.9	4.8	15.8	7.0
	2GD	1.0	0.3	0.3	7.1	21.0	11.9	5.9	4.6	4.1	6.8	22.3	9.8
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.1	0.0	1.0	9.5	33.8	21.1	11.0	7.4	4.3	1.2	5.3	7.1
	2KB	0.1	0.0	0.7	2.1	3.0	1.6	2.5	2.5	1.9	0.5	1.4	2.6
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.4	1.5	1.4	2.1	3.7	2.1	1.4	1.3	1.2	1.4	5.6	4.9
	3AB	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.1	0.1	2.5	3.1
	3AC	0.3	0.1	0.0	0.2	1.4	0.5	0.1	0.0	0.0	0.1	6.1	4.8
	3BA	0.5	0.5	0.4	1.5	3.0	1.1	0.5	0.4	0.3	0.6	5.2	3.3
	3BB	0.5	0.6	0.4	1.4	2.2	0.9	0.5	0.4	0.4	0.6	3.6	2.1
	3BC	2.8	2.4	2.3	5.4	10.2	4.3	3.2	2.6	2.4	2.6	12.9	7.0
	3BD	1.0	0.8	0.8	2.2	4.1	1.5	1.1	0.9	0.8	0.8	6.0	2.7
	3CB	2.4	2.4	2.3	2.8	5.7	3.1	2.7	2.4	2.3	2.4	8.5	4.9
	3DA	0.6	1.0	1.5	1.1	2.8	0.6	1.1	1.5	1.5	1.3	10.1	6.5
	3DB	0.5	0.0	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	3.9	10.4
	3EA	0.6	0.1	0.1	0.1	0.4	0.1	0.0	0.0	0.0	0.0	12.8	9.8
	3EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	9.7
	3EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	8.0
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
	3FA	1.6	1.0	1.1	0.0	1.7	1.5	1.1	1.1	1.1	0.9	0.0	10.6
	3FB	0.0	0.0	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	29.1
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.2	0.1	0.4	63.9	4.3	13.5	0.1	0.1	0.2	1.6	2.5
	3LA	0.0	0.0	0.0	0.0	0.4	0.1	0.6	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	7.5	0.5	1.2	0.0	0.0	0.0	0.0	0.1
	3MB	0.0	0.0	0.0	0.0	14.7	0.5	3.3	0.0	0.1	0.1	0.0	0.4
	3MC	0.0	0.0	0.0	0.0	9.4	0.1	0.6	0.0	0.0	0.0	0.0	0.1
	3MD1	0.0	0.0	0.0	0.0	26.1	1.8	4.5	0.0	0.1	0.0	0.1	1.0
	3MD2	0.0	0.0	0.0	0.0	3.2	0.3	0.7	0.0	0.0	0.0	0.0	0.2
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1994 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.5	1.3	1.1	4.8	14.7	2.3	1.5	1.3	1.1	1.2	12.6	3.9
	4AB	1.9	1.9	1.8	4.8	17.8	4.6	3.4	2.6	2.2	2.3	12.9	5.3
	4AC	2.8	2.7	2.6	5.7	16.8	5.7	4.1	3.5	3.2	3.8	12.7	6.3
	4AD	3.3	2.9	2.7	9.6	21.9	6.7	4.9	3.9	3.5	5.1	19.2	7.8
	4BA	0.6	0.5	0.4	3.6	8.6	1.5	0.8	0.5	0.4	0.4	8.8	2.3
	4BB	1.6	1.3	1.2	9.3	14.3	3.3	2.5	1.9	1.6	3.8	15.4	4.5
	4BC	1.6	1.7	1.6	0.0	3.6	2.1	1.0	1.1	1.3	0.0	2.2	2.4
	4BD	2.9	2.5	2.3	15.5	24.4	5.9	4.5	3.4	2.9	6.5	26.6	8.1
	4BE	3.6	2.8	2.5	13.3	21.9	6.5	4.6	3.5	3.2	5.1	26.2	9.4
	4BF	2.5	2.4	2.2	5.5	6.1	2.8	2.4	2.3	2.2	2.3	11.4	4.3
	4BG	1.4	1.3	1.2	0.0	5.1	2.6	1.5	1.3	1.3	0.5	7.8	4.0
	4CA	6.5	6.0	5.7	13.9	21.1	9.6	8.2	7.1	6.7	9.1	24.1	11.8
	4CB	4.3	3.9	3.7	8.9	12.9	5.7	4.9	4.4	4.1	5.1	16.0	7.6
	4CC	3.6	3.0	2.8	3.8	9.3	4.2	3.1	2.8	2.8	2.5	17.1	9.9
	4DA	4.4	3.9	3.6	11.9	18.3	6.4	4.7	4.1	3.9	3.9	29.0	9.5
	4DB	1.7	1.2	1.0	11.2	10.7	2.5	1.6	1.4	1.2	3.4	22.7	5.6
	4DC	1.8	1.3	1.1	9.7	9.9	2.5	1.7	1.4	1.2	3.5	20.2	5.3
	4DD	0.3	0.3	0.2	0.0	1.5	0.7	0.4	0.3	0.3	0.1	4.1	1.7
	4DE	0.7	0.5	0.4	0.0	2.9	2.2	0.8	0.5	0.6	0.0	4.6	3.9
	4EA	5.2	4.4	4.0	20.2	18.2	5.1	4.4	4.1	4.0	17.1	81.4	26.2
	4EB	6.7	5.7	5.6	39.1	28.9	7.1	6.4	5.6	5.4	25.8	95.1	27.9
	4EC	5.5	4.9	4.5	13.2	11.7	6.0	5.0	4.6	4.4	6.1	32.3	10.8
	4ED	8.7	7.2	6.4	6.2	15.5	9.1	6.8	6.3	6.2	6.1	78.6	46.9
	4FA	8.8	5.4	4.7	15.3	25.5	7.0	5.2	4.6	4.5	18.9	174.8	64.1
	4FB	6.1	2.5	1.6	0.0	12.5	4.8	2.1	1.6	1.6	2.1	160.1	49.0
	4GA	6.1	3.8	3.0	0.0	5.6	3.8	2.7	2.6	2.6	0.0	193.9	51.0
	4GB	0.5	0.0	0.0	0.0	3.6	0.6	0.0	0.0	0.0	0.0	139.8	45.3
	4GC	0.0	0.0	0.0	0.0	3.7	0.6	0.0	0.0	0.0	0.0	0.0	3.6
	4GD	0.0	0.0	0.0	0.0	7.4	1.1	0.0	0.0	0.0	0.0	3.4	12.2
	4GE	0.0	0.0	0.0	0.0	4.8	0.4	0.0	0.0	0.0	0.0	0.0	5.3
	4GF	0.0	0.0	0.0	0.0	13.2	1.5	0.0	0.0	0.0	0.0	0.0	126.3
	4GG	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6
	4HA	6.8	5.8	5.1	5.0	4.9	4.9	4.8	4.8	4.8	4.8	13.5	69.6
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	13.8	2.2	0.0	0.0	0.0	0.0	2.2	16.6
	4JB	0.0	0.0	0.0	0.0	5.4	0.9	0.0	0.0	0.0	0.0	0.8	6.5
	4KA	0.0	0.0	0.0	0.0	8.7	1.4	0.0	0.0	0.0	0.0	1.4	10.5
	4KB	0.0	0.0	0.0	0.0	14.8	2.4	0.0	0.0	0.0	0.0	2.3	17.8
ENNCA	5AA	0.2	0.2	0.2	0.2	5.0	2.7	4.3	5.1	1.6	0.4	0.7	1.1
	5AB	0.1	0.1	0.1	0.1	1.7	1.1	1.4	1.6	0.4	0.1	0.1	0.4
	5AC	0.0	0.0	0.0	0.0	1.8	0.9	1.0	1.5	0.5	0.1	0.1	0.2
	5AD	0.0	0.0	0.0	0.0	1.0	0.4	0.3	0.4	0.2	0.1	0.0	0.1
	5BA	0.1	0.1	0.1	0.2	4.5	1.0	0.3	0.2	0.1	0.1	2.5	1.0
	5BB	0.2	0.2	0.2	0.8	8.9	2.3	0.9	0.5	0.5	0.5	5.3	1.8
	5BC-1	0.8	0.6	0.6	0.6	18.8	4.1	1.9	1.6	1.0	0.6	9.1	3.8
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.4	0.3	0.4	3.0	1.5	1.2	1.2	0.7	0.4	0.7	0.9
	5BE	0.8	0.2	0.2	2.2	15.3	2.2	0.5	0.3	0.2	1.6	25.8	8.6
	5CA	0.1	0.1	0.1	0.1	3.6	5.7	3.4	5.4	1.4	0.2	0.3	0.5
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0
	5DA	2.3	0.7	0.2	6.6	8.1	1.4	0.5	0.3	0.3	6.9	85.8	35.6
	5DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	4.5
	5DC	0.2	0.0	0.0	0.0	0.6	0.7	0.1	0.2	0.2	0.0	0.3	0.7
	5DD	0.1	0.0	0.0	0.0	0.2	0.7	0.2	0.3	0.3	0.0	0.1	1.0
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	327.7	174.3
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2

Monthly Surface Water by Sub-basin

Year 1995 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.3	0.5	2.2	1.4	1.2	1.4	2.6	1.4	1.5	0.7
	1AB	1.0	0.8	0.8	0.9	3.6	3.0	2.8	3.5	5.1	3.1	3.1	1.5
	1AC	0.0	0.0	0.0	0.0	0.2	0.6	0.4	0.4	0.8	0.5	0.5	0.1
	1AD	0.5	0.4	0.4	1.1	3.2	2.3	1.6	1.2	2.3	2.2	2.1	1.1
	1AE	0.3	0.2	0.3	0.8	1.5	1.0	0.6	0.4	0.9	1.0	0.9	0.5
	1AF	0.8	0.6	0.6	1.2	3.1	2.3	1.8	1.4	2.5	2.4	2.6	1.3
	1AG	0.4	0.2	0.3	0.8	2.6	1.7	1.4	0.9	1.8	1.9	2.1	1.0
	1AH	0.2	0.1	0.2	2.0	2.9	1.4	0.9	0.4	1.9	2.1	2.0	0.6
	1BA	0.5	0.3	0.3	0.4	1.7	0.9	2.2	2.3	2.9	1.9	2.3	1.0
	1BB	1.9	1.6	1.5	2.0	5.4	3.7	9.5	8.9	9.7	7.5	8.4	3.2
	1BC	0.9	0.6	0.6	0.6	1.2	1.9	5.3	5.0	5.4	4.1	4.0	1.6
	1BD	1.9	1.7	1.7	1.6	2.5	2.7	3.3	4.7	5.5	3.6	3.3	2.2
	1BE	1.5	0.8	0.8	0.6	2.2	4.2	11.6	12.8	12.5	9.6	9.1	3.4
	1BG	2.4	2.1	2.1	2.0	4.6	6.5	9.9	11.3	13.1	8.6	7.4	3.4
	1BH	1.5	1.2	1.2	1.3	3.9	4.5	5.6	7.0	8.7	5.4	4.8	2.2
	1CA	1.8	1.6	1.7	1.7	3.8	2.8	3.2	4.1	4.6	2.8	2.7	2.2
	1CB	1.4	1.3	1.5	1.8	5.3	3.2	4.2	5.3	5.9	2.8	2.8	2.1
	1CC	3.1	2.9	3.3	4.1	7.8	5.1	6.9	6.9	7.9	4.7	5.0	3.9
	1CD	5.0	4.6	4.8	5.3	14.5	11.0	13.0	15.3	16.3	9.1	8.9	6.8
	1CE	1.5	1.4	1.3	1.2	3.1	3.6	3.6	4.2	4.7	2.6	2.3	1.7
	1DA	2.7	2.4	2.4	2.9	7.4	8.3	7.1	6.9	8.4	5.1	5.6	3.8
	1DB	4.0	3.6	3.6	3.9	8.8	8.4	8.8	9.9	12.2	8.3	8.4	5.1
	1DC	1.9	1.6	1.7	1.7	4.0	4.0	3.8	3.4	4.5	3.7	4.0	2.8
	1DD	2.0	1.8	2.0	2.3	4.6	3.9	3.7	3.0	4.1	4.0	4.4	3.0
	1EA	4.6	4.3	4.8	7.3	11.1	11.4	11.3	8.5	10.1	8.1	9.4	6.4
	1EB	3.8	3.6	4.1	5.9	7.7	7.6	7.7	5.6	6.8	6.4	7.3	5.1
	1EC	2.4	2.2	2.3	2.9	4.6	4.8	4.5	3.7	4.3	3.8	4.1	3.1
	1ED	0.9	0.8	0.9	1.3	2.1	1.7	1.7	1.3	1.6	1.9	1.9	1.4
	1EE	0.6	0.6	0.4	1.5	4.9	2.5	1.6	0.8	2.2	3.9	4.2	2.1
	1EF	0.0	0.0	0.0	1.1	5.7	1.7	0.0	0.0	1.3	3.1	3.5	1.2
	1EG	1.0	0.9	1.3	4.4	7.2	4.4	3.7	1.9	3.3	5.8	6.8	3.5
	1FA	0.3	0.2	0.6	1.1	1.9	1.4	1.9	1.8	2.3	1.1	1.3	0.5
	1FB	2.1	1.9	2.8	4.3	7.3	6.1	7.3	6.6	7.1	4.9	5.3	3.3
	1FC	1.4	1.2	1.6	2.1	4.3	3.3	3.8	3.3	3.8	2.9	3.1	2.2
	1FD	1.9	1.7	2.7	3.8	6.8	5.2	5.8	5.2	6.4	4.6	4.9	2.8
	1FE	3.1	2.6	4.0	7.6	13.6	10.1	10.9	7.1	8.5	8.9	10.4	6.2
	1FF	0.0	0.0	0.0	2.0	3.5	2.1	2.0	0.8	1.0	1.8	2.8	1.0
	1FG	0.0	0.0	0.0	6.8	12.0	2.5	1.0	0.0	1.5	5.5	7.6	2.1
LVSCA	1GA	1.0	0.8	2.7	4.0	7.4	4.8	6.1	5.0	6.8	4.8	5.1	1.9
	1GB	0.5	0.4	0.9	5.8	8.8	3.7	4.1	4.3	5.2	6.7	4.4	1.2
	1GC	2.5	2.3	6.1	7.9	14.5	11.0	11.1	8.7	12.4	11.7	11.0	4.7
	1GD	1.8	1.9	2.3	5.0	6.1	4.0	2.9	2.9	4.2	7.5	3.4	1.5
	1GE	0.0	0.0	0.0	0.1	1.0	2.6	0.0	0.0	0.1	8.1	1.8	0.0
	1GF	1.8	2.0	2.0	2.8	7.6	3.4	1.3	1.6	1.4	5.0	2.0	1.1
	1GG	0.5	0.4	2.7	3.8	6.4	4.6	4.2	3.5	5.3	5.0	4.4	1.3
	1HA1	0.9	0.9	1.1	3.2	7.7	3.0	2.4	1.7	1.9	3.4	3.3	1.4
	1HA2	0.0	0.0	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.5	0.2	0.0
	1HB1	0.3	0.0	0.0	2.5	5.1	2.2	1.3	0.4	0.3	1.2	3.4	1.9
	1HB2	0.2	0.1	0.1	1.6	3.9	1.4	1.0	0.3	0.2	1.2	1.9	0.6
	1HC	0.2	0.0	0.0	0.3	4.9	2.0	0.7	0.0	0.0	0.0	1.7	1.8
	1HD	0.7	0.1	2.9	5.1	9.5	9.0	6.1	1.6	1.1	3.7	7.3	3.1
	1HE	0.5	0.0	0.9	4.7	7.8	5.6	4.8	1.2	0.2	0.8	5.3	3.1
	1HF	0.8	0.0	0.0	0.0	5.7	5.3	1.9	0.1	0.0	0.0	0.0	0.0
	1HG	0.2	0.0	0.0	2.2	3.7	1.3	0.4	0.1	0.0	0.0	0.5	0.8
	1JA	3.9	4.1	11.0	12.4	19.0	14.9	13.0	7.9	11.1	12.5	14.0	7.6
	1JB	0.7	0.8	2.9	3.3	4.8	3.8	3.0	1.5	2.2	3.7	3.9	1.8
	1JC	2.0	2.0	5.0	5.7	8.3	7.2	5.6	3.7	5.4	7.2	7.1	3.7
	1JD	2.0	2.1	3.8	3.9	6.9	9.3	7.0	2.9	3.5	5.3	8.9	4.1
	1JE	1.7	2.0	7.4	6.8	9.2	7.2	6.5	2.3	2.8	3.7	6.0	3.0
	1JF	5.2	5.1	15.7	16.5	30.1	26.8	21.5	8.1	10.0	12.8	18.9	10.1
	1JG1	0.5	0.5	2.6	2.7	6.8	7.6	5.7	1.6	1.4	3.8	5.8	2.4
	1JG2	0.7	0.6	1.5	1.3	3.0	2.2	1.6	0.5	0.9	2.2	1.6	0.8
	1KA	0.7	0.4	3.1	2.7	4.3	3.9	3.4	0.8	0.8	1.4	4.0	1.9
	1KB	5.5	5.1	19.1	17.2	29.4	22.1	18.7	6.1	7.3	10.3	24.1	10.1
	1KC	7.4	6.8	18.6	14.5	26.2	12.5	14.0	6.4	5.2	9.1	19.1	9.2
	1LA1	2.5	2.4	11.6	13.7	22.3	11.7	11.0	5.0	6.9	7.8	9.8	5.1
	1LA2	3.8	3.6	9.4	7.1	10.2	5.7	5.2	3.0	2.8	3.8	3.8	2.7
	1LA3	3.3	3.6	18.1	8.1	16.7	6.0	3.6	2.3	2.5	3.0	3.4	2.8
	1LB1	4.1	3.8	16.3	17.1	36.0	16.2	15.3	6.8	8.2	8.0	10.0	6.0
	1LB2	1.3	1.4	14.0	4.3	13.3	2.8	1.4	0.3	0.2	0.4	0.3	0.1

Monthly Surface Water by Sub-basin

Year 1995 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.7	0.2	0.0	0.0	0.0	0.0	11.6	11.5	11.6	9.7	10.4	2.2
	2BB	1.1	0.3	0.0	0.0	0.0	0.0	18.6	18.5	18.6	15.6	16.7	3.5
	2BC	0.4	0.0	0.0	0.0	0.0	2.6	20.3	15.2	13.4	11.4	10.9	2.8
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	1.8	0.7	0.1	0.6	10.2	3.3	16.9	13.9	35.1	6.1	9.9	3.8
	2CC	1.2	0.0	0.0	0.0	0.0	0.0	6.3	10.7	23.5	13.7	17.5	4.3
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.5	1.1	0.8	2.4	0.6
	2EB	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.8	1.8	1.3	4.1	1.1
	2EC	0.0	0.0	0.0	0.0	1.2	1.1	1.9	1.6	4.0	2.8	4.1	1.3
	2ED	0.0	0.0	0.0	0.0	2.4	2.1	4.9	4.0	7.0	4.0	4.8	1.4
	2EE	0.0	0.0	0.0	0.2	4.1	1.9	5.0	3.0	6.5	2.0	2.7	0.7
	2EF	0.0	0.0	0.0	0.0	1.5	1.4	3.2	2.6	4.6	2.6	3.1	0.9
	2EG1	0.0	0.0	0.0	0.0	1.3	0.6	1.3	0.9	2.1	1.1	1.5	0.3
	2EG2	0.0	0.0	0.0	0.0	4.3	1.9	4.2	2.9	6.9	3.8	4.9	1.1
	2EH	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.5	3.2	0.6	0.6	0.4
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
	2FA	0.1	0.0	0.0	0.0	0.4	0.5	1.1	0.6	1.1	0.9	2.0	1.2
	2FB	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.1	0.3	0.2	0.5	0.3
	2FC	0.2	0.0	0.0	0.0	0.4	1.0	3.0	1.4	4.3	3.3	4.5	1.8
	2GA	0.3	0.0	0.2	0.3	0.7	0.7	1.7	0.6	1.0	0.6	2.0	1.0
	2GB	0.9	0.2	1.4	1.7	3.9	3.7	6.6	2.0	3.7	3.8	10.4	3.3
	2GC	1.2	0.5	4.2	3.8	8.2	5.7	7.2	1.9	2.7	2.4	9.3	4.4
	2GD	1.7	0.7	6.0	5.4	11.5	8.1	10.1	2.7	3.8	3.4	13.1	6.2
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	1.7	1.1	8.9	9.3	34.0	9.9	7.9	3.3	4.4	4.0	4.7	2.5
	2KB	0.8	0.4	2.8	2.9	2.8	1.9	2.7	1.3	1.6	1.6	1.9	1.0
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.2	1.8	4.6	3.5	6.7	2.4	1.4	1.3	1.2	1.3	1.6	1.5
	3AB	0.9	0.4	1.9	1.3	1.9	0.6	0.2	0.1	0.1	0.1	0.1	0.1
	3AC	1.2	0.4	1.5	2.1	2.6	0.8	0.1	0.0	0.0	0.0	0.2	0.4
	3BA	1.0	0.8	2.4	2.6	4.0	1.0	0.4	0.3	0.2	0.3	1.0	1.0
	3BB	0.8	0.8	1.9	2.0	3.0	0.8	0.4	0.3	0.3	0.4	0.9	0.8
	3BC	3.3	2.8	5.7	7.2	10.2	4.2	2.9	2.5	2.3	2.2	3.0	4.3
	3BD	1.2	1.0	2.1	3.2	4.0	1.5	1.0	0.9	0.8	0.8	1.0	2.0
	3CB	2.5	2.6	3.1	4.2	5.6	3.1	2.6	2.3	2.2	2.3	2.6	3.2
	3DA	1.0	0.0	0.3	1.1	1.5	0.6	1.5	1.5	1.5	1.4	1.0	0.4
	3DB	1.5	0.2	0.0	0.1	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2
	3EA	2.1	0.7	1.4	1.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.3
	3EB	1.7	0.3	0.4	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	1.6	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	2.8	1.4	0.8	1.1	1.2	1.4	1.1	1.1	1.1	1.0	1.0	1.0
	3FB	5.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.5	0.4	1.4	1.0	2.1	0.5	0.2	0.1	0.1	0.1	0.3	0.2
	3LA	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	4.9	0.7	0.0	0.2	0.0	0.0	2.5	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1995 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.8	2.0	2.9	4.4	12.5	2.2	1.3	1.2	1.1	3.1	7.3	4.3
	4AB	3.2	3.1	4.5	3.8	13.4	3.9	2.9	2.2	2.0	3.2	8.5	4.7
	4AC	3.8	3.7	5.2	4.6	13.0	5.2	4.1	3.0	3.0	3.2	7.8	5.3
	4AD	4.1	4.0	6.3	6.6	16.9	6.0	5.0	3.3	3.2	3.2	9.7	6.6
	4BA	0.9	0.7	1.1	3.6	8.9	1.6	0.6	0.5	0.4	0.2	2.1	1.9
	4BB	1.9	2.2	3.7	6.4	12.8	3.4	2.3	1.5	1.3	1.4	6.3	4.0
	4BC	1.9	1.3	0.2	1.1	5.1	1.9	1.0	1.5	1.6	1.5	0.6	2.3
	4BD	3.5	3.9	6.4	11.1	22.6	6.1	4.1	2.8	2.5	2.5	10.5	7.0
	4BE	4.1	3.6	5.9	11.0	21.8	7.0	4.3	3.2	2.8	2.3	8.1	7.3
	4BF	2.6	2.4	2.7	6.0	7.5	2.9	2.4	2.3	2.3	2.3	2.9	4.1
	4BG	1.8	1.2	1.4	1.2	6.7	2.5	1.6	1.4	1.2	0.2	1.6	1.5
	4CA	7.2	6.6	10.2	12.0	16.9	9.6	8.4	6.7	6.4	6.1	10.8	9.8
	4CB	4.7	4.4	6.2	8.6	11.7	6.0	4.8	4.2	4.0	3.9	6.5	6.8
	4CC	4.2	3.3	3.8	5.4	7.8	3.9	3.1	2.9	2.8	2.6	3.0	4.4
	4DA	5.3	4.7	5.4	12.6	24.4	6.6	4.8	4.3	4.1	4.1	11.2	8.8
	4DB	2.1	1.6	3.1	7.6	13.9	2.7	1.7	1.5	1.4	2.1	9.0	6.5
	4DC	2.1	1.6	3.1	6.8	12.6	2.7	1.7	1.6	1.5	2.1	8.7	6.3
	4DD	0.7	0.4	0.3	0.0	1.8	0.7	0.4	0.3	0.3	0.0	0.4	0.6
	4DE	1.3	0.5	0.4	0.0	2.4	1.7	0.8	0.6	0.5	0.0	0.5	0.6
	4EA	5.7	4.6	9.3	33.3	36.3	5.2	4.4	4.2	4.1	8.5	29.3	24.6
	4EB	7.4	6.5	15.3	35.3	52.7	7.6	6.2	6.1	5.9	11.1	39.6	31.1
	4EC	5.8	5.1	5.6	10.7	17.7	6.2	5.2	4.9	4.8	4.7	12.4	11.5
	4ED	12.1	8.5	8.4	13.8	27.6	10.5	7.6	6.7	6.3	5.5	13.3	24.1
	4FA	9.9	6.1	8.6	58.3	70.7	8.1	5.6	5.1	4.7	11.5	44.0	46.1
	4FB	7.1	2.9	2.4	31.6	51.3	5.7	2.4	1.8	1.6	0.0	22.6	28.8
	4GA	9.8	4.9	3.5	25.6	57.4	10.3	4.8	3.6	3.1	1.0	9.3	21.1
	4GB	5.4	0.0	0.0	1.4	21.9	2.6	0.0	0.0	0.0	0.0	0.0	2.3
	4GC	0.1	0.0	0.0	0.0	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	0.3	0.0	0.0	0.0	3.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	4GE	0.0	0.0	0.0	0.0	3.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	9.5	0.0	0.0	0.0	6.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	16.8	9.4	6.7	5.8	5.9	5.3	5.0	4.9	4.8	4.8	5.8	9.4
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.5	0.0	0.0	0.0	10.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.2	0.0	0.0	0.0	4.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.3	0.0	0.0	0.0	6.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.5	0.0	0.0	0.0	11.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.3	0.2	0.5	0.3	1.7	0.6	2.2	1.5	2.4	1.6	6.9	1.5
	5AB	0.1	0.1	0.1	0.1	0.7	0.2	1.1	0.4	0.5	1.4	3.1	0.4
	5AC	0.0	0.0	0.0	0.0	0.8	0.2	0.3	0.2	0.2	0.2	1.7	0.4
	5AD	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	2.0	0.5
	5BA	0.3	0.2	0.4	0.3	2.7	0.6	0.2	0.1	0.1	0.6	3.2	0.8
	5BB	0.5	0.3	1.2	0.7	5.6	1.0	1.0	0.4	0.4	3.1	6.8	1.7
	5BC-1	0.9	0.6	0.9	1.0	13.3	1.8	1.6	0.9	0.8	7.3	20.6	3.7
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.3	0.4	0.4	1.5	0.6	1.2	0.6	0.6	1.5	6.1	1.2
	5BE	0.8	0.5	3.6	8.5	19.0	0.9	0.4	0.2	0.2	12.2	14.8	8.6
	5CA	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	4.0	1.4	2.4	26.1	21.9	2.1	0.8	0.3	0.2	11.1	29.2	26.0
	5DB	0.7	0.3	0.4	0.7	2.6	0.4	0.2	0.0	0.0	1.1	4.0	3.9
	5DC	0.2	0.0	0.1	0.1	0.7	0.3	0.2	0.1	0.1	0.0	1.5	0.6
	5DD	0.2	0.0	0.0	0.0	0.2	0.3	0.2	0.1	0.0	0.0	1.5	0.3
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	34.4	3.2	0.0	45.5	70.9	3.8	0.0	0.0	0.0	0.0	42.4	34.0
	5FA	30.9	3.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.1	0.1	0.0	6.1	228.3	67.2	31.3	14.3	7.6	3.7	1.7	0.6

Monthly Surface Water by Sub-basin

Year 1996 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.4	0.4	2.9	3.6	2.6	1.7	1.3	3.3	2.5	1.4	1.0
	1AB	0.9	0.9	1.0	5.1	6.9	5.1	3.5	3.4	6.3	4.1	2.8	2.0
	1AC	0.0	0.0	0.0	1.0	1.9	1.2	0.7	0.4	1.2	1.0	0.6	0.3
	1AD	0.5	0.6	0.8	4.4	4.9	3.2	2.1	1.4	3.7	3.6	2.1	1.5
	1AE	0.3	0.3	0.4	1.3	1.5	1.2	0.9	0.6	1.2	1.3	0.9	0.6
	1AF	0.8	0.9	1.4	5.1	5.7	3.6	2.4	1.5	4.2	4.1	2.4	1.9
	1AG	0.4	0.6	0.9	4.6	4.7	3.0	1.7	1.0	3.5	3.6	1.8	1.5
	1AH	0.3	0.4	1.1	3.7	3.4	2.4	1.5	0.6	3.1	3.2	1.5	1.1
	1BA	0.5	0.4	0.4	1.5	1.1	5.2	5.0	3.6	3.3	1.0	0.7	0.9
	1BB	2.0	1.7	1.7	4.0	4.2	15.1	13.2	11.3	12.3	3.5	3.1	3.1
	1BC	0.9	0.7	0.6	0.8	2.0	3.5	2.6	3.5	6.1	2.9	1.8	1.4
	1BD	1.8	1.7	1.6	1.9	2.3	3.4	4.0	4.9	5.5	3.2	2.2	1.9
	1BE	1.4	0.9	0.7	1.4	5.2	7.4	5.1	6.4	13.7	7.4	3.7	2.4
	1BG	2.3	2.1	2.0	3.0	6.5	7.0	6.0	9.5	11.8	6.9	4.5	2.9
	1BH	1.4	1.3	1.3	3.4	6.3	6.0	4.7	5.8	8.6	5.4	3.5	2.2
	1CA	1.8	1.7	1.8	3.1	2.6	4.7	6.0	5.2	4.7	2.6	1.9	1.8
	1CB	1.5	1.4	1.6	3.9	2.7	5.5	6.9	6.2	5.5	2.5	1.6	1.5
	1CC	3.2	3.0	3.3	6.3	5.0	7.9	8.9	9.0	7.8	4.2	3.5	3.6
	1CD	5.1	4.8	5.1	10.7	9.1	14.8	17.8	16.2	15.3	8.3	5.8	5.3
	1CE	1.4	1.4	1.3	1.8	2.1	2.5	2.5	2.7	3.5	2.5	1.9	1.5
	1DA	2.6	2.8	2.8	7.4	8.1	6.9	5.2	4.4	7.6	6.4	4.0	3.3
	1DB	3.9	4.0	4.2	10.7	14.5	12.1	8.9	9.0	13.3	10.3	7.1	5.7
	1DC	1.8	2.0	2.1	6.1	7.6	5.7	3.7	2.8	5.7	5.8	3.5	3.0
	1DD	2.1	2.4	2.6	7.8	8.6	6.3	3.9	2.8	6.3	6.9	4.0	3.7
	1EA	4.7	5.3	5.7	12.7	10.8	9.7	7.9	7.0	10.3	8.3	6.0	5.8
	1EB	4.0	4.6	4.9	10.8	9.1	7.7	5.5	4.6	8.2	7.6	5.1	5.0
	1EC	2.4	2.6	2.7	5.9	5.4	4.5	3.4	3.0	4.7	4.5	3.1	2.9
	1ED	0.9	1.0	1.1	3.3	2.7	2.2	1.4	1.1	2.6	2.7	1.5	1.5
	1EE	0.8	0.7	0.9	7.2	6.0	4.6	1.9	0.7	5.8	8.0	2.7	2.9
	1EF	0.0	0.0	0.2	7.3	5.9	4.9	0.9	0.0	4.1	8.1	2.1	2.1
	1EG	1.7	1.8	2.2	12.3	7.9	6.3	3.1	1.7	7.3	10.2	3.6	4.5
	1FA	0.3	0.3	0.5	1.5	1.4	1.9	2.3	3.1	2.3	0.7	0.7	0.7
	1FB	2.3	2.6	3.8	7.3	6.6	7.1	7.1	7.1	7.7	4.3	3.6	3.5
	1FC	1.5	1.6	1.9	4.5	3.9	3.8	3.5	3.3	4.4	2.7	2.2	2.5
	1FD	2.2	2.2	3.1	6.8	6.2	5.8	6.3	6.9	7.4	3.8	3.8	4.2
	1FE	3.7	4.7	6.1	17.5	12.7	11.4	7.7	5.7	11.1	9.8	5.5	6.9
	1FF	0.2	0.5	1.3	5.2	3.4	2.5	1.2	0.4	1.8	2.5	0.8	1.6
	1FG	0.0	0.0	3.5	18.9	9.4	8.3	1.2	0.0	5.6	10.3	2.8	4.6
LVSCA	1GA	1.1	1.8	2.7	8.2	5.5	5.8	7.1	9.7	7.5	2.6	2.4	3.4
	1GB	1.2	2.8	6.0	13.9	7.1	5.6	8.2	6.0	8.0	2.8	4.8	2.6
	1GC	3.4	5.8	5.0	14.3	9.1	9.4	13.2	13.1	14.4	6.5	4.7	6.5
	1GD	1.9	5.0	5.1	12.1	6.2	5.6	7.0	3.4	5.0	2.0	4.2	3.2
	1GE	0.0	1.2	5.3	13.8	6.3	4.3	4.8	0.1	2.2	0.1	3.9	1.7
	1GF	1.3	3.3	5.9	12.0	5.8	2.4	3.9	1.6	1.7	1.3	2.8	2.5
	1GG	0.8	2.8	2.4	7.9	4.3	4.7	5.9	5.6	6.0	1.9	1.8	2.9
	1HA1	1.1	1.7	5.3	8.7	6.3	3.8	3.4	1.8	3.3	2.0	3.0	3.0
	1HA2	0.0	0.0	1.4	6.5	1.1	0.4	0.4	0.0	0.1	0.0	0.4	0.7
	1HB1	0.6	0.5	1.7	7.1	4.6	3.5	1.5	0.3	0.8	3.8	1.5	2.5
	1HB2	0.3	0.5	2.0	4.5	2.7	2.0	1.0	0.3	0.6	0.9	0.8	1.4
	1HC	0.3	0.0	0.0	5.5	4.1	3.7	1.4	0.1	0.0	2.8	1.3	2.0
	1HD	2.2	5.6	5.9	13.2	9.6	6.3	5.5	1.8	6.9	4.7	4.2	4.9
	1HE	0.9	1.5	4.3	9.4	9.6	4.4	3.4	0.9	7.2	5.3	3.3	4.2
	1HF	0.0	0.0	0.0	0.0	2.7	5.4	1.4	0.0	1.0	4.0	2.0	1.9
	1HG	0.1	0.0	0.1	2.0	5.1	1.3	0.5	0.0	1.4	2.2	0.9	1.0
	1JA	7.8	12.4	11.8	24.2	11.5	10.7	13.1	10.4	14.4	8.5	6.3	10.0
	1JB	2.0	3.9	3.4	6.3	3.0	2.3	2.9	1.8	3.0	2.0	1.6	2.5
	1JC	3.5	6.2	5.6	10.4	5.7	4.9	6.2	4.4	6.2	4.3	3.6	4.9
	1JD	3.5	5.8	7.1	17.9	7.9	5.3	5.1	3.2	4.5	3.4	2.9	3.5
	1JE	5.5	10.3	6.8	13.1	5.9	4.3	6.1	3.6	8.9	4.9	3.1	5.0
	1JF	11.7	20.0	20.9	44.6	19.9	13.9	16.9	10.9	20.5	12.0	8.0	11.2
	1JG1	2.2	4.6	5.6	13.7	6.6	4.0	3.9	1.7	4.4	2.9	2.0	3.2
	1JG2	0.8	1.7	1.7	3.8	2.2	1.5	1.7	0.9	1.9	0.8	0.7	1.2
	1KA	1.2	3.4	2.7	5.1	6.4	2.9	2.3	1.4	5.9	4.1	2.6	2.9
	1KB	11.5	27.5	19.3	35.2	36.3	14.9	13.9	8.3	30.3	20.8	11.6	17.1
	1KC	12.4	40.9	21.0	40.2	22.5	14.0	11.0	6.6	25.4	17.9	8.5	13.7
	1LA1	7.7	14.9	13.4	29.2	10.2	9.7	13.4	9.8	16.3	8.6	4.8	9.6
	1LA2	5.9	13.1	8.9	19.3	8.2	6.1	6.9	4.5	9.8	6.0	3.0	5.9
	1LA3	4.1	28.1	18.7	44.7	11.6	11.0	13.7	7.1	14.7	8.7	3.8	6.5
	1LB1	10.2	21.5	19.7	56.1	14.6	13.4	19.6	13.2	22.9	10.8	5.5	11.0
	1LB2	1.1	23.4	13.1	30.4	6.1	5.8	9.7	3.3	9.6	4.9	0.8	2.3

Monthly Surface Water by Sub-basin

Year 1996 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.9	0.3	0.0	0.0	0.0	6.5	8.3	10.1	21.4	4.5	4.4	3.6
	2BB	1.5	0.5	0.0	0.0	0.0	10.5	13.4	16.3	34.4	7.2	7.0	5.7
	2BC	0.4	0.0	0.0	0.0	4.2	10.5	5.5	10.3	25.4	9.8	6.4	4.0
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	1.8	0.9	0.3	3.6	1.5	33.5	67.7	64.0	41.2	7.1	3.5	2.0
	2CC	1.3	0.0	0.0	0.0	0.0	18.1	39.7	43.1	49.9	7.5	4.2	3.3
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.0	0.0	0.0
	2EA	0.2	0.0	0.0	0.0	0.0	0.1	2.5	3.9	3.5	0.7	0.3	0.2
	2EB	0.3	0.0	0.0	0.0	0.0	0.0	4.2	6.5	5.7	1.2	0.4	0.3
	2EC	0.3	0.0	0.0	0.0	0.0	0.1	1.6	2.9	4.8	2.0	0.6	0.7
	2ED	0.3	0.0	0.0	0.0	0.0	0.3	4.0	9.0	11.5	3.9	0.9	1.5
	2EE	0.0	0.0	0.0	0.0	0.0	2.1	9.1	15.1	10.6	2.2	0.4	1.0
	2EF	0.2	0.0	0.0	0.0	0.0	0.2	2.6	5.9	7.5	2.6	0.6	1.0
	2EG1	0.0	0.0	0.0	0.0	0.0	0.1	1.6	2.6	3.3	1.0	0.3	0.3
	2EG2	0.0	0.0	0.0	0.0	0.0	0.3	5.2	8.6	10.9	3.4	0.9	0.9
	2EH	0.2	0.0	0.0	0.0	0.0	0.3	5.6	7.7	3.6	0.8	0.3	0.1
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.7	4.0	0.5	0.1	0.0
	2FA	0.3	0.0	0.0	0.0	0.0	0.4	1.2	1.6	2.3	1.2	0.6	0.7
	2FB	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.3	0.2	0.2
	2FC	0.6	0.1	0.1	0.0	0.0	1.6	5.4	4.2	4.8	1.7	0.7	0.9
	2GA	0.3	0.0	0.0	0.0	0.0	0.9	1.8	1.8	2.9	1.2	0.6	0.7
	2GB	1.2	0.4	0.3	0.4	0.8	5.8	7.9	6.5	9.2	3.5	2.2	2.8
	2GC	1.9	1.1	1.3	3.2	3.8	9.2	6.0	4.1	6.8	3.4	3.5	3.9
	2GD	2.7	1.5	1.9	4.5	5.3	12.9	8.5	5.9	9.6	4.9	4.9	5.6
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	2.8	8.0	12.3	46.4	10.4	21.5	27.3	13.7	17.3	6.6	2.0	4.0
	2KB	1.1	2.0	2.4	6.8	2.4	2.3	2.1	2.4	2.9	2.5	0.9	1.5
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.4	1.3	1.3	2.3	1.8	2.0	1.5	1.3	1.2	1.2	1.6	1.9
	3AB	0.1	0.1	0.1	0.5	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.2
	3AC	0.2	0.1	0.0	0.4	0.2	0.3	0.1	0.0	0.0	0.0	0.3	2.2
	3BA	0.6	0.4	0.5	1.4	0.6	1.1	0.6	0.3	0.3	0.2	1.1	1.9
	3BB	0.5	0.5	0.5	1.1	0.6	1.0	0.6	0.4	0.4	0.3	1.1	1.3
	3BC	3.3	2.7	2.6	4.5	4.4	6.1	3.8	2.7	2.5	2.2	3.1	5.6
	3BD	1.2	0.9	0.9	1.7	1.6	2.5	1.3	0.9	0.8	0.8	0.9	2.5
	3CB	2.9	2.5	2.5	3.5	3.2	4.0	3.0	2.5	2.3	2.2	2.4	3.9
	3DA	0.4	1.3	1.4	0.1	0.6	1.1	1.4	1.6	1.5	1.6	2.0	4.3
	3DB	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.0
	3EA	0.4	0.1	0.0	0.5	0.3	0.1	0.0	0.0	0.0	0.0	1.3	3.8
	3EB	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.7
	3EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	1.3	1.0	1.1	1.0	0.9	1.1	1.2	1.2	1.0	1.1	0.2	1.8
	3FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.1	0.1	0.5	36.6	0.4	0.1	0.1	0.1	0.1	0.3	0.2
	3LA	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	34.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1996 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.1	1.5	1.2	1.4	4.3	3.8	1.7	1.2	1.1	1.1	1.1	1.5
	4AB	3.3	2.3	2.0	2.7	5.0	6.1	3.2	2.3	2.1	1.9	2.0	3.5
	4AC	4.1	3.3	3.1	4.2	5.5	6.9	4.1	3.1	3.5	3.0	3.4	4.2
	4AD	4.7	3.7	3.5	6.2	8.5	8.3	4.5	3.4	4.0	3.3	3.8	6.1
	4BA	1.0	0.6	0.4	0.7	1.8	2.0	0.7	0.5	0.4	0.4	0.4	0.4
	4BB	2.4	2.0	2.0	5.3	6.3	4.3	2.0	1.4	1.6	1.3	2.8	3.9
	4BC	2.1	1.3	0.9	0.0	0.0	1.6	1.6	1.6	1.3	1.5	0.0	0.0
	4BD	4.3	3.6	3.6	8.9	10.5	7.5	3.5	2.6	2.9	2.4	4.7	6.7
	4BE	5.0	4.0	4.0	9.1	9.1	8.1	4.2	3.1	3.3	2.8	4.8	7.5
	4BF	2.7	2.4	2.3	2.9	2.6	2.6	2.3	2.2	2.2	2.2	2.3	3.6
	4BG	1.7	1.3	1.1	1.4	0.5	1.9	1.3	1.2	1.1	1.1	0.4	1.8
	4CA	7.7	7.3	7.3	11.4	11.4	11.9	8.2	6.9	7.4	6.4	9.5	10.9
	4CB	5.1	4.7	4.5	7.4	7.3	7.2	5.0	4.2	4.2	3.8	5.3	7.4
	4CC	3.6	2.9	2.8	3.6	2.8	3.1	2.8	2.7	2.8	2.7	2.4	6.2
	4DA	5.8	4.6	4.2	5.3	7.0	6.3	4.4	3.9	3.8	3.7	3.6	4.1
	4DB	2.7	2.0	1.5	4.2	4.6	3.3	1.8	1.4	1.2	1.1	2.0	3.0
	4DC	2.7	2.1	1.6	4.1	4.5	3.3	1.9	1.4	1.3	1.2	2.1	3.1
	4DD	0.6	0.4	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.3
	4DE	0.9	0.5	0.4	0.4	0.0	1.3	0.6	0.5	0.4	0.4	0.0	0.9
	4EA	9.1	5.0	6.0	9.1	10.8	8.8	4.4	4.2	4.0	3.9	16.5	11.4
	4EB	11.7	7.1	8.6	16.8	16.0	11.3	6.4	5.8	5.6	5.6	21.3	15.4
	4EC	6.6	5.5	5.0	6.7	6.3	5.9	4.9	4.6	4.5	4.4	4.8	7.1
	4ED	11.8	8.8	7.1	8.0	6.1	7.4	6.4	6.2	6.0	6.0	7.1	12.4
	4FA	17.0	7.4	6.7	8.7	9.5	12.2	5.9	4.8	4.4	4.8	20.5	19.6
	4FB	8.8	4.8	1.8	3.3	1.2	3.5	2.0	1.7	1.5	1.5	1.4	14.2
	4GA	8.4	5.5	3.3	3.6	2.0	4.0	3.0	2.8	2.7	2.7	0.0	5.7
	4GB	1.2	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	2.5
	4GC	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.1
	4GD	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2.9
	4GE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	4GF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	6.4	5.4	5.0	5.2	5.2	5.0	4.8	4.7	4.7	4.7	7.9	10.8
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	7.0
	4JB	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	2.8
	4KA	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	4.4
	4KB	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	7.5
ENNCA	5AA	0.4	0.3	0.2	0.2	0.2	5.7	6.6	5.6	6.5	1.1	0.5	0.4
	5AB	0.1	0.1	0.1	0.1	0.1	1.9	2.8	2.2	2.2	0.2	0.1	0.1
	5AC	0.1	0.0	0.0	0.0	0.0	3.9	3.9	1.2	1.5	0.2	0.0	0.0
	5AD	0.1	0.0	0.0	0.0	0.0	0.8	1.7	1.0	1.2	0.1	0.0	0.0
	5BA	0.4	0.2	0.1	0.1	0.2	0.8	0.4	0.2	0.2	0.1	0.1	0.2
	5BB	0.6	0.3	0.2	0.2	0.3	2.3	1.3	0.8	1.7	0.5	0.4	0.9
	5BC-1	1.4	0.6	0.6	0.5	0.5	3.4	5.1	3.5	5.7	1.0	0.6	0.7
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.3	0.3	0.3	0.3	1.7	2.9	2.2	3.1	0.6	0.4	0.4
	5BE	1.5	0.3	0.2	0.2	0.9	6.2	1.9	1.0	1.3	0.3	3.9	4.3
	5CA	0.1	0.1	0.1	0.1	0.1	12.4	6.4	5.6	6.5	0.4	0.2	0.2
	5CB	0.0	0.0	0.0	0.0	0.0	3.0	4.4	2.5	3.3	0.4	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	5.3	3.3	2.5	4.7	0.4	0.1	0.0
	5DA	6.1	1.5	0.7	0.8	0.3	1.0	0.9	0.4	1.0	0.2	8.5	7.3
	5DB	0.8	0.3	0.1	0.1	0.0	0.1	0.3	0.3	0.2	0.0	0.0	0.1
	5DC	0.3	0.1	0.0	0.0	0.0	0.8	1.6	0.5	0.6	0.2	0.0	0.4
	5DD	0.3	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.8	0.2	0.0	0.3
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.2	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1997 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.3	1.6	3.5	1.4	1.2	1.3	0.8	2.5	4.5	2.7
	1AB	1.0	0.7	0.7	3.2	6.6	2.8	3.0	3.5	1.8	3.5	7.7	4.2
	1AC	0.0	0.0	0.0	0.1	1.8	0.5	0.5	0.5	0.2	0.6	1.9	0.9
	1AD	0.5	0.3	0.3	1.3	4.8	1.9	1.6	1.4	1.1	3.4	5.7	4.0
	1AE	0.3	0.2	0.2	0.3	1.5	0.8	0.5	0.5	0.4	1.7	2.4	2.0
	1AF	0.8	0.6	0.5	1.2	4.8	2.3	1.9	1.9	1.2	3.2	5.9	4.5
	1AG	0.5	0.2	0.2	0.6	4.0	1.8	1.4	1.2	0.8	1.9	4.7	3.9
	1AH	0.3	0.1	0.1	0.4	3.1	1.4	0.8	0.7	0.4	2.9	5.1	4.5
	1BA	0.3	0.2	0.2	4.2	3.3	0.8	4.9	4.4	0.8	1.1	6.7	4.2
	1BB	1.7	1.5	1.4	14.8	11.2	3.5	14.1	13.8	2.9	3.6	17.4	12.2
	1BC	0.7	0.6	0.6	3.0	5.6	2.1	3.6	4.8	1.9	1.0	3.4	3.1
	1BD	1.6	1.6	1.6	1.9	5.6	2.6	3.5	4.7	2.5	1.8	4.1	4.6
	1BE	0.9	0.6	0.6	2.8	14.5	4.9	7.0	10.9	4.2	1.6	6.3	6.9
	1BG	2.1	1.9	1.9	4.9	12.5	5.3	6.2	8.5	4.0	2.8	8.5	6.6
	1BH	1.3	1.1	1.1	3.2	8.8	4.0	4.3	5.4	2.6	2.4	7.9	4.8
	1CA	1.6	1.6	1.6	2.9	4.8	2.2	4.6	5.2	2.2	2.0	5.5	5.6
	1CB	1.3	1.2	1.2	4.2	5.6	2.1	5.8	5.6	2.0	2.1	6.8	6.4
	1CC	3.0	2.9	2.8	9.3	7.6	3.9	8.8	6.7	3.8	4.2	10.9	8.8
	1CD	4.5	4.4	4.3	11.7	16.9	7.1	15.5	15.1	6.6	6.3	18.2	15.7
	1CE	1.3	1.3	1.3	1.8	4.4	2.0	2.6	2.5	1.7	1.6	3.2	2.5
	1DA	2.5	2.3	2.3	5.0	10.6	4.5	5.9	5.7	3.7	3.6	7.6	5.4
	1DB	3.9	3.5	3.4	7.7	15.2	7.8	8.4	9.3	5.5	6.7	14.9	9.4
	1DC	1.9	1.6	1.6	1.7	7.8	3.6	3.7	3.9	2.8	2.3	6.0	5.2
	1DD	2.2	1.8	1.7	2.1	7.8	4.1	3.8	3.7	2.9	3.0	7.1	6.5
	1EA	4.6	4.2	4.1	8.5	12.3	7.2	8.8	8.3	6.0	5.1	9.1	8.4
	1EB	3.9	3.6	3.5	5.1	9.1	5.9	6.1	6.0	4.8	4.2	6.4	7.2
	1EC	2.4	2.2	2.2	3.4	5.7	3.4	3.9	3.8	2.9	2.6	4.2	3.9
	1ED	0.9	0.8	0.8	0.9	2.8	1.6	1.5	1.3	1.2	1.1	2.3	2.5
	1EE	0.6	0.5	0.6	0.0	5.3	2.8	1.6	1.1	1.0	0.8	6.0	8.5
	1EF	0.0	0.0	0.0	0.0	4.3	1.0	0.2	0.0	0.3	0.0	8.7	12.7
	1EG	1.2	0.8	0.7	1.4	6.4	4.3	3.0	2.0	1.6	1.4	5.9	12.0
	1FA	0.3	0.2	0.2	3.2	2.1	0.9	2.4	1.5	0.5	1.0	3.9	2.8
	1FB	2.2	1.9	1.6	9.0	8.1	4.0	8.0	5.6	3.1	3.8	10.2	7.7
	1FC	1.5	1.2	1.2	4.0	4.9	2.2	3.9	2.8	2.1	1.7	5.3	4.5
	1FD	2.2	1.7	1.5	9.9	8.1	3.5	7.2	4.2	2.7	3.5	12.0	8.8
	1FE	3.4	2.6	2.4	6.7	14.6	6.6	8.4	6.6	4.8	3.4	9.2	15.8
	1FF	0.1	0.0	0.0	0.3	3.5	1.2	1.1	0.6	0.3	0.0	0.9	6.2
	1FG	0.0	0.0	0.0	0.0	4.4	1.4	0.3	0.0	0.0	0.0	12.3	26.5
LVSCA	1GA	1.2	0.8	0.7	11.5	7.8	2.3	6.6	3.9	1.8	1.7	13.6	8.5
	1GB	0.7	0.3	0.2	8.6	8.7	2.2	5.6	1.8	0.9	0.9	16.2	16.2
	1GC	2.6	2.1	2.0	4.9	11.7	4.2	9.1	7.8	3.6	2.7	16.7	14.6
	1GD	1.8	1.9	2.0	3.4	5.5	1.7	3.3	1.8	1.8	2.1	9.6	14.3
	1GE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.3
	1GF	1.7	1.8	1.3	3.4	1.7	1.7	1.7	1.9	1.9	2.2	3.4	17.1
	1GG	0.6	0.3	0.3	3.7	5.4	1.3	3.8	2.6	0.8	0.5	9.3	6.2
	1HA1	0.9	0.9	1.0	3.4	5.2	1.7	2.0	1.2	1.0	1.0	3.5	16.4
	1HA2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4
	1HB1	0.3	0.0	0.0	0.0	2.9	1.4	0.9	0.4	0.1	0.0	1.9	11.5
	1HB2	0.2	0.1	0.0	0.9	2.9	0.8	0.5	0.2	0.1	0.0	0.6	8.3
	1HC	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.2	10.5
	1HD	0.9	0.1	0.0	0.6	8.9	2.9	1.4	1.6	1.6	0.2	6.2	20.8
	1HE	1.0	0.1	0.0	0.0	8.7	2.7	0.9	0.4	0.9	0.1	5.5	18.2
	1HF	0.1	0.0	0.0	0.0	0.3	1.5	0.0	0.0	0.0	0.0	0.1	12.1
	1HG	0.2	0.0	0.0	1.3	4.5	0.5	0.1	0.0	0.0	0.2	4.4	9.4
	1JA	4.4	3.3	2.8	5.4	12.8	5.9	11.1	9.5	5.6	5.0	19.5	16.5
	1JB	0.8	0.6	0.5	0.9	2.7	1.2	2.1	1.8	1.0	0.9	5.2	3.8
	1JC	2.2	1.8	1.7	3.0	5.4	2.8	4.8	3.8	2.3	2.1	9.7	7.2
	1JD	2.0	1.8	1.7	2.3	3.8	2.3	2.8	2.7	2.1	1.9	5.4	5.2
	1JE	2.1	1.2	0.7	2.9	10.3	2.7	3.7	4.8	3.9	2.7	10.0	13.5
	1JF	5.0	3.6	3.1	7.1	17.9	7.1	11.7	12.4	7.2	6.6	21.9	26.2
	1JG1	0.5	0.7	1.0	1.0	4.1	1.2	1.1	1.6	0.9	0.3	4.3	7.9
	1JG2	0.6	0.9	1.3	1.2	1.9	0.6	0.9	0.7	0.7	0.6	2.2	4.9
	1KA	1.1	0.4	0.0	1.8	6.8	1.6	0.9	1.5	1.3	0.5	4.4	10.9
	1KB	8.0	3.7	1.3	13.4	49.0	8.6	5.9	9.1	7.9	3.5	27.1	81.8
	1KC	9.7	4.1	1.8	10.0	49.7	8.4	4.7	3.6	4.5	2.5	14.4	76.0
	1LA1	3.2	1.9	1.2	6.3	15.5	4.9	12.1	9.0	6.5	5.4	19.7	26.0
	1LA2	2.9	2.6	2.1	2.9	19.2	4.5	4.7	4.1	3.5	2.9	5.9	24.1
	1LA3	4.3	2.8	2.1	20.2	54.6	7.9	5.4	4.3	2.8	2.4	17.8	63.8
	1LB1	4.5	2.6	1.7	8.5	25.3	6.3	12.7	11.9	7.7	5.5	25.8	46.8
	1LB2	1.4	0.1	0.0	5.8	33.6	3.0	1.7	1.2	0.2	0.0	5.3	36.5

Monthly Surface Water by Sub-basin

Year 1997 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.9	0.3	0.0	12.8	15.0	2.2	15.1	14.4	2.8	1.5	14.6	9.8
	2BB	1.4	0.5	0.0	20.6	24.2	3.5	24.3	23.2	4.5	2.4	23.5	15.7
	2BC	0.8	0.0	0.0	7.8	28.4	6.2	13.9	16.8	4.3	1.1	16.0	11.1
	2BD	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.6	0.0	0.0	38.3	34.4	3.0	58.2	51.9	5.4	3.8	68.6	74.3
	2CC	0.4	0.0	0.0	15.1	38.9	5.3	48.9	55.2	5.7	3.1	56.3	55.1
	2D	0.0	0.0	0.0	0.0	0.5	0.0	0.6	11.2	0.0	0.0	2.2	5.6
	2EA	0.0	0.0	0.0	1.3	4.5	0.8	3.4	3.4	0.6	0.3	3.1	4.2
	2EB	0.0	0.0	0.0	2.1	7.4	1.3	5.7	5.6	1.0	0.4	5.1	6.9
	2EC	0.0	0.0	0.0	0.0	3.5	1.2	3.5	5.0	1.6	0.5	3.9	8.3
	2ED	0.1	0.0	0.0	1.3	6.4	1.5	6.5	7.5	2.1	0.5	4.8	10.8
	2EE	0.0	0.0	0.0	9.2	11.8	1.0	12.5	12.4	1.6	0.2	10.1	14.7
	2EF	0.1	0.0	0.0	0.8	4.1	1.0	4.2	4.9	1.4	0.3	3.1	7.1
	2EG1	0.0	0.0	0.0	0.1	3.4	0.6	3.2	4.0	1.0	0.3	2.4	4.5
	2EG2	0.0	0.0	0.0	0.4	11.4	1.9	10.8	13.5	3.2	0.8	7.9	15.1
	2EH	0.0	0.0	0.0	6.6	3.9	0.4	6.9	7.7	0.7	0.2	5.9	6.2
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	2.7	5.4	0.4	5.1	5.5	0.6	0.1	4.0	5.0
	2FA	0.1	0.0	0.0	0.0	1.6	0.6	0.7	0.9	0.5	0.3	2.5	3.0
	2FB	0.0	0.0	0.0	0.0	0.4	0.2	0.2	0.2	0.1	0.1	0.6	0.8
	2FC	0.2	0.0	0.0	0.0	3.6	1.1	2.0	3.7	1.7	0.8	7.1	6.8
	2GA	0.1	0.0	0.0	0.4	2.2	0.4	0.5	0.6	0.3	0.2	2.6	2.8
	2GB	0.5	0.1	0.0	2.4	9.7	1.7	2.8	3.1	1.7	2.1	13.9	9.5
	2GC	0.8	0.1	0.0	6.7	12.5	2.6	3.0	3.1	1.9	4.5	19.1	9.9
	2GD	1.1	0.2	0.0	9.4	17.6	3.7	4.3	4.3	2.7	6.4	27.0	14.0
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	2H-2	0.0	0.0	0.0	1.8	4.9	0.0	0.0	0.0	0.0	0.0	1.9	24.4
	2H-3	0.0	0.0	0.0	0.0	0.7	0.9	0.1	0.0	0.0	0.0	0.1	8.8
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	1.4	0.5	0.0	12.1	62.7	10.0	10.1	9.6	3.8	1.7	27.4	61.5
	2KB	0.6	0.3	0.0	4.3	17.5	2.6	1.1	2.3	1.6	0.7	7.5	24.4
	2KC	0.0	0.0	0.0	0.0	20.9	3.2	0.8	0.0	0.0	0.0	0.0	18.6
ACA	3AA	1.3	1.2	1.2	7.0	9.8	2.4	1.4	1.3	1.2	1.4	6.7	12.6
	3AB	0.1	0.1	0.1	2.2	4.7	0.8	0.2	0.1	0.1	0.1	2.1	7.9
	3AC	0.3	0.0	0.0	2.7	6.3	1.2	0.2	0.1	0.0	0.0	5.4	12.4
	3BA	0.5	0.2	0.2	4.5	5.9	1.1	0.4	0.3	0.2	0.7	5.9	9.4
	3BB	0.4	0.3	0.3	3.6	3.8	0.8	0.4	0.4	0.3	0.7	4.3	5.7
	3BC	2.7	2.2	2.1	9.4	11.5	3.8	3.0	2.6	2.3	2.9	15.1	14.2
	3BD	1.0	0.8	0.8	5.0	4.9	1.3	1.0	0.9	0.8	0.9	7.2	6.5
	3CB	2.4	2.2	2.1	8.0	7.5	2.6	2.6	2.4	2.2	2.4	10.6	10.3
	3DA	0.5	1.4	1.4	5.3	7.3	1.0	0.7	1.5	1.6	1.2	10.1	20.6
	3DB	0.4	0.0	0.0	0.0	3.9	0.9	0.1	0.0	0.0	0.0	3.6	19.5
	3EA	0.5	0.0	0.0	2.3	5.2	1.1	0.2	0.0	0.0	0.0	7.9	22.2
	3EB	0.3	0.0	0.0	0.0	1.9	0.5	0.0	0.0	0.0	0.0	7.2	20.7
	3EC	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	6.3	19.2
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	10.3
	3FA	1.2	1.1	1.0	0.0	3.5	1.9	1.1	1.1	1.1	0.8	0.0	34.5
	3FB	0.0	0.0	0.0	0.0	3.3	0.6	0.0	0.0	0.0	0.0	0.0	46.7
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	6.5
	3HA	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	2.0	10.4
	3HB	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	7.4	9.0	17.3
	3HC	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	2.5	9.8	2.9
	3HD1	0.0	0.0	0.0	0.0	6.0	2.6	3.2	0.0	0.0	18.2	24.2	2.9
	3HD2	0.0	0.0	0.0	0.0	3.6	1.6	1.9	0.0	0.0	11.0	14.6	1.8
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.2
	3K	0.1	0.1	0.1	1.6	3.6	0.8	0.2	0.1	0.1	91.1	141.1	6.4
	3LA	0.0	0.0	0.0	0.0	7.2	0.2	0.1	0.0	0.0	131.7	95.7	3.2
	3LB	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	13.5	9.8	0.3
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	10.9
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	11.9	35.0	1.0
	3MB	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	71.9	55.0	0.3
	3MC	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	28.7	19.6	0.0
	3MD1	0.0	0.0	0.0	0.0	11.0	2.8	0.4	0.0	0.0	108.9	51.0	1.7
	3MD2	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	10.0	5.0	0.4
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1997 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.2	1.1	1.1	6.5	8.8	1.9	1.5	1.2	1.1	7.7	21.0	9.1
	4AB	2.2	1.8	1.7	8.2	12.5	3.4	2.9	2.2	1.8	7.7	24.2	10.8
	4AC	2.8	2.4	2.3	10.2	13.3	4.4	3.9	3.3	2.7	7.3	21.8	10.5
	4AD	3.0	2.5	2.4	14.9	17.0	5.0	4.8	3.8	3.0	9.9	27.6	13.2
	4BA	0.4	0.4	0.4	7.1	6.4	1.1	0.6	0.4	0.4	1.5	12.6	5.6
	4BB	1.3	1.1	1.1	13.7	11.8	2.7	2.6	1.9	1.3	6.4	18.5	9.1
	4BC	1.4	1.6	1.6	0.0	0.7	1.6	0.6	0.9	1.5	0.0	6.9	3.9
	4BD	2.5	2.1	2.1	23.7	20.4	4.8	4.5	3.4	2.4	10.4	31.3	16.2
	4BE	3.0	2.4	2.3	22.9	20.4	5.5	4.8	3.9	2.8	7.4	29.5	18.6
	4BF	2.3	2.1	2.1	10.8	6.7	2.7	2.3	2.2	2.2	2.2	11.1	10.1
	4BG	1.3	1.2	1.1	3.4	7.7	1.9	1.4	1.3	1.2	0.0	5.9	12.9
	4CA	6.1	5.4	5.2	18.0	19.3	8.3	8.3	7.7	6.2	11.0	26.4	17.9
	4CB	3.9	3.6	3.5	14.1	12.5	5.3	5.0	4.6	3.9	6.5	18.0	12.6
	4CC	3.2	2.7	2.7	12.1	13.5	4.3	3.1	2.8	2.8	2.1	16.4	26.8
	4DA	3.6	3.5	3.4	17.0	14.8	5.4	4.2	3.8	3.7	8.0	28.5	23.5
	4DB	1.3	1.0	0.9	14.3	9.0	2.0	1.3	1.1	1.0	7.9	20.1	12.4
	4DC	1.3	1.1	1.0	12.7	8.4	2.0	1.4	1.2	1.1	7.9	17.8	10.9
	4DD	0.3	0.2	0.2	1.6	2.0	0.6	0.4	0.3	0.3	0.0	3.6	6.0
	4DE	0.6	0.5	0.4	0.0	6.5	1.3	0.8	0.6	0.6	0.0	1.9	15.0
	4EA	4.5	4.1	3.9	40.8	29.4	4.8	4.3	4.0	3.9	35.4	67.9	45.4
	4EB	5.7	5.3	5.8	58.5	36.4	6.7	5.7	5.5	5.4	49.2	75.9	53.8
	4EC	4.8	4.4	4.3	18.9	12.7	5.5	4.8	4.5	4.4	11.1	28.0	22.6
	4ED	7.5	6.4	6.1	23.5	30.7	9.8	7.3	6.5	6.2	7.3	81.3	147.3
	4FA	5.5	4.4	4.7	51.6	68.8	6.8	5.0	4.5	4.3	49.2	161.2	111.6
	4FB	3.3	1.8	1.3	19.0	57.5	5.2	2.5	1.9	1.7	14.0	141.7	98.4
	4GA	3.3	2.8	2.7	3.2	44.4	7.9	4.4	3.4	3.0	0.0	202.2	179.5
	4GB	0.0	0.0	0.0	0.0	17.2	0.7	0.0	0.0	0.0	0.0	218.7	312.6
	4GC	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	36.3
	4GD	0.0	0.0	0.0	0.0	18.1	0.0	0.0	0.0	0.0	0.0	0.0	151.5
	4GE	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	95.3
	4GF	0.0	0.0	0.0	0.0	40.3	0.4	0.0	0.0	0.0	0.0	0.0	381.7
	4GG	0.0	0.0	0.0	0.0	26.6	0.0	0.0	0.0	0.0	0.0	91.2	100.9
	4HA	6.3	5.2	4.8	12.1	17.6	8.6	6.1	5.1	4.8	4.6	23.1	108.0
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	46.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	6.2
	4JA	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	185.8
	4JB	0.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	72.7
	4KA	0.0	0.0	0.0	0.0	22.7	0.0	0.0	0.0	0.0	0.0	0.0	117.2
	4KB	0.0	0.0	0.0	0.0	38.4	0.0	0.0	0.0	0.0	0.0	0.0	198.3
ENNCA	5AA	0.2	0.2	0.2	7.3	9.5	1.3	4.5	3.8	1.0	0.9	8.8	9.5
	5AB	0.1	0.1	0.1	3.1	3.9	0.3	1.6	1.3	0.3	0.3	4.2	4.6
	5AC	0.0	0.0	0.0	2.7	4.8	0.3	0.5	0.5	0.2	0.0	4.0	4.9
	5AD	0.0	0.0	0.0	0.9	3.3	0.3	0.5	0.4	0.2	0.0	2.5	5.8
	5BA	0.1	0.1	0.1	0.7	3.0	0.4	0.3	0.2	0.1	1.8	7.4	3.3
	5BB	0.3	0.2	0.2	4.0	6.7	0.6	1.0	0.7	0.4	4.1	13.1	6.8
	5BC-1	0.6	0.5	0.5	9.9	18.4	1.6	2.9	2.2	1.1	7.4	32.0	24.6
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.3	0.3	0.3	3.2	6.1	0.7	1.6	1.3	0.7	0.6	5.9	9.0
	5BE	0.4	0.2	0.1	13.0	12.5	0.7	0.8	0.5	0.2	15.2	35.0	21.6
	5CA	0.1	0.1	0.1	3.3	10.9	0.5	1.3	4.4	0.5	0.3	9.3	12.4
	5CB	0.0	0.0	0.0	0.0	2.7	0.4	0.0	0.1	0.0	0.0	1.5	16.8
	5CC	0.0	0.0	0.0	0.0	2.2	0.4	0.0	0.0	0.0	0.0	7.3	25.8
	5DA	0.9	0.3	0.1	35.6	42.2	3.6	1.4	0.6	0.3	23.8	88.5	88.7
	5DB	0.0	0.0	0.0	0.6	2.9	0.5	0.4	0.2	0.0	0.8	15.5	24.6
	5DC	0.1	0.0	0.0	0.0	1.3	0.2	0.2	0.2	0.2	0.0	1.0	4.6
	5DD	0.0	0.0	0.0	0.0	1.2	0.2	0.0	0.3	0.2	0.0	1.5	9.9
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	579.6	488.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	594.4	565.1
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	481.7	447.6
	5ED	0.0	0.0	0.0	0.0	85.6	1.8	0.0	0.0	0.0	0.0	604.4	910.9
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.0	837.3
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	147.7	233.6
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	594.4	565.1
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.4	73.4	4.4
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	74.0	4.6
	5J	0.0	0.0	0.0	0.0	0.2	1.4	0.3	0.1	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1998 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	3.4	1.4	0.6	1.3	3.5	2.1	2.2	1.9	1.9	3.3	3.1	0.6
	1AB	6.7	3.4	1.7	2.8	6.5	4.6	5.4	4.7	4.3	6.7	6.4	1.5
	1AC	1.4	0.5	0.1	0.2	1.5	1.0	1.3	0.8	0.8	1.4	1.4	0.1
	1AD	4.2	1.9	0.7	1.3	4.7	2.5	2.3	1.4	1.7	3.3	3.6	0.8
	1AE	1.6	0.8	0.4	0.6	1.8	0.9	0.5	0.3	0.4	0.8	1.2	0.4
	1AF	4.7	2.2	1.0	1.9	4.8	3.0	2.9	1.8	2.3	3.7	4.0	1.1
	1AG	4.0	1.6	0.6	1.4	4.1	2.2	2.0	1.2	1.6	3.0	3.4	0.7
	1AH	3.6	1.1	0.3	1.5	3.6	1.4	0.7	0.4	0.9	2.0	2.3	0.4
	1BA	6.9	2.2	0.7	0.6	4.5	1.6	4.4	2.4	1.3	3.0	2.4	0.7
	1BB	20.3	8.5	3.2	3.7	15.7	6.0	15.9	9.2	5.3	11.7	8.9	2.5
	1BC	6.3	4.0	2.2	1.8	6.1	3.9	6.2	5.1	3.9	6.3	5.9	1.7
	1BD	5.5	4.1	2.6	2.4	5.8	4.1	4.6	6.7	4.6	5.2	5.3	2.5
	1BE	12.6	9.7	5.8	4.4	14.2	10.2	11.8	12.4	9.4	14.4	15.1	4.0
	1BG	11.1	7.1	4.4	4.0	13.4	9.0	9.2	12.4	10.1	15.2	13.2	3.9
	1BH	8.1	4.7	2.6	3.2	9.4	6.4	6.9	8.5	7.1	10.2	9.4	2.5
	1CA	7.3	4.2	2.4	2.3	5.6	3.6	5.8	6.2	3.6	4.1	3.8	2.2
	1CB	8.3	5.1	2.3	2.1	6.4	4.0	7.3	7.9	3.9	4.7	4.2	1.9
	1CC	11.3	7.8	4.0	3.5	7.9	6.0	9.8	9.7	5.5	6.6	6.5	3.7
	1CD	20.5	12.4	6.7	6.3	19.1	12.6	20.0	21.5	12.1	14.8	12.2	6.1
	1CE	2.5	2.0	1.5	1.4	4.4	3.3	3.5	5.3	3.6	4.6	3.4	1.6
	1DA	6.1	4.1	2.9	2.9	10.2	7.6	7.4	7.8	6.8	9.6	7.0	3.0
	1DB	13.7	8.5	5.5	7.2	14.5	11.2	13.1	12.5	11.3	15.1	14.4	5.1
	1DC	5.8	3.5	2.3	2.3	6.7	5.0	5.4	4.4	4.7	5.8	6.3	2.4
	1DD	6.9	3.9	2.5	3.0	7.3	5.2	5.4	3.9	4.4	5.8	6.7	2.6
	1EA	9.9	6.4	4.9	5.2	13.9	9.9	8.9	8.1	8.3	11.4	8.6	4.8
	1EB	8.2	5.0	4.1	5.2	10.2	7.1	6.4	5.4	6.0	8.7	7.2	4.1
	1EC	4.5	3.1	2.5	2.7	5.8	4.5	4.2	3.6	4.0	5.2	4.3	2.5
	1ED	2.5	1.4	1.0	1.3	2.8	1.8	1.6	1.3	1.6	2.2	2.2	1.0
	1EE	6.1	2.1	0.7	1.4	6.4	2.6	1.0	0.9	1.8	3.1	4.1	1.0
	1EF	7.3	1.2	0.0	0.6	6.7	1.1	0.0	0.0	0.0	0.3	3.6	0.2
	1EG	9.5	3.0	1.1	2.8	9.6	4.3	2.3	1.7	2.2	4.7	4.7	1.6
	1FA	3.6	2.3	0.6	0.4	2.0	1.5	2.7	2.6	1.2	1.6	1.9	0.5
	1FB	9.5	5.8	3.1	2.7	8.8	6.5	8.7	7.5	5.7	6.5	6.3	2.5
	1FC	5.0	3.0	2.0	1.6	4.4	3.5	3.7	3.5	3.0	3.5	3.5	1.7
	1FD	10.4	5.9	3.0	2.3	6.7	5.5	7.3	6.7	4.8	5.0	6.2	2.4
	1FE	14.9	6.3	4.1	5.6	15.0	9.8	7.4	5.9	6.1	10.7	9.0	3.7
	1FF	4.5	0.8	0.1	1.2	3.7	1.9	1.0	0.4	0.3	1.6	1.6	0.1
	1FG	15.2	0.4	0.0	4.3	11.4	1.2	0.0	0.0	0.0	0.0	1.7	0.0
LVSCA	1GA	11.4	5.9	1.9	2.1	8.7	6.3	9.1	7.4	4.4	6.3	5.6	1.5
	1GB	13.4	4.1	2.2	3.6	9.0	4.3	2.6	3.4	4.2	5.7	3.4	0.7
	1GC	16.2	11.2	4.1	6.8	16.3	10.3	16.2	16.3	10.2	16.3	8.5	3.1
	1GD	10.9	3.3	1.9	5.2	6.6	5.1	2.8	3.4	3.0	6.1	2.1	1.9
	1GE	11.1	2.3	0.0	0.4	5.3	0.5	0.0	0.0	0.0	0.4	0.0	0.0
	1GF	9.0	2.0	1.6	2.5	3.6	1.5	1.4	2.2	1.6	2.1	1.4	1.8
	1GG	7.5	4.2	1.0	3.2	7.4	5.4	6.2	5.3	4.1	7.1	3.3	0.6
	1HA1	9.7	2.2	1.3	3.8	4.8	3.3	1.7	1.0	1.0	2.5	1.9	1.0
	1HA2	5.3	0.2	0.0	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	1HB1	6.9	1.1	0.2	1.2	4.6	1.7	0.6	0.1	0.0	0.1	0.4	0.0
	1HB2	4.7	0.7	0.3	1.8	2.0	1.4	0.6	0.1	0.0	0.2	0.2	0.0
	1HC	6.5	1.3	0.0	0.0	3.6	1.3	0.2	0.0	0.0	0.0	0.0	0.0
	1HD	13.7	3.2	0.6	3.9	9.1	5.6	3.0	1.0	1.4	5.0	3.5	0.4
	1HE	10.7	1.9	0.2	2.3	8.2	5.7	2.4	0.4	0.4	3.0	2.7	0.3
	1HF	17.2	3.8	0.0	0.0	2.0	3.7	0.9	0.0	0.0	0.0	0.0	0.0
	1HG	7.3	0.5	0.0	0.5	3.9	1.7	0.4	0.0	0.0	0.0	0.0	0.0
	1JA	18.1	10.3	5.1	7.5	16.8	11.4	12.4	10.7	9.7	16.6	9.8	4.4
	1JB	4.5	1.8	0.9	1.7	3.9	2.4	2.7	1.7	1.7	3.9	2.1	0.8
	1JC	8.7	4.5	2.5	4.1	7.5	5.3	5.9	4.3	4.4	8.1	4.5	2.2
	1JD	5.3	2.8	2.1	2.9	4.6	3.2	3.2	2.4	2.6	4.7	2.9	2.0
	1JE	9.9	4.4	2.4	6.8	10.2	6.0	4.4	2.7	3.3	6.7	6.3	1.8
	1JF	30.7	11.0	5.6	10.2	25.2	15.5	13.1	9.0	9.1	18.9	15.2	5.2
	1JG1	9.4	2.5	0.6	1.2	5.5	3.1	2.2	1.2	1.2	3.9	2.9	0.5
	1JG2	3.5	1.0	0.7	1.1	2.2	1.2	1.0	0.9	0.8	2.1	0.9	0.7
	1KA	7.1	1.7	0.8	3.6	6.2	4.6	2.0	0.8	1.7	2.8	2.3	0.5
	1KB	61.0	15.2	7.6	27.1	43.6	27.9	11.8	5.8	8.6	15.0	14.5	4.4
	1KC	49.8	23.2	11.9	31.5	42.2	25.3	9.7	3.8	3.3	7.1	13.4	5.2
	1LA1	24.3	12.0	4.8	9.0	21.5	12.4	10.2	8.3	7.0	14.2	9.2	3.0
	1LA2	16.7	11.4	5.2	8.4	16.6	10.1	4.5	4.0	3.1	4.4	4.6	3.1
	1LA3	46.6	36.5	13.6	20.3	36.8	18.9	5.8	3.5	3.1	2.9	2.9	2.9
	1LB1	48.7	27.4	8.5	11.9	34.0	20.2	10.3	8.2	6.9	12.5	10.6	3.7
	1LB2	33.0	53.5	19.5	32.3	73.0	39.8	6.3	1.2	0.1	0.8	2.2	0.3

Monthly Surface Water by Sub-basin

Year 1998 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	26.5	10.6	2.8	1.1	13.5	6.8	27.7	14.3	6.9	15.8	11.6	2.1
	2BB	42.6	17.0	4.5	1.8	21.7	10.9	44.5	23.0	11.1	25.4	18.7	3.4
	2BC	34.4	15.8	6.1	2.9	20.5	11.6	26.0	18.2	12.4	25.6	25.8	5.5
	2BD	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	83.4	38.3	6.8	3.6	34.4	11.8	37.2	37.6	8.7	19.3	18.8	3.1
	2CC	84.0	28.0	4.4	1.1	28.7	13.1	47.8	31.6	9.7	21.4	18.0	3.0
	2D	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	5.6	3.5	0.8	0.3	3.9	2.2	2.7	3.0	2.1	2.7	1.1	0.4
	2EB	9.3	5.8	1.4	0.5	6.5	3.7	4.5	4.9	3.4	4.4	1.9	0.6
	2EC	6.4	4.9	1.6	0.6	3.6	3.7	3.0	3.2	3.2	4.3	2.6	0.7
	2ED	9.4	8.2	2.6	1.1	5.9	4.0	10.3	12.2	8.7	8.0	5.2	1.0
	2EE	14.9	8.0	1.7	0.5	6.2	2.7	13.5	13.7	4.6	6.0	3.8	0.6
	2EF	6.2	5.4	1.7	0.7	3.9	2.6	6.8	8.0	5.7	5.2	3.4	0.7
	2EG1	4.4	2.8	0.9	0.3	2.0	1.4	2.4	3.7	2.0	2.5	1.3	0.3
	2EG2	14.6	9.4	2.9	1.1	6.8	4.7	7.9	12.3	6.8	8.3	4.3	1.1
	2EH	8.5	2.5	0.8	0.3	2.8	1.5	4.7	4.9	1.4	0.8	0.8	0.4
	2EJ	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	6.9	2.7	0.5	0.2	4.7	1.8	3.3	4.4	1.9	1.8	0.7	0.2
	2FA	3.0	2.0	0.8	0.4	4.1	2.3	1.2	0.8	0.7	1.1	1.1	0.6
	2FB	0.8	0.5	0.2	0.1	1.1	0.6	0.3	0.2	0.2	0.3	0.3	0.2
	2FC	8.6	6.1	2.0	1.0	7.3	4.7	2.0	1.3	1.7	3.0	2.2	0.7
	2GA	5.7	4.1	1.5	0.7	5.4	3.6	1.6	0.8	0.7	0.9	0.8	0.3
	2GB	17.3	10.0	2.9	3.6	20.9	9.5	4.7	2.7	3.1	4.2	3.6	1.6
	2GC	16.5	12.0	3.6	9.5	19.4	10.4	3.6	1.5	1.5	2.8	3.4	2.1
	2GD	23.3	16.9	5.0	13.5	27.3	14.7	5.0	2.1	2.0	4.0	4.7	3.0
	2H-1	2.7	1.6	0.2	0.4	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0
	2H-2	34.8	34.3	12.2	12.4	32.1	15.7	4.4	2.1	0.6	0.0	0.0	0.0
	2H-3	15.0	12.7	4.9	5.0	9.5	4.8	0.9	0.2	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	66.8	57.4	14.6	14.1	40.1	25.2	6.5	2.8	2.0	2.9	2.1	0.5
	2KB	24.5	22.1	9.0	7.3	13.4	8.6	1.6	0.6	0.8	1.1	0.8	0.3
	2KC	33.4	32.9	10.0	10.6	19.4	13.1	4.6	1.8	0.0	0.0	0.0	0.0
ACA	3AA	12.7	13.0	6.4	6.1	12.9	7.4	2.7	2.0	1.5	1.4	1.4	1.4
	3AB	16.8	16.0	6.0	5.9	10.5	5.8	1.0	0.3	0.1	0.1	0.1	0.1
	3AC	13.5	10.1	3.6	5.1	8.9	4.3	1.1	0.4	0.1	0.1	0.1	0.1
	3BA	8.2	7.9	3.3	4.5	8.8	4.3	1.2	0.7	0.4	0.4	0.4	0.5
	3BB	5.0	5.2	2.4	3.0	6.0	2.9	0.9	0.6	0.4	0.4	0.5	0.5
	3BC	13.8	14.8	6.6	10.2	18.4	10.2	4.3	3.2	2.7	2.6	2.7	2.8
	3BD	6.5	6.3	2.7	4.4	7.7	3.6	1.4	1.1	0.9	0.9	0.9	0.9
	3CB	10.7	9.9	4.2	7.1	11.3	5.9	2.8	2.8	2.5	2.5	2.5	2.5
	3DA	22.7	10.1	2.2	5.9	7.8	2.6	0.4	0.9	1.5	1.5	1.5	1.5
	3DB	19.9	6.5	1.3	1.9	3.1	1.7	0.4	0.2	0.0	0.0	0.0	0.0
	3EA	29.2	14.8	3.6	5.7	9.1	2.3	0.6	0.1	0.0	0.0	0.0	0.0
	3EB	26.6	11.3	2.6	4.7	7.7	1.5	0.2	0.0	0.0	0.0	0.0	0.0
	3EC	23.5	9.2	2.1	5.1	7.5	1.3	0.1	0.0	0.0	0.0	0.0	0.0
	3ED	12.0	3.5	0.8	1.0	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	144.7	38.9	5.1	14.1	22.2	6.3	1.6	1.2	1.2	1.1	1.1	1.1
	3FB	96.8	40.9	4.1	5.5	3.9	4.1	0.3	0.0	0.0	0.0	0.0	0.0
	3G	55.1	32.3	2.3	6.4	7.6	2.4	0.2	0.0	0.0	0.0	0.0	0.0
	3HA	7.8	7.9	0.9	1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	6.6	10.6	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.1	0.2	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.1	0.1	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	3J	9.0	11.6	0.0	2.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	9.9	9.1	2.1	2.1	13.1	2.9	0.7	0.3	0.2	0.1	0.2	0.2
	3LA	2.8	1.0	0.0	0.0	4.0	0.9	0.1	0.1	0.0	0.0	0.0	0.0
	3LB	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	5.7	6.0	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	1.1	2.4	0.1	0.1	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.8	0.0	0.0	0.0	3.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	2.6	0.7	0.3	0.1	0.0	0.0	0.0	0.0
	3MD1	2.3	0.3	0.0	1.1	10.6	0.8	0.1	0.1	0.0	0.0	0.0	0.0
	3MD2	0.4	0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1998 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	10.5	5.8	2.8	7.1	11.5	2.8	1.5	1.3	1.2	1.2	1.2	1.5
	4AB	13.5	10.1	3.9	8.3	16.7	5.9	3.0	2.2	2.0	1.9	2.0	2.1
	4AC	12.8	11.0	5.0	8.8	16.1	7.6	4.0	3.1	2.9	3.1	3.5	3.3
	4AD	16.5	14.3	5.8	13.1	20.1	9.1	4.3	3.2	3.1	3.4	4.3	4.2
	4BA	5.3	3.5	1.4	4.2	8.2	2.3	0.8	0.5	0.4	0.4	0.4	0.4
	4BB	10.7	9.7	3.2	10.0	13.6	5.6	1.9	1.5	1.4	1.4	3.2	2.2
	4BC	2.2	0.0	2.3	1.3	9.2	1.9	2.0	1.7	1.7	1.5	0.0	0.8
	4BD	18.8	16.5	5.7	16.9	23.7	10.0	3.5	2.8	2.6	2.7	5.5	3.9
	4BE	20.4	17.8	6.6	17.0	24.1	11.3	4.4	3.3	3.0	3.2	5.0	4.3
	4BF	10.1	7.0	3.7	7.1	10.5	5.2	2.9	2.6	2.5	2.5	2.4	2.4
	4BG	12.4	5.6	2.2	4.5	8.7	4.1	2.0	1.5	1.3	1.3	1.0	1.4
	4CA	20.9	20.9	10.4	18.6	23.6	14.4	8.5	7.4	7.3	7.5	9.2	8.5
	4CB	13.6	14.0	7.0	12.5	16.2	9.3	5.6	4.9	4.8	4.8	5.7	5.1
	4CC	27.6	14.9	6.7	12.0	17.3	8.5	4.3	3.4	3.0	3.1	2.8	3.1
	4DA	25.2	12.6	7.5	15.6	29.2	10.3	6.1	5.1	4.7	4.5	4.5	4.8
	4DB	13.1	7.3	4.4	9.7	17.0	5.3	2.8	2.2	2.0	1.8	2.7	2.7
	4DC	11.6	6.8	4.3	9.2	15.5	5.0	2.8	2.3	2.1	1.9	2.8	2.8
	4DD	4.9	2.5	1.0	1.9	4.3	1.4	0.7	0.4	0.3	0.3	0.2	0.3
	4DE	12.0	5.6	1.6	2.8	6.5	3.1	1.4	0.8	0.5	0.5	0.2	0.7
	4EA	51.7	20.5	11.2	29.1	41.1	9.8	4.9	4.5	4.3	4.2	16.0	6.8
	4EB	58.5	28.1	15.3	42.8	56.5	15.3	7.7	7.0	6.8	6.6	19.1	10.0
	4EC	22.1	13.3	7.9	16.8	24.0	9.1	6.4	5.7	5.4	5.3	5.6	6.1
	4ED	159.6	67.7	21.8	64.4	92.0	23.2	11.3	8.2	7.0	6.6	8.8	8.2
	4FA	126.3	41.4	17.6	46.3	86.1	14.9	7.1	5.8	5.3	5.1	22.8	10.4
	4FB	86.8	24.3	7.5	25.1	45.1	8.2	3.5	2.0	1.7	1.5	7.7	6.5
	4GA	76.4	20.0	8.3	8.5	24.0	8.7	5.0	3.7	3.2	3.0	2.2	3.7
	4GB	78.8	20.2	3.9	0.5	10.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0
	4GC	22.8	7.1	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	102.9	14.3	0.0	0.0	1.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GE	144.4	13.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	765.4	124.9	15.2	9.8	25.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0
	4GG	76.0	24.0	6.8	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	309.2	58.6	17.9	15.7	18.6	10.9	6.9	5.5	5.0	4.8	4.8	5.6
	4HB	313.5	91.8	25.0	8.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	6.0	15.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	121.7	26.7	0.0	0.0	0.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	47.6	10.4	0.0	0.0	0.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	76.7	16.8	0.0	0.0	0.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	129.9	28.5	0.0	0.0	0.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	14.7	6.6	1.5	0.6	14.3	4.6	4.4	4.7	3.8	5.3	2.3	0.9
	5AB	7.2	1.9	0.3	0.1	7.4	1.8	1.7	1.6	1.2	2.0	0.8	0.3
	5AC	6.3	1.3	0.3	0.1	7.5	1.2	0.5	0.6	0.7	0.6	0.3	0.2
	5AD	7.0	1.4	0.2	0.1	5.0	1.6	0.7	0.8	0.5	0.4	0.3	0.1
	5BA	4.3	2.1	0.6	1.1	4.6	1.1	0.4	0.3	0.2	0.2	0.2	0.2
	5BB	10.2	4.0	0.9	2.1	11.5	2.9	1.1	0.9	0.6	0.7	1.0	0.6
	5BC-1	34.9	9.1	1.9	2.3	30.2	6.4	3.8	4.3	3.3	2.9	2.3	1.4
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	11.6	2.9	0.7	0.5	10.0	2.9	2.0	2.0	1.6	2.0	1.2	0.6
	5BE	35.9	9.7	1.9	7.4	17.8	3.8	1.8	2.3	1.8	0.8	4.6	1.7
	5CA	8.9	2.2	0.3	0.2	8.2	2.5	0.7	2.5	1.8	0.4	0.2	0.2
	5CB	11.4	2.9	0.4	0.0	0.8	1.0	0.2	0.0	0.3	0.0	0.0	0.0
	5CC	10.6	2.1	0.3	0.0	0.8	0.7	0.1	0.0	0.1	0.0	0.0	0.0
	5DA	102.1	23.9	6.8	15.1	32.8	5.8	1.8	1.2	1.0	0.4	6.6	2.5
	5DB	32.5	6.3	1.2	1.9	7.2	2.2	0.9	0.8	0.4	0.2	0.2	0.2
	5DC	5.5	1.6	0.4	0.2	3.2	1.6	0.5	0.6	0.5	0.3	0.3	0.4
	5DD	11.3	3.0	0.5	0.1	1.9	0.9	0.1	0.2	0.5	0.4	0.2	0.3
	5EA	12.3	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	26.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	94.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	282.3	85.9	34.9	21.5	43.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	300.2	69.8	30.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	37.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	26.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	30.3	76.2	21.0	9.3	4.2	2.2	1.6	1.0	0.5

Monthly Surface Water by Sub-basin

Year 1999 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.5	3.6	4.3	1.7	1.4	2.1	2.1	5.0	1.6	1.0
	1AB	0.9	0.8	1.1	5.9	7.5	3.8	3.3	4.1	3.4	8.9	3.4	1.6
	1AC	0.0	0.0	0.0	1.6	1.9	0.8	0.6	0.8	0.8	2.4	0.7	0.1
	1AD	0.4	0.4	0.6	4.7	5.7	2.5	1.8	2.1	3.4	6.8	2.4	1.9
	1AE	0.3	0.2	0.3	1.8	2.1	0.9	0.6	0.8	1.4	3.0	0.9	1.4
	1AF	0.8	0.7	1.0	5.1	5.9	2.8	1.9	2.5	3.4	6.9	2.8	1.9
	1AG	0.4	0.3	0.5	3.8	4.9	2.2	1.3	1.5	2.6	5.2	2.2	1.4
	1AH	0.2	0.2	0.2	3.6	4.7	1.5	0.9	1.3	2.8	5.4	1.8	2.5
	1BA	0.3	0.2	0.3	1.0	4.6	1.2	1.7	1.5	1.4	4.3	2.2	1.3
	1BB	1.6	1.5	1.8	3.0	13.1	4.9	7.0	5.4	4.4	15.2	7.9	4.2
	1BC	0.8	0.6	0.6	0.6	2.3	2.5	3.2	2.9	2.3	5.6	3.8	1.6
	1BD	1.8	1.6	1.6	1.6	4.1	3.2	3.3	3.7	3.2	4.5	3.7	2.3
	1BE	1.2	0.7	0.6	0.4	3.6	5.2	6.9	6.7	5.1	11.3	9.2	3.2
	1BG	2.2	1.9	1.9	2.1	9.4	7.2	7.4	7.6	6.2	12.1	6.5	3.3
	1BH	1.4	1.2	1.2	3.4	8.6	5.5	5.2	5.6	4.5	9.6	4.6	2.1
	1CA	1.8	1.7	1.8	2.3	4.7	2.6	2.9	3.5	3.0	4.6	3.6	2.9
	1CB	1.4	1.3	1.6	2.4	5.0	2.5	3.3	4.6	3.5	6.0	3.8	3.3
	1CC	3.1	3.0	3.3	4.6	6.5	4.2	6.7	8.3	5.8	9.1	5.8	5.6
	1CD	4.8	4.5	5.1	8.8	15.9	9.1	11.0	15.0	11.1	17.6	10.6	8.2
	1CE	1.3	1.3	1.3	1.9	4.2	2.9	2.9	3.8	3.2	4.4	2.4	1.5
	1DA	2.4	2.3	3.2	7.7	10.0	6.6	5.7	7.9	7.1	10.5	5.0	2.8
	1DB	3.9	3.6	4.1	11.3	16.3	10.0	9.0	10.2	8.7	17.3	8.7	4.8
	1DC	1.8	1.6	2.0	5.4	7.7	4.5	3.7	4.3	4.7	7.2	4.7	2.2
	1DD	2.1	1.9	2.4	6.1	8.6	4.9	3.7	4.0	5.1	8.0	5.2	2.9
	1EA	4.2	4.1	4.8	10.0	11.5	8.8	8.1	11.5	10.1	12.4	6.6	4.9
	1EB	3.7	3.6	3.9	7.5	8.8	6.4	5.6	6.2	7.4	8.8	5.5	4.1
	1EC	2.3	2.2	2.4	4.8	5.5	4.0	3.7	4.1	4.5	5.7	3.4	2.5
	1ED	0.9	0.8	0.9	1.9	3.0	1.7	1.4	1.3	2.0	2.6	1.7	1.3
	1EE	0.4	0.7	0.4	1.4	8.5	2.9	1.3	1.0	3.8	4.8	4.1	3.2
	1EF	0.0	0.0	0.0	0.1	10.4	1.5	0.3	0.0	3.7	5.7	4.3	3.9
	1EG	1.0	0.8	0.9	3.2	9.9	4.3	2.3	2.1	5.0	6.4	4.5	4.3
	1FA	0.2	0.2	0.3	0.9	1.3	0.8	2.0	3.0	1.6	2.9	1.4	1.5
	1FB	1.9	1.7	2.5	5.2	7.2	4.9	7.5	11.0	6.9	9.9	5.0	4.0
	1FC	1.2	1.2	1.3	2.8	4.1	2.7	4.0	6.1	4.4	4.9	3.1	2.2
	1FD	1.7	1.6	2.1	4.1	5.9	4.3	7.3	10.9	6.8	9.3	5.3	4.7
	1FE	2.7	2.5	2.9	9.7	13.9	7.6	8.1	11.8	11.4	11.8	6.8	4.9
	1FF	0.0	0.0	0.0	2.2	3.5	1.4	0.9	1.6	2.2	2.3	1.0	0.8
	1FG	0.0	0.0	0.0	3.5	14.6	1.5	0.0	0.0	5.8	7.6	4.1	6.5
LVSCA	1GA	0.9	0.7	2.1	6.1	6.8	3.4	6.2	9.0	5.7	8.4	4.1	4.1
	1GB	0.4	0.3	0.6	3.8	8.3	4.2	5.4	10.6	6.7	9.0	3.1	4.2
	1GC	2.3	2.1	3.4	8.8	11.6	5.6	6.3	13.6	8.6	12.0	7.2	4.7
	1GD	2.0	2.0	3.1	6.6	7.5	3.5	2.6	5.1	3.6	5.3	2.0	3.6
	1GE	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.6	0.2	0.3	0.0	0.1
	1GF	2.1	1.7	2.6	1.9	1.7	1.6	1.8	3.5	2.1	3.2	1.3	2.7
	1GG	0.4	0.3	1.9	6.5	7.0	2.5	3.1	5.6	3.7	5.8	2.4	2.1
	1HA1	0.9	1.0	0.9	4.1	3.8	2.1	2.4	6.5	3.7	3.7	1.8	2.6
	1HA2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.3
	1HB1	0.0	0.0	0.0	1.4	4.9	1.6	0.5	0.6	1.2	2.0	1.5	2.1
	1HB2	0.0	0.0	0.1	2.8	2.6	0.9	0.5	1.3	1.3	1.3	0.6	1.1
	1HC	0.0	0.0	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.6	1.2	2.1
	1HD	0.0	0.0	0.0	6.6	6.8	4.2	2.1	4.0	4.2	9.2	3.5	4.7
	1HE	0.0	0.0	0.0	4.4	8.5	3.7	1.5	2.0	2.3	7.3	3.8	4.4
	1HF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HG	0.0	0.0	0.0	0.5	4.6	1.0	0.1	0.0	0.0	0.0	0.2	1.8
	1JA	3.6	3.3	4.9	13.2	12.5	6.9	5.9	9.6	8.9	10.1	7.7	7.4
	1JB	0.6	0.6	1.4	3.9	3.6	1.8	1.2	1.7	1.9	2.5	1.5	1.5
	1JC	1.9	1.8	2.7	6.7	7.5	3.9	3.1	4.7	4.1	5.8	3.6	3.1
	1JD	1.8	1.8	2.0	4.1	4.2	2.8	2.3	3.1	3.0	4.0	2.5	2.6
	1JE	1.8	1.4	5.0	10.2	4.1	2.9	2.2	3.6	4.3	5.7	3.4	4.6
	1JF	4.1	3.8	6.0	16.7	11.7	7.4	6.3	9.2	10.5	12.9	8.3	10.2
	1JG1	1.0	1.0	1.0	3.3	2.8	1.8	1.0	1.7	2.3	3.8	1.4	1.7
	1JG2	0.8	1.1	1.2	1.8	1.2	0.6	0.6	1.3	0.8	1.2	0.6	1.0
	1KA	0.2	0.1	1.2	5.5	5.6	2.9	1.3	1.9	1.7	5.7	2.8	2.8
	1KB	3.3	2.2	13.5	37.5	31.0	15.7	7.5	10.5	10.1	24.0	16.0	17.5
	1KC	3.9	2.5	23.1	39.7	19.5	11.9	6.5	5.8	6.3	15.8	18.5	17.1
	1LA1	2.5	1.8	3.9	15.7	8.2	3.8	3.1	6.9	7.1	5.8	5.5	7.7
	1LA2	2.5	2.5	7.7	16.3	5.2	3.2	2.4	2.9	3.9	5.6	6.5	7.4
	1LA3	2.5	2.5	22.3	42.3	10.9	3.7	1.9	2.2	2.1	1.4	1.6	2.8
	1LB1	3.0	2.4	7.6	22.0	8.4	4.2	3.1	4.9	7.5	5.7	5.7	10.6
	1LB2	0.0	0.0	15.3	31.7	7.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1999 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.0	0.3	0.0	0.0	4.4	6.1	10.0	4.8	3.5	23.8	14.0	3.4
	2BB	1.6	0.5	0.0	0.0	7.0	9.7	16.1	7.7	5.6	38.3	22.5	5.5
	2BC	1.4	0.2	0.0	0.0	6.2	11.6	15.8	10.1	6.8	27.7	18.5	5.4
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	1.4	0.3	0.0	0.6	12.3	1.5	4.8	7.7	7.9	20.5	9.5	12.1
	2CC	0.2	0.0	0.0	0.0	12.1	4.4	8.0	5.9	6.7	33.2	19.2	7.3
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.8	0.3	0.2	0.1
	2EB	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.4	0.3	0.2
	2EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
	2ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.9	2.5	2.7	1.4
	2EE	0.0	0.0	0.0	0.0	0.0	0.0	1.4	4.5	3.1	2.6	2.7	1.2
	2EF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.9	1.6	1.8	0.9
	2EG1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.6	0.3
	2EG2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.4	1.3	1.9	1.1
	2EH	0.1	0.0	0.0	0.2	1.1	0.3	0.2	0.4	0.8	0.4	0.4	0.2
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FA	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2
	2FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FC	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2GA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.1	0.1	0.2
	2GB	0.5	0.1	0.0	0.0	0.3	0.4	0.6	2.2	3.3	1.2	1.1	2.0
	2GC	0.5	0.1	0.0	0.0	1.8	1.6	1.5	2.4	4.0	1.7	2.4	6.7
	2GD	0.8	0.1	0.0	0.0	2.5	2.3	2.2	3.3	5.6	2.4	3.4	9.5
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.1	0.1	3.9	30.9	9.8	2.1	0.5	1.0	1.7	1.0	1.2	2.6
	2KB	0.0	0.1	1.5	7.0	1.8	0.7	0.2	0.4	0.7	0.4	0.5	1.4
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.4	1.4	1.7	3.5	2.7	1.6	1.4	1.3	1.4	1.3	1.8	8.5
	3AB	0.1	0.1	0.1	0.6	0.5	0.2	0.1	0.1	0.1	0.1	0.1	2.6
	3AC	0.1	0.1	0.1	1.4	1.6	0.3	0.1	0.1	0.1	0.1	0.2	6.3
	3BA	0.4	0.3	0.8	2.0	1.8	0.6	0.3	0.3	0.4	0.3	1.0	6.5
	3BB	0.4	0.4	0.8	1.6	1.3	0.5	0.4	0.4	0.4	0.4	1.1	4.4
	3BC	2.5	2.4	2.4	4.3	6.2	3.3	2.6	2.4	2.4	2.3	3.3	13.1
	3BD	0.8	0.8	0.9	2.0	2.5	1.2	0.9	0.8	0.8	0.8	1.4	5.9
	3CB	2.5	2.4	2.5	2.8	4.1	2.9	2.5	2.4	2.4	2.4	2.6	8.6
	3DA	1.5	1.6	1.1	2.2	1.5	0.6	1.5	1.5	1.6	1.5	1.0	9.1
	3DB	0.0	0.0	0.0	0.0	0.7	0.1	0.1	0.0	0.0	0.0	1.9	12.0
	3EA	0.0	0.0	0.0	1.4	1.2	0.2	0.0	0.0	0.0	0.0	0.4	11.1
	3EB	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.1	13.2
	3EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	12.6
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	5.1
	3FA	1.1	1.1	0.9	0.8	1.4	1.3	1.0	1.1	1.2	1.0	15.3	27.1
	3FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	25.8
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.1	0.3	0.6	0.4	1.4	0.1	0.1	0.1	0.1	0.4	2.0
	3LA	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	1.1	3.4	0.3	0.1	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 1999 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.3	1.2	1.2	1.6	7.4	1.8	1.2	1.2	1.1	1.1	1.7	7.4
	4AB	1.9	1.9	1.8	1.8	5.8	2.9	2.1	1.9	1.8	1.8	1.8	5.1
	4AC	2.8	2.6	2.5	2.6	6.8	3.8	3.0	2.8	3.2	2.7	3.3	7.0
	4AD	3.0	2.6	2.6	2.7	10.2	4.2	3.2	3.0	3.6	2.9	4.1	11.3
	4BA	0.4	0.4	0.4	0.4	2.8	0.9	0.5	0.4	0.4	0.4	0.8	4.7
	4BB	1.4	1.2	1.2	2.5	8.7	1.9	1.4	1.2	1.3	1.2	4.8	9.3
	4BC	1.5	1.6	1.7	0.4	0.0	2.2	1.7	1.7	1.6	1.6	0.0	1.2
	4BD	2.7	2.4	2.3	4.4	14.6	3.4	2.5	2.3	2.4	2.3	8.0	16.4
	4BE	3.0	2.7	2.6	4.8	13.9	4.4	2.9	2.7	3.2	2.7	8.4	17.7
	4BF	2.4	2.4	2.4	3.8	4.3	2.6	2.4	2.4	2.3	2.3	3.5	8.4
	4BG	1.2	1.2	1.1	0.8	1.7	1.7	1.3	1.2	1.1	1.1	0.0	5.7
	4CA	6.9	6.3	6.2	8.9	14.6	7.7	6.7	6.6	7.1	6.3	11.2	18.1
	4CB	4.5	4.3	4.2	6.5	9.9	5.1	4.4	4.3	4.4	4.1	7.4	12.8
	4CC	3.0	3.0	3.0	4.6	5.8	3.5	3.0	2.9	3.0	2.9	2.0	13.8
	4DA	4.4	4.1	4.1	5.2	10.6	5.1	4.2	4.0	3.9	3.8	5.0	16.7
	4DB	1.9	1.7	1.7	3.8	6.3	2.2	1.6	1.4	1.4	1.3	4.9	13.7
	4DC	2.0	1.7	1.7	3.9	6.2	2.3	1.7	1.5	1.4	1.4	4.9	12.4
	4DD	0.3	0.3	0.2	0.1	0.6	0.5	0.3	0.3	0.3	0.3	0.0	2.0
	4DE	0.5	0.5	0.4	0.0	0.8	1.0	0.6	0.4	0.5	0.4	0.0	3.0
	4EA	4.9	4.3	8.4	12.3	14.0	4.8	4.3	4.1	4.0	4.0	26.7	41.5
	4EB	7.0	6.3	10.9	16.8	21.0	7.0	6.3	6.1	6.0	6.1	34.6	52.1
	4EC	5.4	5.1	5.1	6.5	8.9	5.8	5.1	4.9	4.8	4.7	8.7	19.2
	4ED	6.8	6.4	6.3	7.0	10.1	7.9	6.6	6.3	6.2	6.2	8.6	47.7
	4FA	6.6	5.1	9.7	17.2	20.2	6.4	5.2	4.9	4.7	4.9	35.3	85.8
	4FB	3.0	1.9	0.9	3.9	10.9	3.9	1.9	1.6	1.5	1.5	15.5	64.8
	4GA	3.0	2.9	2.2	1.7	4.0	3.4	2.9	2.8	2.8	2.8	5.5	46.6
	4GB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1
	4GC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
	4GD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
	4GE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	4GF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.5
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
	4HA	5.0	4.8	4.8	6.3	7.3	5.3	4.9	4.7	4.7	4.6	27.3	76.7
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7
	4JB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
	4KA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
	4KB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
ENNCA	5AA	0.3	0.2	0.4	0.9	1.1	0.3	1.7	2.8	1.8	0.5	0.4	0.5
	5AB	0.1	0.1	0.1	0.4	0.6	0.1	0.6	1.1	0.5	0.1	0.1	0.1
	5AC	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.3	0.2	0.0	0.0	0.0
	5AD	0.1	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
	5BA	0.1	0.1	0.1	0.1	1.4	0.3	0.1	0.1	0.1	0.1	0.1	0.6
	5BB	0.3	0.2	0.2	0.3	2.9	0.5	0.2	0.2	0.2	0.2	0.2	1.4
	5BC-1	0.6	0.6	0.6	1.4	6.1	1.1	0.9	1.3	1.0	0.6	0.6	3.0
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.4	0.4	0.8	1.0	0.4	0.7	1.0	0.8	0.4	0.4	0.5
	5BE	0.3	0.2	0.7	3.3	5.9	0.5	0.2	0.2	0.2	0.2	4.0	9.6
	5CA	0.1	0.1	0.2	0.2	0.7	0.2	0.2	0.2	0.2	0.1	0.1	0.1
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	0.7	0.3	4.0	5.6	5.5	0.8	0.1	0.2	0.2	0.0	13.0	28.0
	5DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.1	0.0	0.0	0.0	0.6	0.2	0.0	0.2	0.2	0.0	0.0	0.5
	5DD	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.2	0.2	0.0	0.0	0.3
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.3	0.1	0.1	0.0	0.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2000 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.3	0.3	0.3	1.0	1.2	1.1	1.4	1.2	2.1	1.8	1.0
	1AB	1.0	0.8	0.7	0.7	2.2	2.8	2.8	3.3	3.0	4.7	3.1	1.9
	1AC	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.3	0.6	0.5	0.2
	1AD	0.8	0.4	0.3	0.3	0.9	1.2	0.9	1.0	1.1	1.6	2.5	1.9
	1AE	0.5	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.6	1.4	1.0
	1AF	1.0	0.7	0.6	0.6	1.1	1.3	1.2	1.4	1.2	1.9	2.4	2.0
	1AG	0.6	0.3	0.2	0.2	0.6	0.8	0.8	0.9	0.8	1.4	1.6	1.5
	1AH	0.5	0.2	0.1	0.1	0.2	0.4	0.3	0.5	0.5	1.3	2.7	1.7
	1BA	0.4	0.3	0.2	0.2	1.3	1.4	2.8	3.4	1.9	3.6	2.0	1.1
	1BB	1.8	1.5	1.5	1.5	6.5	4.7	9.6	11.5	7.8	13.1	6.6	3.4
	1BC	0.8	0.6	0.6	0.6	1.6	1.7	2.9	5.1	4.9	6.5	3.3	1.6
	1BD	1.7	1.6	1.6	1.6	1.7	2.2	3.3	4.3	4.8	4.8	3.4	2.2
	1BE	1.1	0.7	0.6	0.6	1.3	2.9	5.3	10.0	11.3	14.1	7.7	3.1
	1BG	2.1	1.9	1.9	1.9	3.0	5.7	7.5	10.6	9.4	13.6	6.6	3.6
	1BH	1.3	1.2	1.1	1.1	2.4	4.0	5.1	6.4	6.1	8.5	4.6	2.4
	1CA	1.9	1.7	1.6	1.6	1.7	1.9	2.5	3.9	3.8	3.4	2.8	2.0
	1CB	1.6	1.3	1.3	1.3	1.6	1.8	2.9	4.8	4.5	3.7	2.8	1.7
	1CC	3.4	3.0	2.9	2.9	3.4	4.0	6.7	7.5	6.4	6.6	4.7	3.5
	1CD	5.2	4.5	4.4	4.4	6.9	7.6	10.4	14.6	13.1	12.3	8.6	6.0
	1CE	1.3	1.3	1.2	1.2	2.1	2.7	3.3	3.8	3.4	3.8	2.3	1.7
	1DA	2.4	2.3	2.3	2.3	5.6	5.4	5.7	5.8	5.7	6.6	4.5	3.6
	1DB	3.8	3.6	3.5	3.5	6.7	7.7	8.4	9.5	8.4	11.6	7.5	5.3
	1DC	1.8	1.6	1.6	1.6	2.1	3.0	3.1	2.9	3.3	3.7	3.2	2.7
	1DD	2.1	1.9	1.8	1.8	2.4	2.8	2.9	2.8	3.1	3.5	3.4	3.2
	1EA	4.3	4.1	4.0	4.0	7.5	7.5	8.3	8.7	7.9	9.1	6.4	6.3
	1EB	3.7	3.6	3.5	3.5	4.5	5.0	5.5	5.6	5.4	6.1	4.9	5.0
	1EC	2.3	2.2	2.2	2.2	3.1	3.4	3.4	3.5	3.3	3.8	3.1	2.9
	1ED	0.9	0.8	0.8	0.8	1.0	1.1	1.2	1.3	1.3	1.5	1.4	1.4
	1EE	0.9	0.6	0.5	0.6	0.2	0.5	0.5	0.4	1.3	1.8	2.6	3.2
	1EF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.5	2.7
	1EG	1.7	0.8	0.8	0.8	1.1	1.2	1.5	1.9	2.0	3.0	2.9	4.5
	1FA	0.3	0.2	0.2	0.2	0.2	0.5	2.1	2.2	1.6	2.1	1.0	0.4
	1FB	2.1	1.8	1.7	1.7	3.9	5.1	7.4	7.3	6.5	6.9	4.4	3.1
	1FC	1.4	1.2	1.2	1.2	1.9	2.9	3.9	4.0	3.5	3.8	2.8	2.2
	1FD	2.0	1.6	1.6	1.5	2.9	4.4	7.9	7.3	5.7	7.0	4.6	3.1
	1FE	3.2	2.5	2.4	2.4	4.6	6.3	7.5	7.9	7.3	8.6	6.6	7.5
	1FF	0.1	0.0	0.0	0.0	0.0	0.4	0.8	0.8	0.7	1.2	1.0	2.1
	1FG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	4.6
LVSCA	1GA	1.2	0.8	0.7	0.7	2.3	3.9	8.4	7.7	4.2	7.3	4.9	2.6
	1GB	0.8	0.4	0.3	0.3	1.0	1.9	6.8	6.3	3.0	6.5	6.4	2.8
	1GC	2.5	2.1	1.9	2.0	4.9	5.4	8.7	13.0	7.1	9.3	11.1	8.7
	1GD	1.7	1.9	1.9	2.0	2.4	2.9	4.3	4.8	1.7	3.7	6.6	3.5
	1GE	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.1	0.4	0.2
	1GF	1.6	1.8	1.5	1.5	3.6	1.3	1.6	1.4	1.1	1.4	4.4	4.5
	1GG	0.6	0.3	0.3	0.3	2.8	3.1	5.5	5.8	2.4	4.7	5.1	3.0
	1HA1	1.0	0.9	0.9	0.9	2.5	1.8	2.3	2.2	1.9	2.4	2.9	4.4
	1HA2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6
	1HB1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	2.7
	1HB2	0.3	0.1	0.0	0.0	0.7	0.5	0.4	0.2	0.2	0.3	0.8	2.3
	1HC	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HD	1.1	0.0	0.0	2.3	10.2	3.4	3.4	2.5	2.6	3.4	7.4	8.7
	1HE	0.8	0.0	0.0	0.0	9.3	2.7	2.4	1.0	1.1	3.0	5.5	7.0
	1HF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HG	0.3	0.0	0.0	0.0	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.7
	1JA	4.2	3.1	3.0	3.9	6.6	6.3	7.9	11.2	7.4	7.2	12.7	12.9
	1JB	0.7	0.5	0.5	0.8	2.2	1.7	2.0	2.5	1.6	1.7	2.9	3.3
	1JC	1.9	1.8	1.7	1.8	4.2	4.0	4.6	5.6	3.6	4.5	5.5	5.8
	1JD	1.9	1.8	1.7	2.1	3.8	2.7	3.1	3.5	2.5	3.0	3.7	3.8
	1JE	2.1	1.0	1.1	4.2	5.3	3.1	3.8	4.0	3.1	2.8	8.4	8.3
	1JF	5.3	3.6	4.0	8.3	9.3	7.4	9.4	11.5	8.2	6.8	16.2	16.9
	1JG1	0.5	1.1	0.8	1.1	4.2	1.5	1.9	2.0	1.8	1.6	3.2	4.5
	1JG2	0.6	1.4	0.9	0.6	2.0	0.7	0.7	0.8	0.7	0.7	2.0	2.7
	1KA	0.8	0.1	0.1	2.8	6.7	2.3	2.5	1.2	1.7	2.1	3.9	4.1
	1KB	6.5	2.2	1.8	14.7	33.4	12.0	15.4	9.4	9.2	10.4	21.1	24.5
	1KC	7.9	2.9	2.1	8.5	30.8	13.0	16.1	10.3	6.9	7.2	18.2	26.9
	1LA1	3.4	1.7	1.4	2.2	4.1	3.3	4.1	7.2	4.7	3.8	12.7	14.1
	1LA2	4.4	2.5	2.4	5.4	10.4	6.0	6.6	5.0	4.6	3.7	8.7	14.5
	1LA3	3.2	2.1	2.2	1.7	2.4	2.0	1.8	1.6	1.5	1.3	2.5	8.5
	1LB1	5.1	2.4	2.0	3.2	4.8	3.3	3.3	4.6	5.0	3.4	13.9	18.5
	1LB2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0

Monthly Surface Water by Sub-basin

Year 2000 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.2	0.5	0.1	0.0	5.7	2.2	10.9	17.7	14.7	23.5	10.6	3.2
	2BB	1.9	0.8	0.1	0.0	9.1	3.6	17.5	28.5	23.6	37.8	17.1	5.2
	2BC	1.4	0.2	0.0	0.0	0.4	4.4	9.1	17.5	17.5	28.6	12.3	4.8
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	1.7	0.5	0.0	0.0	0.0	0.0	0.0	3.4	3.6	3.6	3.8	2.2
	2CC	1.1	0.0	0.0	0.0	0.0	0.0	6.0	32.8	18.5	33.5	19.4	5.4
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.3	0.3
	2EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.5
	2EC	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7
	2ED	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	1.5	2.5
	2EE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.1	2.0	2.3	2.0
	2EF	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	1.0	1.6
	2EG1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.5
	2EG2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.8	1.6
	2EH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.7	0.3	0.2	0.1
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
	2FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	2FC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	2GA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.3	0.3
	2GB	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.7	1.9	2.1
	2GC	2.2	0.4	0.0	0.0	0.0	0.0	0.1	0.6	0.7	1.0	3.4	4.2
	2GD	3.1	0.6	0.1	0.0	0.0	0.0	0.1	0.8	1.0	1.5	4.9	5.9
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.5	2.4	4.5
	2KB	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.8	1.9
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.7	1.5	1.4	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.5	1.8
	3AB	1.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	3AC	2.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
	3BA	1.7	0.4	0.3	0.6	0.6	0.5	0.4	0.3	0.2	0.3	0.7	1.0
	3BB	1.1	0.4	0.4	0.6	0.6	0.5	0.4	0.4	0.3	0.4	0.7	0.9
	3BC	4.3	2.6	2.4	2.4	2.7	2.6	2.4	2.3	2.3	2.3	2.4	3.4
	3BD	1.5	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	1.2
	3CB	3.1	2.5	2.4	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.4	2.7
	3DA	2.0	0.4	1.6	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.2	0.8
	3DB	3.2	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	3EA	2.4	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	3EB	2.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	3.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	14.5	2.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.3
	3FB	9.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.7	0.2	0.1	0.2	0.2	7.8	0.4	0.2	0.1	0.1	0.2	0.3
	3LA	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.4	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	2.4	4.6	0.4	0.1	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.1	0.7	0.1	0.1	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2000 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	3.3	1.6	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.6
	4AB	3.3	2.1	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.8
	4AC	4.1	2.8	2.5	2.5	2.7	2.6	2.5	2.5	2.5	2.5	3.2	3.8
	4AD	4.6	2.9	2.5	2.5	3.1	3.1	2.7	2.6	2.5	2.6	3.5	5.2
	4BA	1.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	4BB	2.0	1.3	1.2	1.1	2.5	1.5	1.2	1.1	1.1	1.1	1.7	3.9
	4BC	4.0	2.3	1.8	1.7	0.4	1.3	1.6	1.6	1.6	1.6	1.0	0.0
	4BD	3.9	2.4	2.2	2.2	4.3	2.7	2.3	2.1	2.1	2.1	3.1	6.6
	4BE	5.4	2.9	2.5	2.5	4.5	3.3	2.7	2.6	2.4	2.4	4.2	6.5
	4BF	3.1	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.3
	4BG	2.6	1.5	1.2	1.2	1.0	1.2	1.1	1.1	1.1	1.0	0.6	1.1
	4CA	8.1	6.2	5.8	5.8	7.5	6.6	6.1	5.8	5.5	5.6	7.4	9.9
	4CB	5.4	4.2	4.0	4.0	5.1	4.2	4.0	3.8	3.7	3.6	4.8	5.7
	4CC	5.9	3.4	3.0	2.9	2.8	2.9	2.9	2.9	2.8	2.8	2.5	3.0
	4DA	7.1	4.7	4.1	4.0	3.8	3.8	3.7	3.6	3.5	3.5	3.5	4.3
	4DB	3.5	1.8	1.4	1.3	1.3	1.2	1.1	1.1	1.0	1.0	3.3	4.3
	4DC	3.4	1.9	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0	3.3	4.3
	4DD	0.9	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.1	0.3
	4DE	2.3	1.0	0.6	0.5	0.3	0.6	0.5	0.4	0.4	0.4	0.0	0.5
	4EA	7.6	4.6	4.2	4.2	4.2	4.1	4.0	4.0	3.9	3.9	22.8	21.7
	4EB	12.1	6.4	6.0	6.8	6.1	5.8	5.8	5.7	5.7	5.6	34.3	27.5
	4EC	7.1	5.4	5.0	4.8	4.7	4.7	4.6	4.6	4.5	4.4	6.8	9.6
	4ED	14.4	9.0	7.2	6.5	6.2	6.3	6.2	6.1	6.1	6.0	6.4	12.5
	4FA	13.8	6.0	5.0	6.1	4.9	4.7	4.6	4.6	4.5	4.5	27.2	34.0
	4FB	9.3	3.2	1.8	1.6	1.4	1.7	1.6	1.5	1.5	1.5	7.3	26.4
	4GA	9.7	4.9	3.6	3.2	2.9	3.0	2.9	2.8	2.8	2.8	0.3	15.1
	4GB	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
	4GC	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
	4GD	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
	4GE	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
	4GF	43.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
	4GG	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	41.4	10.3	6.5	5.2	4.9	4.7	4.7	4.6	4.6	4.6	4.6	4.8
	4HB	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1
	4JB	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
	4KA	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
	4KB	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
ENNCA	5AA	0.3	0.2	0.2	0.2	0.2	0.2	0.2	1.6	1.7	0.5	0.6	0.7
	5AB	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1
	5AC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0
	5AD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BA	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	5BB	0.7	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
	5BC-1	2.0	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.6	0.6	0.7
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.5
	5BE	2.3	0.5	0.2	0.7	0.7	0.2	0.1	0.1	0.1	0.1	3.4	5.3
	5CA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.2	0.2	0.2
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	3.2	1.0	0.4	0.4	0.4	0.1	0.0	0.0	0.1	0.0	10.0	12.7
	5DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.4	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.4
	5DD	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	13.7	14.7	5.5	1.8	0.8	0.4	0.2	0.1	0.0

Monthly Surface Water by Sub-basin

Year 2001 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.4	0.3	1.5	2.6	1.5	1.0	1.0	0.9	1.2	2.3	0.7
	1AB	1.1	0.9	0.8	2.9	4.7	3.5	2.7	2.8	2.3	2.9	5.2	1.7
	1AC	0.0	0.0	0.0	0.1	0.9	0.5	0.1	0.1	0.1	0.1	0.4	0.1
	1AD	0.9	0.6	0.4	2.0	3.6	2.1	1.0	0.7	0.8	1.0	1.6	0.7
	1AE	0.5	0.4	0.3	0.8	1.6	1.0	0.5	0.3	0.4	0.6	0.8	0.4
	1AF	1.2	0.9	0.7	2.7	4.0	2.2	1.2	0.9	1.0	1.2	1.7	0.9
	1AG	0.8	0.6	0.4	2.2	3.4	1.8	0.9	0.6	0.6	0.8	1.2	0.5
	1AH	0.9	0.5	0.3	2.6	3.1	1.9	0.6	0.4	0.8	1.0	1.6	0.4
	1BA	0.6	0.9	0.4	4.0	3.6	3.6	2.7	4.4	2.4	1.3	5.7	1.2
	1BB	2.1	2.5	1.7	9.2	12.2	13.3	9.9	14.6	8.6	5.4	18.5	4.0
	1BC	0.8	0.7	0.6	1.0	3.9	6.3	5.3	5.7	3.9	4.0	8.6	2.5
	1BD	1.8	1.7	1.6	1.6	2.9	4.6	4.7	5.1	4.8	3.6	6.6	3.1
	1BE	1.1	0.9	0.7	1.0	6.8	14.3	11.6	12.8	9.3	8.7	20.6	6.2
	1BG	2.4	2.1	2.0	2.9	7.5	12.3	11.6	10.2	8.1	10.4	17.9	5.2
	1BH	1.6	1.3	1.2	2.7	5.5	7.1	6.7	6.3	4.8	6.2	10.7	3.3
	1CA	1.8	1.9	1.7	2.0	3.1	4.2	4.4	5.4	4.8	2.6	4.8	2.7
	1CB	1.5	1.9	1.4	1.9	3.2	4.9	5.3	6.3	5.5	2.5	5.3	2.5
	1CC	3.5	4.6	3.2	4.4	6.4	8.4	7.9	8.1	7.0	4.3	7.7	4.2
	1CD	5.4	6.4	4.8	6.5	10.6	14.7	14.9	16.3	15.2	8.6	15.0	7.7
	1CE	1.5	1.5	1.3	1.4	2.1	3.0	3.4	3.0	3.3	2.9	3.7	2.0
	1DA	3.3	2.9	2.5	4.0	6.4	5.5	5.4	4.7	5.1	4.8	6.3	3.6
	1DB	4.3	3.9	3.7	7.5	10.1	9.6	8.5	8.3	6.9	8.4	12.7	5.4
	1DC	2.1	2.0	1.7	3.0	5.0	3.4	2.7	2.5	2.7	2.4	3.4	2.4
	1DD	2.5	2.3	2.0	3.9	5.8	3.8	2.7	2.4	2.6	2.4	3.0	2.3
	1EA	6.8	6.3	4.7	7.9	10.4	9.4	9.3	7.1	8.4	7.9	8.3	5.8
	1EB	5.3	4.8	4.0	7.0	8.2	6.2	6.3	5.1	5.8	6.0	6.3	4.6
	1EC	2.9	2.7	2.4	3.7	4.6	3.6	3.5	3.0	3.2	3.3	3.5	2.7
	1ED	1.2	1.2	0.9	2.1	2.3	1.7	1.3	1.1	1.2	1.3	1.4	1.0
	1EE	1.6	1.4	0.5	4.0	5.4	4.1	1.5	0.9	1.4	1.6	2.2	1.1
	1EF	1.0	0.6	0.0	2.6	4.9	3.2	0.0	0.0	0.3	0.1	2.0	0.5
	1EG	3.5	3.4	1.6	7.0	7.3	6.2	3.1	1.9	2.6	3.9	4.0	1.9
	1FA	0.8	0.8	0.3	1.4	2.0	2.8	2.5	2.3	1.7	1.0	2.2	0.7
	1FB	4.7	4.1	2.2	5.0	7.2	8.5	7.3	6.4	6.3	4.4	5.9	3.0
	1FC	2.6	2.8	1.5	2.7	4.4	4.8	3.8	3.2	3.3	2.7	3.0	2.0
	1FD	5.0	4.1	2.0	5.3	7.4	8.7	6.7	5.9	5.4	4.3	5.7	2.8
	1FE	9.1	7.4	3.8	9.2	12.3	10.8	8.6	6.7	8.5	8.8	8.6	5.2
	1FF	2.4	1.5	0.3	2.2	2.6	2.1	1.3	0.8	1.6	2.1	1.9	0.7
	1FG	5.0	3.8	0.0	7.8	7.3	6.2	0.1	0.0	1.6	2.3	5.3	0.3
LVSCA	1GA	5.6	3.3	1.2	9.2	8.6	9.0	7.2	5.9	5.0	4.0	8.7	2.9
	1GB	10.0	2.5	0.8	9.7	9.1	8.9	5.4	4.4	4.3	2.5	5.0	1.4
	1GC	15.6	7.4	3.6	18.0	15.5	14.0	11.2	9.5	8.5	11.0	19.6	7.6
	1GD	13.4	2.5	1.9	10.3	8.3	5.1	3.1	2.1	2.6	3.9	6.5	2.6
	1GE	9.8	0.6	0.0	4.8	5.9	2.6	0.0	0.0	0.0	0.1	5.3	0.0
	1GF	11.9	0.9	1.8	4.2	2.6	1.8	1.7	1.3	1.5	1.7	5.4	1.4
	1GG	8.0	2.8	1.1	9.0	8.0	6.9	4.3	3.3	3.2	4.6	8.6	2.8
	1HA1	8.6	2.2	1.0	3.7	4.0	3.9	2.2	2.1	4.9	2.8	4.2	1.3
	1HA2	6.7	0.1	0.0	0.2	0.3	0.3	0.0	0.0	0.3	0.2	0.4	0.0
	1HB1	3.2	2.5	0.6	2.4	2.8	2.6	1.1	0.5	0.8	2.0	2.4	1.1
	1HB2	3.7	1.3	0.3	1.4	1.4	1.2	0.5	0.4	1.8	1.5	1.9	0.6
	1HC	0.0	0.0	0.0	1.1	2.2	2.0	0.6	0.0	0.0	0.1	1.6	0.9
	1HD	11.7	5.5	0.8	7.0	7.2	9.0	2.3	1.3	4.0	6.1	9.8	2.2
	1HE	7.8	3.6	0.3	4.7	7.6	9.4	1.5	0.3	1.1	5.7	8.8	1.9
	1HF	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	1HG	1.8	0.9	0.1	1.9	2.2	1.5	0.2	0.0	0.0	0.0	0.3	0.4
	1JA	21.2	10.5	5.2	15.7	12.6	11.4	9.7	8.1	7.8	11.6	18.9	7.6
	1JB	6.1	2.4	1.0	3.2	2.9	2.9	2.1	1.4	1.4	3.0	4.3	1.6
	1JC	10.4	4.4	2.4	6.8	6.8	6.6	4.5	3.8	3.5	6.4	8.6	3.7
	1JD	6.1	3.2	2.0	4.0	3.7	3.7	2.9	2.6	2.7	3.8	4.8	2.5
	1JE	12.9	6.2	2.1	8.2	5.3	6.0	3.9	2.2	3.8	5.2	8.6	2.6
	1JF	26.0	13.6	5.9	19.3	15.4	16.3	13.1	8.4	10.1	12.0	24.0	8.5
	1JG1	10.5	4.7	0.8	4.2	4.3	4.6	2.2	1.6	1.6	3.2	7.2	1.7
	1JG2	4.7	1.4	0.7	2.0	1.5	1.4	0.7	0.6	1.0	1.5	2.4	0.7
	1KA	3.9	2.0	0.4	5.1	6.2	6.7	1.0	0.4	1.7	3.3	5.1	1.2
	1KB	27.1	14.3	4.7	34.6	34.4	33.5	7.9	4.9	10.3	14.5	24.1	8.0
	1KC	26.2	19.1	7.5	38.9	32.7	27.7	8.2	4.9	4.0	8.6	22.5	10.0
	1LA1	25.3	13.1	4.6	15.7	10.3	8.0	7.4	5.8	6.2	8.0	17.6	5.4
	1LA2	20.8	12.6	4.5	14.3	12.8	12.2	5.4	3.6	3.9	6.7	11.9	5.4
	1LA3	50.2	22.4	6.8	18.0	14.9	10.6	5.3	4.0	2.6	2.9	6.6	4.7
	1LB1	32.0	15.9	5.3	18.1	10.8	6.7	7.2	7.3	6.3	8.3	18.4	6.3
	1LB2	34.0	14.7	2.5	10.9	7.6	6.8	3.4	2.1	1.5	4.4	12.3	3.1

Monthly Surface Water by Sub-basin

Year 2001 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.3	0.7	0.2	0.9	16.2	22.9	15.7	22.5	11.9	8.8	27.5	4.3
	2BB	2.1	1.1	0.3	1.4	26.1	36.8	25.2	36.2	19.2	14.1	44.1	7.0
	2BC	1.3	0.5	0.0	0.0	14.3	29.4	25.1	30.2	16.8	16.4	39.5	7.8
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.6	1.6	0.1	8.1	13.3	27.0	33.8	50.2	27.6	5.3	51.6	8.2
	2CC	1.4	0.7	0.0	12.5	29.9	36.6	29.0	53.0	26.5	10.5	57.5	9.7
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.1	0.1	0.0	1.1	2.1	1.7	2.1	4.9	3.5	0.6	1.6	0.8
	2EB	0.2	0.2	0.0	1.8	3.6	2.9	3.5	8.1	5.8	1.0	2.7	1.3
	2EC	0.3	0.4	0.1	2.2	3.0	1.3	2.0	7.0	5.4	2.1	4.6	2.3
	2ED	1.1	1.2	0.1	3.6	5.2	3.9	6.2	11.6	9.4	2.8	8.6	4.6
	2EE	0.6	1.2	0.0	3.9	4.3	5.0	7.4	10.1	8.5	1.6	10.5	2.7
	2EF	0.7	0.8	0.1	2.3	3.4	2.5	4.1	7.6	6.1	1.8	5.6	3.0
	2EG1	0.1	0.2	0.0	1.6	1.3	0.5	1.5	3.2	2.6	0.9	2.7	1.0
	2EG2	0.3	0.7	0.0	5.4	4.2	1.8	5.0	10.7	8.8	3.0	9.0	3.4
	2EH	0.0	0.0	0.0	0.7	1.1	0.9	2.2	5.1	2.2	0.6	3.1	0.7
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.1	0.3	3.2	2.3	0.1	0.3	0.1
	2FA	0.1	0.1	0.0	0.8	1.5	0.8	1.0	2.2	1.4	0.9	1.4	1.0
	2FB	0.0	0.0	0.0	0.2	0.4	0.2	0.3	0.6	0.4	0.2	0.4	0.3
	2FC	0.5	0.6	0.4	3.8	3.4	1.3	2.6	5.4	3.1	3.0	5.2	1.7
	2GA	0.1	0.1	0.0	1.0	1.3	0.7	1.0	1.5	0.8	0.6	1.5	0.7
	2GB	1.1	1.1	0.6	7.6	7.4	4.0	5.2	6.2	3.8	3.4	7.4	2.4
	2GC	3.9	3.0	2.2	13.4	12.7	4.3	4.0	3.6	2.3	4.4	8.1	3.1
	2GD	5.5	4.2	3.1	19.0	17.9	6.1	5.7	5.1	3.2	6.2	11.4	4.4
	2H-1	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	3.7	0.0	2.0	16.1	6.2	2.3	0.7	0.1	0.0	0.0	0.0	0.0
	2H-3	0.9	2.8	1.8	7.1	2.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	39.3	33.4	9.1	25.1	17.0	5.0	3.6	5.2	3.8	3.7	9.1	3.9
	2KB	11.4	6.7	2.0	5.1	4.8	1.4	0.7	2.0	1.6	1.5	2.5	1.7
	2KC	0.0	4.7	1.3	4.2	4.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	11.3	4.8	4.2	9.3	4.9	2.9	1.8	1.4	1.4	1.4	2.0	1.9
	3AB	5.0	2.6	1.1	6.2	2.9	0.5	0.2	0.1	0.1	0.1	0.2	0.4
	3AC	4.7	3.4	1.2	5.6	2.3	0.7	0.2	0.1	0.1	0.1	0.3	0.5
	3BA	5.3	2.8	2.1	5.7	2.6	1.3	0.5	0.3	0.4	0.3	1.4	0.8
	3BB	4.1	1.9	1.7	3.8	1.9	1.1	0.5	0.4	0.4	0.4	1.3	0.6
	3BC	11.5	5.8	4.8	10.9	9.4	4.1	2.8	2.5	2.4	2.3	3.7	3.8
	3BD	5.1	2.1	2.0	4.7	3.5	1.4	1.0	0.9	0.8	0.8	1.2	1.5
	3CB	6.8	4.1	3.0	7.0	5.3	3.1	2.6	2.4	2.4	2.3	2.7	2.9
	3DA	4.1	2.5	0.4	8.0	1.4	0.5	1.4	1.5	1.5	1.5	0.6	0.7
	3DB	0.0	1.4	0.0	1.2	0.8	0.1	0.0	0.0	0.0	0.0	0.5	3.3
	3EA	7.9	2.6	0.7	3.8	1.3	0.2	0.0	0.0	0.0	0.0	0.1	1.5
	3EB	3.1	1.8	0.3	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.1	3.9
	3EC	2.9	1.9	0.2	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.4	5.3
	3ED	0.0	0.3	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	3FA	0.1	2.8	0.2	1.4	1.9	1.3	1.2	1.1	1.0	1.1	2.5	4.8
	3FB	0.0	3.3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	3.0	1.7	1.1	3.2	1.3	0.5	0.2	0.1	0.1	0.1	0.5	0.2
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2001 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.8	2.3	1.3	6.6	8.1	1.7	1.2	1.1	1.1	1.1	2.7	3.1
	4AB	3.2	3.5	2.3	11.6	11.2	3.3	2.3	2.0	1.8	1.7	3.6	3.8
	4AC	4.9	4.6	3.3	11.7	12.1	4.2	3.3	3.1	2.7	3.1	4.9	4.2
	4AD	8.2	5.6	3.7	16.7	15.9	4.9	3.7	3.4	2.9	3.5	7.0	5.3
	4BA	1.3	1.1	0.5	3.2	6.3	1.0	0.5	0.4	0.4	0.4	0.7	1.2
	4BB	7.5	3.1	2.1	12.1	11.1	2.2	1.5	1.3	1.1	1.1	5.9	2.9
	4BC	0.0	0.1	0.8	0.0	1.4	1.9	1.5	1.4	1.5	1.6	0.0	1.1
	4BD	12.3	5.5	3.6	19.9	19.1	4.1	2.7	2.5	2.2	2.1	9.8	5.2
	4BE	14.3	6.8	3.9	18.2	18.3	4.9	3.1	2.9	2.5	2.5	8.3	6.1
	4BF	4.9	3.2	2.7	7.2	5.2	2.6	2.3	2.2	2.2	2.2	2.8	2.8
	4BG	1.1	2.3	1.0	2.8	5.6	1.9	1.3	1.2	1.1	1.0	0.2	1.8
	4CA	16.7	9.3	8.1	19.7	18.8	8.2	6.9	6.6	6.0	6.4	12.3	8.4
	4CB	12.0	6.2	5.3	12.4	11.3	5.2	4.3	4.1	3.9	3.9	7.1	5.6
	4CC	6.8	6.1	4.1	15.2	7.0	3.6	3.0	2.9	2.8	2.8	2.8	3.8
	4DA	5.1	4.5	3.5	9.3	13.9	5.0	3.9	3.6	3.4	3.4	6.0	6.4
	4DB	3.0	2.0	1.1	8.6	8.8	1.8	1.2	1.0	0.9	0.9	5.6	3.2
	4DC	3.0	2.1	1.2	7.9	8.2	1.9	1.2	1.1	1.0	0.9	5.6	3.2
	4DD	0.3	0.3	0.3	0.0	1.9	0.6	0.4	0.3	0.3	0.2	0.1	0.5
	4DE	0.0	1.9	0.1	0.0	4.7	1.3	0.7	0.6	0.5	0.4	0.0	1.4
	4EA	10.5	5.7	4.3	31.0	14.3	4.8	4.3	4.0	4.0	3.9	30.7	13.3
	4EB	13.9	8.6	6.1	40.9	24.0	6.4	5.7	5.6	5.4	5.6	42.1	16.9
	4EC	6.7	5.6	4.7	12.7	11.5	5.5	4.8	4.5	4.4	4.4	9.8	7.7
	4ED	7.0	8.7	6.1	9.8	17.3	8.2	6.7	6.3	6.1	6.0	12.1	15.9
	4FA	12.4	8.0	5.5	38.9	24.9	6.6	4.9	4.6	4.3	4.5	43.7	25.2
	4FB	4.7	5.3	1.4	14.4	16.5	4.1	2.0	1.6	1.5	1.5	18.6	17.3
	4GA	5.0	5.9	3.1	0.2	10.1	4.6	3.4	3.0	2.8	2.7	2.8	10.6
	4GB	0.0	1.7	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	2.9
	4GC	0.0	1.6	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	1.8
	4GD	0.0	2.7	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	2.9
	4GE	0.0	1.2	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1
	4GF	0.0	2.7	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	3.4
	4GG	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	5.4	5.1	4.8	5.1	5.4	4.8	4.6	4.5	4.5	4.5	8.1	17.4
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	5.7	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0	6.2
	4JB	0.0	2.2	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	2.4
	4KA	0.0	3.6	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9
	4KB	0.0	6.0	0.0	0.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	6.6
ENNCA	5AA	0.5	0.4	0.3	5.2	5.0	3.2	3.4	7.9	6.9	1.0	2.8	1.8
	5AB	0.1	0.1	0.1	2.8	1.7	1.1	1.5	2.7	2.1	0.2	1.3	0.7
	5AC	0.0	0.0	0.0	0.3	0.7	0.3	0.2	0.6	1.0	0.2	0.3	0.3
	5AD	0.0	0.0	0.0	0.2	0.5	0.0	0.1	0.4	0.9	0.1	0.0	0.3
	5BA	0.2	0.3	0.1	1.5	3.0	0.4	0.2	0.2	0.1	0.1	0.4	0.8
	5BB	0.8	0.6	0.3	5.7	4.9	0.7	0.7	1.2	0.5	0.5	3.1	1.6
	5BC-1	1.0	1.5	0.7	8.8	9.8	1.8	1.6	3.3	3.1	0.8	5.5	4.4
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.5	0.4	0.4	2.7	2.2	1.0	1.2	2.3	2.2	0.5	1.5	1.3
	5BE	4.8	2.7	0.4	8.5	5.9	0.5	0.3	0.3	0.3	0.2	12.4	4.4
	5CA	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.1	1.0	0.3	0.3	0.2
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	5.5	2.1	0.5	15.7	5.1	0.9	0.3	0.2	0.4	0.1	15.9	8.2
	5DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.1	0.4	0.0	0.0	0.9	0.3	0.1	0.4	0.4	0.1	0.0	0.7
	5DD	0.0	0.4	0.0	0.0	0.8	0.3	0.0	0.2	0.5	0.1	0.0	0.6
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	13.1
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2002 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.3	0.3	0.3	0.3	4.0	1.3	0.6	0.4	0.3	0.4	0.9	1.1
	1AB	0.8	0.7	0.7	0.8	5.8	2.9	1.7	1.2	1.0	1.3	1.5	1.8
	1AC	0.0	0.0	0.0	0.0	0.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0
	1AD	0.4	0.3	0.3	0.5	5.1	2.0	0.8	0.4	0.4	0.8	2.2	1.4
	1AE	0.2	0.2	0.2	0.6	2.5	0.8	0.3	0.2	0.2	0.4	1.1	0.6
	1AF	0.6	0.6	0.5	0.6	4.4	2.3	1.0	0.7	0.7	0.9	2.3	1.8
	1AG	0.2	0.2	0.2	0.3	3.9	1.9	0.6	0.4	0.3	0.6	2.0	1.4
	1AH	0.1	0.1	0.1	1.4	4.6	1.1	0.3	0.2	0.2	0.6	2.8	1.1
	1BA	0.4	0.3	0.3	0.3	3.3	0.9	0.6	0.7	0.5	0.8	1.5	2.5
	1BB	1.8	1.6	1.5	1.6	10.2	3.1	2.3	2.7	2.1	3.6	4.3	6.4
	1BC	0.9	0.7	0.6	0.6	3.1	1.9	1.5	1.5	1.3	1.3	1.2	0.9
	1BD	1.8	1.7	1.6	1.6	3.7	2.9	2.4	2.3	2.1	1.9	1.8	1.6
	1BE	1.5	0.8	0.8	0.8	6.2	4.4	3.1	3.3	3.0	2.7	2.2	1.1
	1BG	2.3	2.0	2.0	2.2	10.3	5.8	4.8	4.7	3.8	3.7	3.1	2.7
	1BH	1.4	1.2	1.1	1.3	7.4	4.4	3.2	2.8	2.2	2.4	2.1	2.3
	1CA	1.8	1.7	1.6	1.6	4.3	2.6	2.1	2.1	1.9	1.7	1.7	3.3
	1CB	1.6	1.4	1.3	1.5	6.1	2.6	2.0	2.1	1.9	1.5	1.4	6.8
	1CC	3.3	3.2	3.0	3.1	8.8	4.1	3.7	4.8	4.6	3.3	3.2	8.8
	1CD	5.1	4.7	4.4	4.7	17.3	8.4	7.2	8.0	6.9	5.5	5.5	14.1
	1CE	1.3	1.3	1.2	1.3	4.6	2.6	2.2	2.1	1.8	1.8	1.7	2.1
	1DA	2.4	2.3	2.2	2.7	10.0	5.6	4.6	4.0	3.6	3.7	4.5	5.7
	1DB	3.7	3.5	3.4	3.6	12.0	8.2	5.9	5.1	4.5	5.0	5.0	6.0
	1DC	1.6	1.6	1.5	1.6	4.5	4.3	2.7	2.1	2.1	2.1	2.9	2.3
	1DD	1.8	1.8	1.7	2.0	5.2	4.5	2.6	2.1	2.1	2.4	3.7	2.9
	1EA	4.4	4.2	4.2	5.7	15.4	8.0	7.1	8.1	6.9	6.4	8.2	8.6
	1EB	3.7	3.6	3.6	5.2	10.8	6.3	4.9	5.2	4.8	5.3	7.3	5.8
	1EC	2.2	2.2	2.1	2.4	5.9	3.8	3.2	3.1	2.9	3.0	3.8	3.7
	1ED	0.8	0.8	0.8	1.0	2.8	1.7	1.1	1.0	1.0	1.3	2.1	1.5
	1EE	0.6	0.5	0.6	1.5	6.0	2.6	0.8	0.4	0.8	1.2	5.0	2.4
	1EF	0.0	0.0	0.0	0.0	7.6	1.2	0.0	0.0	0.0	0.0	4.8	0.0
	1EG	1.0	0.8	0.8	4.3	9.6	4.0	1.5	1.2	1.7	2.7	8.2	4.8
	1FA	0.4	0.3	0.3	0.5	3.1	0.8	0.5	1.8	1.2	0.4	0.5	2.9
	1FB	2.4	2.0	2.6	3.0	10.3	4.2	3.5	6.7	4.9	2.9	3.7	6.0
	1FC	1.5	1.3	1.5	1.8	5.9	2.5	2.1	3.5	3.3	1.9	2.2	2.5
	1FD	2.5	2.0	2.7	2.9	9.5	3.5	2.8	6.1	5.0	2.7	3.2	4.6
	1FE	3.3	2.8	3.5	8.6	19.4	7.7	5.3	7.3	6.9	5.7	10.0	8.0
	1FF	0.0	0.0	0.0	3.1	5.1	1.4	0.4	0.4	0.5	0.7	3.0	1.7
	1FG	0.0	0.0	0.0	5.9	14.8	0.9	0.0	0.0	0.0	0.0	11.2	3.2
LVSCA	1GA	2.1	1.4	3.0	3.1	12.4	2.5	2.0	6.4	3.6	2.1	5.8	7.1
	1GB	2.3	0.8	5.2	5.5	14.0	2.0	1.0	4.1	2.7	1.7	9.1	6.2
	1GC	5.2	3.3	6.9	7.0	25.9	6.0	4.8	9.8	6.1	4.4	13.8	13.8
	1GD	3.5	1.7	6.7	4.7	13.0	2.2	1.7	3.0	1.7	2.2	13.7	6.2
	1GE	0.1	0.0	0.5	3.1	13.5	0.0	0.0	0.0	0.0	0.0	6.3	4.3
	1GF	1.8	1.4	2.1	3.4	11.2	1.5	1.7	2.2	1.7	1.9	7.9	2.9
	1GG	2.1	0.9	3.8	3.6	11.4	2.1	1.3	3.9	2.1	1.9	8.3	5.9
	1HA1	1.2	1.0	2.3	7.7	10.1	2.0	1.0	1.3	1.7	1.3	5.0	3.7
	1HA2	0.0	0.0	0.1	1.1	6.9	0.0	0.0	0.0	0.0	0.0	0.8	0.4
	1HB1	0.2	0.0	0.0	3.5	6.2	1.5	0.3	0.1	0.1	0.1	2.7	2.4
	1HB2	0.3	0.1	0.4	3.8	4.6	0.9	0.2	0.1	0.1	0.1	2.0	1.5
	1HC	0.0	0.0	0.0	0.1	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.8
	1HD	1.4	1.0	2.7	7.6	18.5	4.0	0.8	0.5	0.7	0.4	9.0	4.3
	1HE	0.5	0.2	1.2	9.2	15.3	3.4	0.6	0.0	0.0	0.1	7.2	3.3
	1HF	0.0	0.0	0.0	0.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HG	0.0	0.0	0.0	3.0	7.1	1.2	0.2	0.0	0.0	0.0	0.0	0.4
	1JA	5.6	4.6	7.3	8.3	28.1	7.0	5.8	8.9	6.9	4.5	11.6	11.1
	1JB	1.2	0.9	1.4	2.0	6.7	1.5	1.3	2.1	1.5	0.9	2.9	2.0
	1JC	3.1	2.4	3.6	4.1	12.1	3.4	3.2	4.9	3.4	2.6	6.9	5.2
	1JD	2.4	2.1	2.6	3.0	6.6	2.5	2.3	3.0	2.5	2.1	4.5	3.1
	1JE	2.2	1.8	3.1	4.7	14.4	3.1	1.6	2.3	2.0	1.1	4.2	3.3
	1JF	6.1	5.2	7.7	10.4	39.0	9.0	6.0	9.5	7.1	4.4	10.2	9.5
	1JG1	0.9	0.7	1.1	1.7	11.2	2.4	0.8	1.1	1.2	0.4	3.8	1.8
	1JG2	0.6	0.6	0.7	1.4	4.3	0.8	0.6	0.8	0.7	0.6	2.1	1.0
	1KA	1.3	0.5	2.0	4.6	10.6	2.9	0.8	0.6	0.7	0.8	4.4	2.0
	1KB	7.6	4.6	8.7	21.3	70.5	18.9	5.8	4.9	4.4	2.6	15.5	9.1
	1KC	6.3	4.8	4.5	14.1	60.3	17.8	6.6	3.6	2.2	1.7	3.1	5.7
	1LA1	3.9	3.1	5.8	7.2	34.2	6.5	3.7	6.1	4.1	2.1	7.5	9.0
	1LA2	3.8	3.4	3.8	5.3	24.8	7.7	3.4	2.6	3.0	2.5	4.9	4.7
	1LA3	6.3	6.6	8.8	6.4	65.5	8.9	2.8	1.7	2.2	2.7	3.4	11.8
	1LB1	5.1	4.4	7.5	9.0	41.2	7.3	3.8	5.0	4.1	2.4	7.4	11.3
	1LB2	3.6	3.1	4.4	3.4	45.4	8.5	1.1	0.0	0.0	0.0	0.0	1.6

Monthly Surface Water by Sub-basin

Year 2002 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.5	0.7	0.1	0.0	2.7	0.3	0.2	0.0	0.0	0.3	0.8	1.8
	2BB	2.4	1.1	0.2	0.0	4.3	0.5	0.4	0.1	0.0	0.4	1.3	2.8
	2BC	1.9	0.4	0.0	0.0	6.5	3.0	2.0	2.1	2.2	1.9	1.6	0.5
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	2.6	1.3	0.3	0.1	35.7	2.9	1.5	0.6	0.2	0.0	0.0	29.6
	2CC	1.7	0.0	0.0	0.0	4.9	1.6	0.6	0.0	0.0	0.0	0.0	0.0
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.2	0.1	0.1	0.1	3.1	0.7	0.4	0.4	0.3	0.1	0.2	0.7
	2EB	0.4	0.1	0.1	0.1	5.1	1.1	0.6	0.7	0.5	0.1	0.2	1.1
	2EC	0.5	0.1	0.1	0.1	5.8	1.7	0.9	1.0	0.5	0.0	0.1	1.0
	2ED	0.9	0.2	0.3	0.2	6.5	2.6	1.2	2.0	1.3	0.1	0.1	0.9
	2EE	0.4	0.0	0.0	0.0	7.8	1.3	0.5	2.2	1.5	0.0	0.0	4.9
	2EF	0.6	0.1	0.2	0.1	4.2	1.7	0.8	1.3	0.9	0.1	0.1	0.6
	2EG1	0.2	0.0	0.0	0.0	3.2	0.5	0.2	0.6	0.4	0.0	0.0	1.2
	2EG2	0.6	0.0	0.0	0.0	10.6	1.7	0.8	1.9	1.2	0.0	0.0	3.9
	2EH	0.3	0.1	0.0	0.0	3.3	0.4	0.2	0.0	0.0	0.0	0.0	1.6
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	2.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0
	2FA	0.3	0.1	0.1	0.1	3.5	0.9	0.6	0.6	0.2	0.1	0.4	0.7
	2FB	0.1	0.0	0.0	0.0	0.9	0.2	0.2	0.2	0.1	0.0	0.1	0.2
	2FC	0.7	0.3	0.3	0.4	11.8	1.5	0.8	0.8	0.4	0.1	0.3	1.9
	2GA	0.2	0.1	0.0	0.1	4.5	1.2	0.8	0.6	0.2	0.0	0.4	0.8
	2GB	1.2	0.6	0.6	1.3	17.6	2.8	2.2	2.3	0.9	0.7	4.1	5.7
	2GC	1.9	1.0	1.6	4.4	22.2	3.5	2.2	1.5	0.8	1.7	9.3	6.3
	2GD	2.7	1.4	2.3	6.2	31.3	4.9	3.1	2.1	1.2	2.4	13.1	8.9
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	4.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	6.3	5.8	12.1	7.7	86.4	11.0	2.7	1.5	0.7	0.2	2.3	16.1
	2KB	1.8	2.6	2.7	2.3	18.9	2.1	0.7	0.6	0.3	0.1	1.4	3.7
	2KC	0.0	0.0	0.0	0.0	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.6	1.5	1.8	1.7	10.5	2.5	1.5	1.4	1.4	1.4	2.0	4.5
	3AB	0.2	0.1	0.2	0.1	4.9	0.9	0.2	0.1	0.1	0.1	0.2	0.6
	3AC	0.2	0.1	0.3	0.3	8.6	1.3	0.2	0.1	0.1	0.1	0.3	2.2
	3BA	0.5	0.4	1.2	0.9	9.7	1.1	0.4	0.3	0.4	0.4	1.4	3.1
	3BB	0.5	0.4	1.1	1.1	6.2	0.9	0.4	0.4	0.4	0.5	1.2	2.3
	3BC	2.9	2.6	3.5	6.9	18.7	3.9	2.7	2.4	2.4	2.4	5.0	8.6
	3BD	1.0	0.9	1.2	3.1	8.2	1.5	1.0	0.9	0.8	0.8	1.8	3.9
	3CB	2.6	2.5	2.9	5.2	12.9	2.8	2.5	2.4	2.4	2.4	2.8	5.6
	3DA	0.3	1.1	0.4	0.0	10.5	0.9	0.8	1.6	1.6	1.4	0.7	6.1
	3DB	1.5	0.4	0.1	0.0	5.5	0.9	0.1	0.0	0.0	0.0	0.9	12.9
	3EA	1.4	0.6	0.3	0.3	5.4	1.0	0.2	0.0	0.0	0.0	0.1	7.6
	3EB	2.0	0.6	0.3	0.3	3.9	0.6	0.0	0.0	0.0	0.0	0.0	15.6
	3EC	2.5	0.6	0.4	0.3	3.2	0.5	0.0	0.0	0.0	0.0	0.0	17.3
	3ED	0.9	0.2	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	8.1
	3FA	2.5	1.7	1.1	0.0	2.8	1.8	1.1	1.1	1.1	1.1	0.8	8.5
	3FB	1.6	0.1	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.2	0.1	0.3	0.2	2.9	0.6	0.2	0.1	0.1	0.1	0.4	0.7
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2002 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.5	1.2	1.1	3.0	11.4	1.9	1.2	1.1	1.0	1.0	7.2	4.0
	4AB	2.4	2.0	1.8	3.4	14.6	3.1	2.2	1.8	1.7	1.7	8.1	5.8
	4AC	3.3	2.8	3.0	4.5	15.6	4.1	3.0	2.6	2.5	3.1	9.6	6.2
	4AD	3.7	3.1	3.3	8.2	22.4	4.6	3.2	2.8	2.6	3.4	14.2	8.1
	4BA	0.6	0.4	0.4	2.8	11.1	1.1	0.5	0.4	0.4	0.3	4.6	2.2
	4BB	1.8	1.3	2.0	9.0	17.7	2.1	1.3	1.1	1.1	1.6	11.3	5.3
	4BC	1.3	1.5	0.7	0.0	4.7	2.4	1.7	1.6	1.6	1.1	0.0	0.8
	4BD	3.2	2.4	3.5	15.4	31.8	3.8	2.5	2.2	2.1	2.7	18.8	9.1
	4BE	3.7	3.0	3.9	16.1	35.7	5.1	3.0	2.6	2.5	3.1	15.0	9.8
	4BF	2.3	2.3	2.3	7.8	14.2	2.8	2.4	2.3	2.3	2.2	4.3	5.3
	4BG	1.2	1.2	0.9	0.0	18.9	2.1	1.4	1.2	1.1	0.6	1.0	2.1
	4CA	7.1	6.3	7.8	15.4	29.3	8.1	6.5	6.0	5.8	6.8	15.9	13.2
	4CB	4.5	4.1	4.9	11.3	18.5	5.2	4.2	4.0	3.9	4.4	9.7	9.2
	4CC	3.1	3.0	2.8	4.2	25.3	4.6	3.2	2.9	2.9	2.7	3.1	8.6
	4DA	4.1	3.6	3.4	14.4	37.6	5.8	4.3	3.8	3.7	3.6	9.3	6.9
	4DB	1.4	1.0	0.8	17.7	19.8	2.2	1.3	1.1	1.1	1.0	8.2	4.1
	4DC	1.5	1.1	0.9	13.1	15.9	2.2	1.4	1.2	1.1	1.1	8.0	3.9
	4DD	0.5	0.3	0.2	0.0	6.3	0.7	0.4	0.3	0.3	0.2	0.2	0.7
	4DE	0.6	0.6	0.2	0.0	14.4	1.6	0.9	0.6	0.5	0.0	0.0	0.2
	4EA	6.2	4.6	7.3	45.4	34.5	4.9	4.3	4.0	4.0	7.7	36.9	19.3
	4EB	7.6	5.7	7.4	53.0	46.5	6.5	5.7	5.7	5.6	9.9	46.1	21.6
	4EC	5.5	4.8	4.4	17.4	21.3	5.8	4.9	4.6	4.5	4.5	9.7	9.0
	4ED	10.0	8.1	6.6	14.6	63.3	11.4	8.0	6.7	6.3	5.7	13.3	32.4
	4FA	9.9	5.7	11.7	83.7	89.8	7.2	5.2	4.7	4.6	9.6	56.8	37.9
	4FB	6.0	3.2	1.9	42.3	85.8	6.5	2.7	1.8	1.7	0.0	28.3	23.0
	4GA	5.9	4.3	2.9	12.5	71.8	9.7	4.8	3.5	3.1	1.3	13.4	16.4
	4GB	0.0	0.0	0.0	0.0	29.6	2.1	0.0	0.0	0.0	0.0	0.5	1.6
	4GC	0.0	0.0	0.0	0.0	15.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	0.0	0.0	0.0	0.0	23.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	4GE	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	0.0	0.0	0.0	0.0	45.3	2.1	0.0	0.0	0.0	0.0	0.0	54.7
	4GG	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	12.0	8.3	6.1	10.6	26.4	8.3	5.9	4.9	4.6	4.5	12.2	63.4
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	52.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	20.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	33.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	56.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.5	0.3	0.6	1.3	12.5	1.2	0.8	1.5	0.8	0.3	0.6	2.7
	5AB	0.1	0.1	0.1	1.1	5.8	0.3	0.2	0.7	0.2	0.1	0.2	1.6
	5AC	0.0	0.0	0.0	0.3	4.4	0.3	0.1	0.2	0.1	0.0	0.0	0.1
	5AD	0.0	0.0	0.0	0.4	4.2	0.4	0.2	0.1	0.1	0.0	0.1	0.0
	5BA	0.2	0.1	0.1	0.2	3.3	0.4	0.2	0.1	0.1	0.1	1.0	1.0
	5BB	0.3	0.2	0.2	1.4	9.0	0.6	0.4	0.3	0.2	0.2	3.1	2.3
	5BC-1	0.8	0.6	0.6	3.0	25.0	1.9	0.9	1.1	0.7	0.6	4.4	4.7
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.3	0.4	1.4	8.7	0.9	0.6	0.9	0.5	0.4	0.7	1.3
	5BE	0.5	0.2	0.2	7.3	18.6	0.8	0.2	0.2	0.1	0.3	17.2	9.5
	5CA	0.1	0.1	0.1	0.1	1.7	0.5	0.2	0.2	0.2	0.1	0.1	0.1
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	1.9	0.6	4.1	30.5	39.5	3.3	1.1	0.3	0.2	1.3	28.7	22.8
	5DB	0.0	0.0	0.0	0.0	1.9	0.1	0.0	0.0	0.0	0.0	0.6	2.1
	5DC	0.1	0.1	0.0	0.0	1.0	0.4	0.1	0.1	0.1	0.0	0.4	0.0
	5DD	0.1	0.0	0.0	0.0	0.8	0.3	0.1	0.0	0.1	0.0	0.0	0.0
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	11.0	106.2	2.8	0.0	0.0	0.0	0.0	4.0	18.4
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2003 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.1	0.4	0.3	1.3	5.5	2.6	2.1	1.3	2.0	0.8	0.7	0.5
	1AB	2.4	0.9	0.7	2.0	11.1	5.3	5.1	3.4	4.6	1.8	1.3	1.0
	1AC	0.4	0.0	0.0	0.0	2.6	1.2	1.1	0.4	0.9	0.3	0.0	0.0
	1AD	1.5	0.4	0.4	1.5	6.4	3.4	2.7	1.2	2.0	1.1	1.1	0.8
	1AE	0.5	0.2	0.2	0.9	2.0	1.2	0.8	0.4	0.6	0.4	0.7	0.5
	1AF	1.6	0.7	0.6	1.4	6.8	3.9	2.9	1.9	2.3	1.3	1.2	0.9
	1AG	1.3	0.3	0.2	0.8	5.7	3.2	2.3	1.3	1.8	0.9	0.8	0.5
	1AH	0.9	0.2	0.1	2.2	4.1	2.2	1.4	0.4	0.7	0.5	1.0	0.5
	1BA	2.1	0.5	0.3	2.4	8.6	3.1	2.6	4.6	2.3	0.5	0.3	0.3
	1BB	6.8	1.9	1.5	7.5	29.1	12.2	11.3	14.8	8.8	2.2	1.6	1.6
	1BC	2.1	0.8	0.6	1.1	11.1	6.2	8.1	5.3	5.5	1.8	0.9	0.8
	1BD	3.2	1.8	1.5	1.2	8.6	4.7	4.7	4.1	5.5	2.4	1.7	1.6
	1BE	3.9	1.2	0.6	0.1	24.4	13.2	18.6	10.9	13.1	4.0	1.7	1.1
	1BG	5.3	2.4	1.9	2.8	21.1	11.1	13.8	9.7	11.7	4.7	2.6	2.2
	1BH	3.8	1.4	1.1	2.0	14.7	8.0	8.7	6.1	7.9	3.1	1.7	1.4
	1CA	4.3	1.9	1.6	1.7	8.1	4.0	3.2	4.5	4.2	2.1	1.7	1.6
	1CB	5.4	1.6	1.3	1.5	10.2	4.7	3.7	6.3	5.0	2.0	1.4	1.3
	1CC	7.8	3.3	2.9	3.7	13.6	6.8	5.4	9.8	7.5	4.2	3.2	3.1
	1CD	13.9	5.3	4.4	5.1	28.9	14.8	12.8	17.6	14.8	7.1	4.9	4.5
	1CE	3.1	1.4	1.2	1.2	6.0	4.0	4.3	3.6	4.3	2.2	1.4	1.3
	1DA	5.8	2.6	2.3	2.1	14.5	8.8	9.7	7.7	8.3	4.5	2.8	2.5
	1DB	7.2	3.8	3.4	5.4	23.0	12.9	13.2	9.9	11.9	6.0	4.3	3.9
	1DC	4.0	1.8	1.6	1.0	9.8	5.9	6.0	4.0	5.5	3.1	2.1	1.7
	1DD	3.8	1.9	1.8	1.8	10.0	6.4	5.6	3.8	5.2	3.1	2.4	2.1
	1EA	8.3	4.5	4.0	4.4	17.3	12.3	12.5	14.2	10.3	7.5	4.8	4.6
	1EB	6.0	3.7	3.5	3.6	11.6	8.9	8.7	9.8	7.3	5.5	4.1	3.8
	1EC	3.6	2.3	2.2	2.3	7.1	5.3	5.3	5.1	4.4	3.3	2.5	2.3
	1ED	1.6	0.9	0.8	1.0	3.4	2.3	2.0	1.5	1.8	1.3	1.1	0.9
	1EE	3.0	0.6	0.6	1.4	7.2	4.3	2.9	0.3	1.7	0.9	1.1	0.6
	1EF	3.1	0.0	0.0	0.0	7.8	2.6	1.9	0.0	1.6	0.0	0.1	0.0
	1EG	4.2	1.1	0.9	3.2	9.7	6.6	4.7	2.5	3.0	2.1	1.9	1.4
	1FA	1.8	0.3	0.2	0.8	4.6	1.9	1.3	3.6	2.4	0.9	0.4	0.3
	1FB	6.2	2.2	1.7	3.7	14.9	8.3	7.0	10.1	7.9	4.7	2.4	2.5
	1FC	3.9	1.4	1.2	1.5	8.0	4.9	4.0	5.0	4.7	3.0	1.6	1.6
	1FD	6.1	1.9	1.5	3.9	14.1	7.2	5.0	8.7	8.3	4.7	2.3	2.4
	1FE	9.6	3.2	2.5	3.8	20.9	13.2	11.9	13.4	11.7	7.2	3.9	3.8
	1FF	1.8	0.1	0.0	0.6	4.9	2.6	2.1	2.5	2.3	1.0	0.2	0.1
	1FG	3.8	0.0	0.0	2.4	10.7	4.0	1.9	0.0	0.6	0.0	0.4	0.0
LVSCA	1GA	6.8	1.2	0.8	5.5	15.8	6.5	4.4	11.2	6.9	3.0	1.4	1.8
	1GB	7.7	0.6	0.3	6.7	17.0	7.8	3.4	5.9	6.3	3.3	1.0	2.8
	1GC	11.0	2.9	2.1	12.7	27.2	12.2	7.2	15.4	10.9	6.0	4.7	6.0
	1GD	6.8	1.7	1.9	7.9	12.6	5.6	2.2	4.0	2.8	2.4	1.7	3.4
	1GE	4.3	0.0	0.0	3.1	14.2	1.5	0.0	0.1	0.0	0.0	0.0	0.1
	1GF	3.0	1.7	1.8	7.5	10.0	1.5	1.4	2.0	1.2	1.8	1.7	1.6
	1GG	5.3	0.6	0.3	6.4	11.8	5.6	3.0	6.6	4.4	2.3	1.3	2.2
	1HA1	3.6	0.9	0.9	5.4	9.4	3.4	2.3	4.2	4.0	1.7	1.0	1.5
	1HA2	0.4	0.0	0.0	3.2	3.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
	1HB1	2.1	0.2	0.0	1.4	4.7	2.4	1.4	0.6	0.9	0.4	0.3	0.2
	1HB2	1.2	0.1	0.0	1.8	3.7	1.3	0.8	1.2	1.5	0.5	0.2	0.2
	1HC	1.6	0.0	0.0	0.0	3.2	2.2	0.9	0.0	0.0	0.0	0.0	0.0
	1HD	5.0	0.5	0.0	4.6	16.3	5.9	3.5	2.5	4.2	2.7	1.8	2.9
	1HE	4.2	0.3	0.0	2.1	14.3	5.3	3.6	1.3	3.6	2.6	2.0	2.3
	1HF	0.0	0.0	0.0	0.0	0.3	4.6	3.4	0.3	0.0	0.0	0.0	0.0
	1HG	0.8	0.1	0.0	2.4	7.5	2.5	1.3	0.3	0.7	0.5	0.8	0.7
	1JA	10.2	4.1	3.1	13.5	26.2	12.5	6.9	11.9	11.3	7.5	6.4	7.2
	1JB	2.0	0.7	0.5	3.4	5.7	2.7	1.4	2.2	2.6	1.8	1.4	1.5
	1JC	4.5	2.0	1.7	7.1	11.2	5.7	3.5	4.9	5.5	3.8	3.4	3.6
	1JD	3.0	1.9	1.7	4.3	6.4	3.3	2.5	3.0	3.3	2.7	2.5	2.7
	1JE	3.9	1.7	1.0	5.7	11.9	4.6	2.6	4.4	4.2	3.2	2.0	2.7
	1JF	10.4	4.8	3.6	14.4	29.4	11.6	7.1	12.2	11.4	9.1	6.8	8.5
	1JG1	2.5	0.3	0.7	2.8	10.1	3.5	1.8	1.6	2.6	1.6	1.2	1.6
	1JG2	1.1	0.6	0.9	2.6	3.4	1.3	0.5	1.3	0.8	0.6	0.7	0.7
	1KA	2.5	0.4	0.1	2.1	9.0	4.2	2.4	1.5	2.6	2.3	1.6	1.6
	1KB	12.4	4.0	1.7	12.7	53.0	18.8	10.9	8.8	11.8	10.5	6.3	7.4
	1KC	10.8	3.7	1.9	3.3	32.4	13.0	6.5	4.1	5.1	4.1	3.1	2.5
	1LA1	7.9	2.7	1.6	11.9	26.9	10.6	4.2	10.6	9.0	4.8	3.8	5.0
	1LA2	6.3	2.9	2.3	4.4	11.5	6.7	3.0	3.7	4.2	2.6	2.4	2.4
	1LA3	18.3	5.3	3.2	4.0	34.8	11.5	3.9	3.2	2.8	2.4	2.3	2.5
	1LB1	12.9	4.4	2.4	12.6	38.6	14.7	5.5	11.4	11.5	5.7	4.1	4.7
	1LB2	9.5	1.3	0.0	0.0	21.5	5.6	0.8	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2003 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	2.8	0.3	0.0	1.1	44.2	26.5	31.4	24.9	17.4	3.1	1.4	0.6
	2BB	4.5	0.5	0.0	1.8	71.1	42.6	50.5	40.0	27.9	5.0	2.3	1.0
	2BC	3.7	0.5	0.0	0.0	53.6	32.5	46.2	29.4	23.6	5.5	1.8	0.4
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.5	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	31.9	2.0	0.7	0.5	88.8	15.8	12.2	71.0	23.5	4.1	1.9	0.7
	2CC	16.1	0.6	0.0	1.1	105.2	44.7	39.7	65.3	35.7	4.0	0.6	0.0
	2D	0.0	0.0	0.0	0.0	5.8	0.0	0.0	26.1	1.3	0.0	0.0	0.3
	2EA	1.7	0.2	0.0	0.0	4.9	2.0	1.5	6.4	2.7	0.6	0.2	0.9
	2EB	2.8	0.4	0.0	0.0	8.1	3.4	2.4	10.6	4.5	0.9	0.4	1.6
	2EC	3.3	0.4	0.0	0.0	8.3	6.3	2.3	4.7	5.8	1.7	0.8	0.6
	2ED	4.7	0.6	0.0	0.0	12.7	7.5	2.9	8.8	10.0	1.9	0.5	0.3
	2EE	5.6	0.2	0.0	0.2	20.9	4.3	2.0	18.0	7.6	1.0	0.1	1.8
	2EF	3.1	0.4	0.0	0.0	8.3	4.9	1.9	5.7	6.5	1.2	0.3	0.2
	2EG1	1.4	0.1	0.0	0.0	5.7	2.5	1.0	4.7	2.8	0.8	0.3	1.0
	2EG2	4.8	0.3	0.0	0.0	19.1	8.2	3.3	15.7	9.3	2.7	1.1	3.3
	2EH	1.9	0.2	0.0	0.4	12.3	1.1	1.6	12.1	2.6	0.5	0.1	2.0
	2EJ	0.0	0.0	0.0	0.0	3.8	0.0	0.0	6.1	0.2	0.0	0.0	26.9
	2EK	0.0	0.0	0.0	0.0	9.1	1.5	1.0	9.3	3.2	0.5	0.3	12.0
	2FA	1.7	0.3	0.0	0.0	3.1	2.7	1.3	1.6	2.6	1.0	0.8	0.6
	2FB	0.4	0.1	0.0	0.0	0.8	0.7	0.3	0.4	0.7	0.3	0.2	0.2
	2FC	4.0	0.7	0.1	0.1	11.1	6.9	2.2	5.2	4.8	1.6	1.5	1.1
	2GA	1.1	0.1	0.0	0.0	3.9	2.8	1.6	2.3	2.2	0.8	0.8	0.6
	2GB	5.0	0.9	0.2	0.0	18.0	7.6	4.4	9.6	6.3	2.3	3.2	2.5
	2GC	6.5	1.2	0.2	0.7	23.3	8.6	3.2	3.7	4.4	2.6	5.5	3.2
	2GD	9.1	1.7	0.3	1.1	32.9	12.2	4.5	5.2	6.1	3.7	7.8	4.5
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	9.5	2.7	0.6	0.1	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	37.3	7.8	2.2	7.2	93.9	23.7	6.1	5.3	9.1	2.4	1.0	1.1
	2KB	4.9	1.5	0.7	0.8	12.7	4.6	1.4	1.4	2.9	1.0	0.4	0.5
	2KC	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	4.7	1.9	1.5	1.8	12.7	4.8	1.9	1.5	1.4	1.4	1.8	1.7
	3AB	1.9	0.4	0.2	0.2	4.2	1.6	0.3	0.1	0.1	0.1	0.1	0.1
	3AC	3.2	0.5	0.1	0.1	9.9	2.8	0.6	0.1	0.1	0.1	0.2	0.3
	3BA	2.8	0.6	0.4	1.0	10.1	2.3	0.6	0.3	0.3	0.3	1.2	0.9
	3BB	1.9	0.6	0.4	1.0	6.9	1.6	0.6	0.4	0.4	0.4	1.1	0.7
	3BC	6.1	2.9	2.4	3.0	20.9	7.2	3.3	2.6	2.6	2.5	4.3	4.0
	3BD	2.1	1.0	0.9	0.9	9.7	2.7	1.2	0.9	0.9	0.8	1.1	1.6
	3CB	3.9	2.7	2.4	2.6	13.2	4.3	2.9	2.5	2.4	2.4	2.9	3.2
	3DA	2.8	0.5	1.4	1.0	13.3	1.5	0.6	1.6	1.6	1.5	0.8	0.3
	3DB	4.2	0.3	0.0	0.0	0.8	1.2	0.1	0.0	0.0	0.0	2.1	3.1
	3EA	4.3	0.6	0.1	0.1	8.8	1.8	0.3	0.0	0.0	0.0	0.0	0.2
	3EB	5.1	0.4	0.0	0.0	3.1	1.3	0.1	0.0	0.0	0.0	0.0	1.4
	3EC	5.7	0.3	0.0	0.0	2.2	1.3	0.1	0.0	0.0	0.0	0.4	2.4
	3ED	2.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	3FA	5.6	1.7	1.0	0.6	0.5	2.0	1.4	1.0	1.1	1.1	0.8	2.6
	3FB	5.5	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.1
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	1.2	0.3	0.2	0.3	3.4	1.2	0.3	0.1	0.1	0.1	0.3	0.2
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2003 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.8	1.3	1.1	2.8	12.1	4.0	1.4	1.1	1.1	1.9	7.6	6.0
	4AB	5.2	2.2	1.7	3.1	18.1	6.4	2.6	2.2	2.5	3.3	8.3	5.6
	4AC	6.1	3.0	2.4	3.6	17.5	7.6	3.5	3.2	3.4	3.4	8.0	6.2
	4AD	7.2	3.1	2.5	5.0	24.2	9.6	3.8	3.4	3.9	4.6	11.3	6.8
	4BA	1.6	0.6	0.4	0.7	9.8	2.9	0.7	0.4	0.4	0.3	2.8	2.5
	4BB	3.7	1.3	1.1	4.2	18.3	5.8	1.6	1.5	1.8	2.8	8.3	3.3
	4BC	1.2	1.7	1.6	0.0	0.0	1.5	1.8	1.3	1.0	0.0	0.0	4.7
	4BD	6.5	2.5	2.1	7.0	31.5	10.1	2.9	2.8	3.2	4.7	13.7	5.7
	4BE	7.4	3.2	2.5	5.6	31.9	10.7	3.7	3.0	3.6	3.5	11.1	6.2
	4BF	3.1	2.4	2.3	2.5	14.3	3.4	2.5	2.3	2.3	2.3	2.5	3.0
	4BG	2.8	1.5	1.2	0.0	11.2	3.8	1.6	1.0	1.3	0.0	0.9	2.1
	4CA	10.2	6.4	5.7	8.4	30.5	12.9	7.3	6.9	7.3	7.2	13.8	8.4
	4CB	6.5	4.2	3.9	5.6	19.9	8.1	4.7	4.4	4.5	4.6	8.1	5.7
	4CC	6.0	3.3	2.9	2.1	24.7	5.7	3.4	2.9	2.9	2.6	2.9	3.6
	4DA	5.5	3.9	3.6	4.1	26.1	8.2	4.6	4.0	3.8	3.6	8.3	8.2
	4DB	2.3	1.2	1.0	4.2	17.1	3.4	1.5	1.3	1.2	2.2	8.3	5.0
	4DC	2.3	1.3	1.0	4.2	15.3	3.3	1.5	1.3	1.3	2.3	8.1	4.8
	4DD	0.7	0.4	0.3	0.0	1.8	1.0	0.5	0.3	0.3	0.1	0.2	0.5
	4DE	2.5	1.0	0.6	0.0	4.3	3.3	1.0	0.4	0.6	0.0	0.0	1.8
	4EA	7.2	4.5	4.1	28.8	35.7	6.9	4.5	4.2	4.0	10.6	40.3	17.1
	4EB	9.2	5.6	6.2	32.9	54.8	10.5	5.9	6.0	5.7	14.2	46.9	22.5
	4EC	6.2	4.9	4.5	6.7	22.0	6.8	5.1	4.7	4.6	4.5	11.6	10.4
	4ED	15.7	9.0	7.1	4.6	37.9	14.1	8.3	6.5	6.4	5.0	21.2	45.1
	4FA	14.2	5.6	5.5	40.2	66.6	12.8	5.7	5.0	4.7	11.9	71.1	41.0
	4FB	8.8	3.1	1.7	10.4	45.4	9.3	3.0	1.5	1.7	0.0	40.0	28.2
	4GA	9.1	4.8	3.4	1.3	32.6	10.4	5.1	3.5	3.3	0.7	11.5	17.8
	4GB	3.3	0.0	0.0	0.0	8.0	4.2	0.0	0.0	0.0	0.0	0.0	6.7
	4GC	2.1	0.0	0.0	0.0	1.9	2.3	0.0	0.0	0.0	0.0	0.0	3.5
	4GD	3.8	0.0	0.0	0.0	1.9	4.1	0.0	0.0	0.0	0.0	0.0	5.8
	4GE	2.3	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	3.2
	4GF	22.5	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	39.9
	4GG	8.4	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	5.5
	4HA	21.6	8.2	5.8	4.9	5.5	5.9	5.1	4.6	4.5	4.4	24.4	22.5
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	7.7	0.0	0.0	0.0	5.9	8.4	0.0	0.0	0.0	0.0	0.0	12.4
	4JB	3.0	0.0	0.0	0.0	2.3	3.3	0.0	0.0	0.0	0.0	0.0	4.9
	4KA	4.8	0.0	0.0	0.0	3.7	5.3	0.0	0.0	0.0	0.0	0.0	7.8
	4KB	8.2	0.0	0.0	0.0	6.3	9.0	0.0	0.0	0.0	0.0	0.0	13.3
ENNCA	5AA	4.5	0.5	0.3	1.9	15.5	2.9	2.5	11.6	4.5	1.0	0.8	1.6
	5AB	1.7	0.1	0.1	1.8	8.3	0.9	0.8	5.0	1.2	0.2	0.3	0.7
	5AC	0.5	0.0	0.0	0.2	8.2	0.7	0.3	1.1	0.8	0.1	0.1	1.7
	5AD	0.6	0.1	0.0	0.9	9.1	0.9	0.1	1.5	1.1	0.1	0.1	0.4
	5BA	1.2	0.2	0.1	0.7	5.4	1.5	0.2	0.3	0.4	0.3	1.8	1.8
	5BB	3.1	0.3	0.2	3.7	13.7	2.4	0.6	3.5	1.7	0.7	3.4	2.7
	5BC-1	6.9	0.8	0.5	9.4	41.6	5.5	1.4	8.7	5.3	0.9	6.5	7.2
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	2.3	0.4	0.3	2.7	15.4	1.7	0.9	4.7	2.4	0.5	0.7	1.3
	5BE	3.9	0.3	0.1	13.6	19.7	2.4	0.3	0.9	1.1	4.8	16.1	8.3
	5CA	0.1	0.1	0.1	0.8	16.0	1.7	0.4	1.4	1.8	0.2	0.2	7.2
	5CB	0.0	0.0	0.0	0.0	4.3	1.4	0.3	0.0	0.2	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	9.4	1.9	0.5	0.4	0.8	0.0	0.0	0.8
	5DA	7.6	1.3	0.4	23.3	28.3	3.0	1.0	0.0	1.0	6.7	37.3	17.5
	5DB	1.0	0.2	0.0	1.6	5.9	0.8	0.2	0.2	0.2	0.1	2.4	1.9
	5DC	0.9	0.2	0.0	0.0	1.4	0.8	0.2	0.0	0.7	0.0	0.4	0.9
	5DD	0.9	0.1	0.0	0.0	0.9	0.7	0.1	0.0	0.8	0.0	0.2	0.8
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	14.0	0.0	0.0	0.0	65.1	5.0	0.0	0.0	0.0	0.0	30.3	29.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2004 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.3	0.3	0.3	0.7	2.5	1.0	0.6	1.0	1.2	1.5	2.7	0.9
	1AB	0.8	0.7	0.7	1.8	5.5	2.4	1.6	2.6	2.4	2.3	4.7	2.2
	1AC	0.0	0.0	0.0	0.0	0.8	0.4	0.1	0.2	0.2	0.3	0.7	0.3
	1AD	0.5	0.4	0.4	0.7	3.0	1.3	0.7	0.9	1.3	2.4	3.5	1.4
	1AE	0.3	0.3	0.2	0.3	1.0	0.5	0.3	0.4	0.7	1.3	1.6	0.6
	1AF	0.7	0.6	0.6	1.2	3.0	1.5	0.9	1.1	1.5	2.3	3.5	1.5
	1AG	0.4	0.3	0.3	0.7	2.3	1.2	0.6	0.7	0.9	1.9	2.7	1.1
	1AH	0.3	0.2	0.2	0.6	1.9	0.8	0.4	0.6	1.3	2.6	3.3	0.7
	1BA	0.3	0.2	0.2	3.1	6.6	1.1	1.4	5.1	1.4	1.3	5.3	1.5
	1BB	1.5	1.4	1.4	9.0	20.7	4.4	4.4	16.0	4.7	4.1	14.9	4.7
	1BC	0.6	0.6	0.6	0.9	5.3	2.2	1.7	4.1	2.6	1.8	3.5	2.3
	1BD	1.5	1.5	1.5	1.5	5.1	3.0	2.4	3.8	3.3	2.9	3.7	3.2
	1BE	0.7	0.6	0.5	0.6	8.8	5.1	3.1	6.2	5.8	3.7	7.0	5.3
	1BG	1.9	1.8	1.8	2.3	9.9	5.6	4.2	6.8	6.6	5.1	8.1	5.8
	1BH	1.1	1.1	1.0	1.9	7.0	4.0	2.8	4.7	4.1	3.4	5.8	3.7
	1CA	1.5	1.5	1.5	2.5	7.6	2.8	2.5	4.4	3.0	3.0	3.2	2.5
	1CB	1.2	1.2	1.2	3.2	8.8	2.9	2.7	5.4	3.2	3.5	3.1	2.4
	1CC	2.9	2.9	2.8	7.5	10.1	4.8	5.4	8.5	5.0	6.0	6.0	4.8
	1CD	4.3	4.2	4.2	8.2	22.5	8.8	8.4	14.9	9.9	10.4	10.2	7.7
	1CE	1.2	1.2	1.2	1.3	3.2	2.3	2.1	3.1	2.8	2.5	2.3	2.1
	1DA	2.3	2.2	2.2	3.2	7.5	4.6	3.7	5.2	5.1	4.6	4.8	4.0
	1DB	3.5	3.4	3.3	6.0	12.0	7.1	5.3	7.9	6.6	6.2	9.9	6.2
	1DC	1.6	1.5	1.5	1.7	4.7	3.1	2.2	2.4	2.8	3.0	3.4	2.9
	1DD	1.9	1.8	1.8	2.2	4.8	3.2	2.3	2.4	2.7	3.5	4.2	3.0
	1EA	4.3	4.1	4.0	6.5	11.0	6.7	5.8	7.7	7.9	7.9	7.4	6.0
	1EB	3.6	3.5	3.5	4.4	7.0	5.3	4.3	4.7	5.3	6.1	5.6	4.6
	1EC	2.2	2.2	2.1	2.5	4.3	3.2	2.7	3.0	3.2	3.5	3.4	2.9
	1ED	0.8	0.8	0.8	1.1	1.8	1.3	1.0	1.0	1.2	1.8	1.8	1.3
	1EE	0.5	0.6	0.6	0.7	2.7	1.7	0.8	0.5	1.2	4.2	4.6	2.2
	1EF	0.0	0.0	0.0	0.0	1.9	0.2	0.0	0.0	0.2	3.8	5.5	1.6
	1EG	1.0	0.9	0.9	2.0	4.3	2.9	1.8	1.6	2.2	6.0	6.4	3.2
	1FA	0.2	0.2	0.2	2.4	2.4	1.2	1.5	2.7	1.4	1.5	2.0	1.6
	1FB	2.1	1.9	1.9	7.7	9.3	4.6	4.4	6.6	5.5	5.7	6.5	4.2
	1FC	1.4	1.3	1.2	3.9	5.6	2.4	2.3	3.2	3.1	3.4	3.4	2.4
	1FD	1.9	1.7	1.7	9.6	9.3	4.3	4.6	6.5	5.1	5.0	7.0	4.8
	1FE	3.3	3.0	2.8	8.1	13.2	6.0	4.3	5.8	7.6	9.4	8.2	5.7
	1FF	0.0	0.0	0.0	1.0	3.0	0.8	0.2	0.2	1.0	2.1	1.7	0.9
	1FG	0.0	0.0	0.0	0.0	4.1	0.4	0.0	0.0	0.4	6.1	11.0	1.0
LVSCA	1GA	1.3	1.0	0.9	13.3	8.0	3.3	4.3	8.4	4.0	4.4	7.3	6.3
	1GB	1.3	0.7	0.4	17.5	9.5	1.6	1.5	3.5	3.2	2.2	6.1	3.2
	1GC	4.1	3.1	2.7	18.7	14.1	5.3	4.4	9.9	7.5	7.2	8.2	7.1
	1GD	2.3	1.7	2.1	15.7	7.3	1.8	1.8	2.5	2.6	1.7	3.1	2.4
	1GE	0.0	0.0	0.0	6.7	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1GF	1.5	1.7	2.0	13.2	4.9	1.6	2.0	2.0	1.7	1.1	1.8	1.5
	1GG	1.3	0.7	0.5	11.0	6.6	2.0	1.8	4.8	3.0	2.6	4.2	3.1
	1HA1	1.3	1.1	0.9	7.9	5.8	1.1	0.9	1.4	3.0	2.5	2.7	1.8
	1HA2	0.0	0.0	0.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HB1	0.1	0.0	0.0	0.1	2.0	0.8	0.3	0.1	0.2	1.2	3.1	1.5
	1HB2	0.2	0.2	0.1	1.6	2.3	0.4	0.1	0.1	0.3	1.0	1.2	0.8
	1HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HD	1.2	0.7	0.8	10.2	9.4	2.9	0.5	0.7	4.7	3.7	3.4	3.9
	1HE	0.6	0.1	0.1	3.2	7.8	3.1	0.5	0.0	1.9	4.0	4.8	4.2
	1HF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HG	0.1	0.0	0.0	0.0	2.8	1.1	0.2	0.0	0.0	0.1	3.0	1.9
	1JA	5.4	5.4	6.9	21.2	18.3	7.0	4.8	6.7	7.6	7.1	6.5	6.1
	1JB	1.1	1.0	1.5	5.2	4.4	1.4	1.0	1.3	1.7	1.6	1.3	1.1
	1JC	2.6	2.4	2.5	9.0	7.3	3.0	2.5	3.6	4.0	3.6	3.5	2.7
	1JD	2.2	2.1	2.1	5.6	4.4	2.3	2.1	2.4	2.9	2.6	2.5	2.2
	1JE	2.4	2.7	5.4	12.6	11.3	3.7	1.6	2.3	4.1	3.1	2.5	3.5
	1JF	6.6	6.9	10.3	27.7	31.3	9.5	5.3	7.1	9.2	7.8	6.9	8.0
	1JG1	0.7	0.6	0.7	6.7	7.3	1.7	0.5	0.7	1.7	2.0	1.1	1.1
	1JG2	0.6	0.8	0.8	3.8	2.8	0.7	0.6	0.7	0.8	0.9	0.6	0.7
	1KA	0.6	0.4	1.1	2.8	5.2	2.7	0.6	0.7	3.1	2.4	3.1	3.4
	1KB	5.0	4.5	8.5	17.3	39.9	15.9	4.3	4.8	12.7	10.1	11.2	17.5
	1KC	2.1	1.9	2.3	6.4	39.6	14.8	4.5	3.2	4.2	8.3	7.0	12.4
	1LA1	3.5	4.4	9.5	26.0	24.2	7.7	3.2	4.7	5.6	4.6	3.6	4.8
	1LA2	2.1	2.3	5.1	12.5	16.6	8.1	2.9	2.6	4.8	5.0	3.5	4.9
	1LA3	2.3	2.7	2.6	12.1	28.7	7.7	2.4	1.5	1.4	1.4	1.2	1.3
	1LB1	3.6	4.6	12.4	39.6	46.9	11.5	4.1	4.5	5.9	4.9	3.6	5.0
	1LB2	0.0	0.0	0.0	4.6	22.4	4.4	0.2	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2004 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.1	0.0	0.0	0.0	18.5	3.6	3.4	21.8	5.4	2.6	10.8	3.4
	2BB	0.2	0.0	0.0	0.0	29.8	5.8	5.5	35.0	8.8	4.2	17.4	5.4
	2BC	0.0	0.0	0.0	0.0	11.9	4.5	3.0	11.5	5.2	3.1	9.0	4.1
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.0	0.0	0.0	16.5	75.1	6.6	4.5	32.4	6.7	11.5	15.6	5.7
	2CC	0.0	0.0	0.0	1.9	72.4	10.0	5.8	50.5	11.1	7.5	41.2	10.7
	2D	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.3	0.1	0.0	0.2	1.7	0.5	0.3	1.1	0.6	0.2	0.3	0.3
	2EB	0.5	0.2	0.0	0.4	2.8	0.8	0.5	1.7	1.0	0.4	0.5	0.5
	2EC	0.2	0.1	0.0	0.5	2.1	1.1	0.3	0.6	0.4	0.2	0.2	0.2
	2ED	0.0	0.0	0.0	0.2	3.0	1.0	0.5	2.5	2.0	1.7	1.5	1.5
	2EE	0.2	0.0	0.0	3.3	8.3	1.2	1.0	6.3	1.7	2.9	2.3	3.0
	2EF	0.0	0.0	0.0	0.1	1.9	0.7	0.3	1.6	1.3	1.1	1.0	1.0
	2EG1	0.2	0.1	0.0	0.5	1.4	0.5	0.1	0.4	0.4	0.2	0.3	0.3
	2EG2	0.7	0.2	0.0	1.8	4.7	1.6	0.2	1.2	1.2	0.6	0.9	1.0
	2EH	0.3	0.0	0.0	2.6	6.7	0.6	0.3	1.2	0.6	0.5	1.2	0.8
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	1.0	0.4	0.2	0.2	2.6	0.3	0.0	0.2	0.1	0.0	0.0	0.1
	2FA	0.2	0.1	0.0	0.5	1.6	0.7	0.4	0.6	0.5	0.3	0.4	0.3
	2FB	0.1	0.0	0.0	0.1	0.4	0.2	0.1	0.2	0.1	0.1	0.1	0.1
	2FC	0.4	0.2	0.1	1.7	3.9	1.3	0.6	0.6	0.5	0.4	0.4	0.4
	2GA	0.1	0.1	0.0	0.6	2.0	0.7	0.4	0.6	0.3	0.2	0.3	0.2
	2GB	0.9	0.7	0.4	4.3	9.2	2.6	1.9	3.0	1.4	1.1	2.7	1.6
	2GC	0.8	0.5	0.4	7.1	14.1	3.0	1.2	0.7	0.3	0.4	4.1	2.5
	2GD	1.1	0.8	0.6	10.0	19.9	4.2	1.7	0.9	0.4	0.5	5.8	3.5
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.5	0.7	2.3	32.0	50.8	10.6	2.2	1.0	0.9	0.7	0.6	1.0
	2KB	0.2	0.3	0.9	2.3	4.6	1.1	0.9	0.4	0.4	0.3	0.2	0.4
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.6	1.6	1.6	3.8	9.5	2.2	1.5	1.4	1.4	1.4	1.7	1.7
	3AB	0.1	0.1	0.1	0.3	1.7	0.4	0.1	0.1	0.1	0.1	0.1	0.1
	3AC	0.1	0.1	0.1	0.9	4.6	0.7	0.2	0.1	0.1	0.1	0.1	0.3
	3BA	0.6	0.6	0.6	3.3	7.0	0.8	0.4	0.3	0.3	0.4	0.9	0.9
	3BB	0.6	0.6	0.6	2.6	5.0	0.7	0.4	0.4	0.4	0.5	0.9	0.8
	3BC	2.7	2.7	2.5	8.5	14.7	3.5	2.6	2.4	2.3	2.3	2.6	3.2
	3BD	1.0	0.9	0.9	3.8	5.9	1.3	0.9	0.9	0.8	0.8	0.9	1.3
	3CB	2.6	2.6	2.5	5.4	8.9	2.8	2.5	2.4	2.4	2.4	2.6	2.8
	3DA	0.9	1.3	1.4	1.5	3.1	0.4	1.4	1.5	1.6	1.5	1.2	0.4
	3DB	0.4	0.1	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	3.5
	3EA	0.1	0.0	0.0	0.2	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.4
	3EB	0.4	0.0	0.0	0.7	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	0.4	0.0	0.0	1.1	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	1.4	1.4	1.2	0.3	1.7	1.4	1.2	1.0	1.1	1.0	0.9	1.4
	3FB	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.2	0.2	0.2	0.6	2.2	0.4	0.2	0.1	0.1	0.1	0.3	0.2
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2004 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.0	1.5	1.1	2.2	4.8	1.3	1.1	1.0	1.0	1.0	7.5	3.6
	4AB	2.6	2.1	1.8	3.2	9.0	2.6	1.9	1.7	1.7	1.7	6.1	5.0
	4AC	3.2	2.8	2.6	4.7	10.0	3.5	2.7	2.4	2.4	2.5	6.3	5.6
	4AD	3.3	2.9	2.6	7.5	14.1	3.9	2.7	2.5	2.4	2.5	8.8	6.5
	4BA	0.8	0.5	0.4	0.5	3.1	0.7	0.4	0.4	0.4	0.4	2.8	2.4
	4BB	1.4	1.3	1.1	6.0	10.1	1.6	1.2	1.1	1.1	1.2	6.6	4.0
	4BC	2.5	1.9	1.7	0.0	0.0	1.6	1.6	1.6	1.6	1.4	0.4	2.8
	4BD	2.6	2.3	2.1	9.9	17.1	3.0	2.2	2.1	2.0	2.2	11.0	7.1
	4BE	3.1	2.7	2.5	10.2	17.9	4.0	2.7	2.4	2.3	2.4	7.5	7.9
	4BF	2.4	2.3	2.2	4.8	6.8	2.5	2.3	2.2	2.2	2.2	2.7	3.2
	4BG	1.2	1.1	1.0	0.0	3.7	1.7	1.2	1.1	1.1	0.9	0.1	2.3
	4CA	6.2	6.1	5.9	15.8	20.4	7.4	6.1	5.7	5.6	5.8	8.9	8.8
	4CB	4.2	4.1	3.9	10.3	13.1	4.8	4.1	3.9	3.8	4.0	5.4	6.0
	4CC	3.0	2.9	2.8	4.7	9.6	3.7	3.0	2.9	2.8	2.7	2.7	4.3
	4DA	4.6	3.9	3.6	4.8	7.6	4.0	3.6	3.4	3.4	3.3	15.4	8.3
	4DB	1.9	1.3	1.1	4.0	4.4	1.4	1.0	0.9	0.8	0.8	13.4	4.7
	4DC	1.9	1.4	1.2	3.9	4.2	1.5	1.1	1.0	0.9	0.9	12.7	4.5
	4DD	0.5	0.4	0.3	0.1	0.4	0.3	0.3	0.2	0.2	0.2	1.0	1.4
	4DE	0.6	0.5	0.4	0.0	1.8	0.9	0.5	0.4	0.4	0.2	0.0	1.9
	4EA	8.9	5.1	4.3	19.5	13.9	4.6	4.2	4.0	3.9	6.3	52.2	20.5
	4EB	9.7	6.3	5.8	25.1	18.3	6.0	5.6	5.5	5.4	10.3	59.5	19.7
	4EC	5.9	5.0	4.6	6.3	7.8	5.0	4.5	4.4	4.3	4.2	18.7	8.9
	4ED	16.7	9.7	7.4	7.1	10.7	7.2	6.3	6.1	6.0	5.9	52.2	38.7
	4FA	18.7	8.5	5.6	26.1	25.3	6.1	4.9	4.6	4.5	10.5	103.3	60.0
	4FB	9.8	4.6	2.1	9.2	14.1	3.7	1.9	1.6	1.5	0.0	77.6	36.2
	4GA	7.5	5.1	3.6	0.7	7.5	4.2	3.2	2.9	2.8	1.2	38.9	29.5
	4GB	0.5	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	3.5	11.9
	4GC	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.9
	4GD	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	3.8
	4GE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	4GF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.1
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
	4HA	9.3	6.9	5.6	5.0	5.0	4.6	4.4	4.4	4.4	4.3	15.1	24.7
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	7.1
	4JB	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.8
	4KA	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	4.5
	4KB	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	7.6
ENNCA	5AA	1.9	0.9	0.3	2.8	5.3	0.8	0.7	4.5	1.5	0.5	1.4	1.1
	5AB	1.4	0.4	0.1	1.6	2.3	0.2	0.2	2.3	0.4	0.1	0.6	0.3
	5AC	0.5	0.3	0.0	0.4	1.9	0.2	0.1	0.4	0.3	0.0	0.1	0.2
	5AD	1.0	0.6	0.1	0.3	1.3	0.2	0.1	0.3	0.3	0.0	0.0	0.1
	5BA	0.4	0.3	0.1	0.3	2.0	0.3	0.1	0.1	0.1	0.1	1.3	1.0
	5BB	1.0	0.8	0.3	2.1	5.1	0.5	0.3	0.3	0.3	0.3	3.8	1.9
	5BC-1	4.4	2.7	0.7	4.2	11.9	1.3	0.8	2.4	1.3	0.7	6.3	4.1
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	2.2	1.2	0.4	1.8	3.5	0.6	0.5	1.9	0.9	0.4	1.0	0.8
	5BE	1.8	1.1	0.3	3.5	8.3	0.5	0.2	0.3	0.2	0.5	18.2	6.1
	5CA	1.6	0.4	0.1	0.1	2.7	0.4	0.2	0.2	0.1	0.1	0.1	0.1
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	4.9	2.2	0.7	8.6	10.0	1.1	0.4	0.0	0.3	4.2	43.4	24.7
	5DB	0.9	0.3	0.1	0.2	1.0	0.1	0.0	0.0	0.0	0.0	1.3	1.2
	5DC	0.2	0.5	0.1	0.0	0.7	0.2	0.1	0.2	0.3	0.0	0.4	0.6
	5DD	0.0	0.5	0.0	0.0	0.5	0.1	0.0	0.1	0.2	0.0	0.0	0.5
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	41.3	51.2
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	6.8

Monthly Surface Water by Sub-basin

Year 2005 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.3	0.3	3.0	2.2	1.4	0.7	0.8	1.3	1.3	0.4
	1AB	1.2	0.8	0.7	0.9	5.9	4.1	3.5	1.9	2.5	2.7	2.6	1.0
	1AC	0.0	0.0	0.0	0.0	0.8	0.9	0.4	0.1	0.1	0.3	0.4	0.0
	1AD	0.5	0.3	0.3	0.4	2.7	2.8	1.7	0.8	0.6	1.1	1.7	0.5
	1AE	0.2	0.2	0.2	0.2	0.9	1.1	0.7	0.4	0.4	0.7	0.8	0.3
	1AF	0.7	0.5	0.5	0.6	2.8	3.0	1.8	1.1	1.1	1.5	1.7	0.8
	1AG	0.4	0.2	0.2	0.3	2.1	2.5	1.4	0.8	0.8	1.0	1.2	0.4
	1AH	0.2	0.1	0.1	0.1	2.1	2.1	1.1	0.6	0.5	1.3	1.2	0.3
	1BA	0.7	0.4	0.3	0.7	8.4	3.8	2.6	2.0	3.9	1.3	0.7	0.4
	1BB	2.3	1.8	1.6	1.9	22.0	12.5	9.4	6.6	11.4	4.6	2.7	1.7
	1BC	1.2	0.7	0.6	0.6	4.0	5.0	4.5	2.9	3.1	2.5	1.7	0.8
	1BD	2.0	1.6	1.5	1.5	3.0	5.0	3.9	3.4	3.5	3.0	2.2	1.6
	1BE	2.2	1.0	0.5	0.6	6.1	11.8	10.8	6.4	5.5	5.9	3.9	1.2
	1BG	3.2	2.2	1.8	2.2	10.1	9.4	9.3	6.0	6.4	5.6	4.5	2.3
	1BH	2.1	1.3	1.1	1.4	7.7	6.4	5.7	3.6	4.2	3.7	3.2	1.4
	1CA	1.8	1.6	1.6	1.7	4.4	4.3	3.1	3.9	4.7	2.7	1.8	1.6
	1CB	1.6	1.4	1.3	1.5	5.0	4.7	3.2	4.5	5.7	2.6	1.6	1.2
	1CC	3.7	3.3	3.2	3.9	9.7	7.0	5.9	6.6	8.4	4.4	3.6	3.0
	1CD	5.3	4.6	4.5	5.4	15.2	13.4	9.6	11.8	14.0	7.8	5.4	4.3
	1CE	1.5	1.2	1.2	1.3	2.9	3.3	2.1	1.9	2.2	1.9	1.6	1.2
	1DA	2.8	2.3	2.2	3.2	7.2	6.6	4.1	3.6	3.8	3.5	3.1	2.3
	1DB	4.6	3.6	3.3	4.2	12.9	10.3	8.6	5.8	7.3	6.7	6.2	3.8
	1DC	2.0	1.6	1.5	1.7	3.8	5.0	3.1	2.5	2.4	2.6	2.4	1.7
	1DD	2.1	1.7	1.7	1.9	4.0	5.2	3.3	2.7	2.6	2.7	2.8	2.0
	1EA	4.8	4.3	4.4	6.7	10.2	8.6	6.7	6.8	6.6	5.3	4.6	4.0
	1EB	3.8	3.5	3.5	4.3	7.1	6.4	4.9	5.4	5.6	4.3	3.7	3.5
	1EC	2.4	2.2	2.1	2.6	4.1	3.9	3.0	2.9	2.9	2.6	2.4	2.1
	1ED	0.9	0.8	0.8	0.9	1.8	1.9	1.3	1.2	1.2	1.2	1.1	0.8
	1EE	0.6	0.6	0.6	0.4	1.9	4.4	1.7	1.4	0.7	1.4	1.7	0.6
	1EF	0.0	0.0	0.0	0.0	0.0	4.2	0.5	0.4	0.0	1.1	1.5	0.0
	1EG	1.3	0.8	0.9	1.4	4.5	5.8	2.7	2.4	2.5	2.4	2.3	1.0
	1FA	0.6	0.5	0.6	0.9	3.5	2.0	1.7	1.7	2.8	0.9	0.6	0.2
	1FB	2.7	2.6	3.5	4.2	8.9	6.6	5.5	4.9	5.7	3.6	2.9	1.9
	1FC	1.8	1.6	1.9	2.8	4.4	3.9	2.9	2.7	2.5	2.1	1.9	1.3
	1FD	2.9	2.6	3.5	4.3	8.8	6.9	5.6	4.3	5.6	3.8	3.2	1.8
	1FE	4.0	3.5	3.8	6.8	10.6	10.2	6.1	6.6	6.2	4.4	3.7	2.8
	1FF	0.3	0.1	0.0	0.8	2.8	2.1	0.7	0.8	0.9	0.4	0.1	0.0
	1FG	0.0	0.0	0.0	0.0	2.8	5.3	0.0	0.2	2.3	1.7	1.3	0.0
LVSCA	1GA	2.3	1.7	2.7	4.7	10.9	6.6	5.0	5.1	9.3	2.7	1.9	0.9
	1GB	2.0	2.3	4.1	3.9	5.7	4.6	2.8	2.0	2.5	1.7	1.9	0.4
	1GC	4.3	3.4	5.8	9.8	14.4	11.7	8.2	12.1	16.1	5.4	3.8	2.4
	1GD	1.8	2.2	4.4	3.8	4.2	3.9	2.6	3.3	3.2	1.7	1.8	1.9
	1GE	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1GF	1.9	1.6	2.0	1.5	2.4	1.3	1.6	1.7	1.6	1.9	1.8	1.9
	1GG	1.5	0.9	3.1	4.4	6.8	5.6	3.3	4.1	6.6	1.8	1.1	0.4
	1HA1	1.4	1.4	1.9	2.7	6.0	2.7	1.5	1.5	1.4	1.0	1.1	1.0
	1HA2	0.0	0.1	0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	1HB1	0.5	0.1	0.0	0.2	2.2	2.5	0.7	0.5	0.8	0.7	0.8	0.1
	1HB2	0.5	0.2	0.2	0.7	2.4	1.3	0.4	0.3	0.3	0.1	0.1	0.0
	1HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.0
	1HD	1.9	0.6	0.6	5.1	5.5	5.5	2.6	1.2	2.9	1.2	0.7	0.0
	1HE	1.7	0.2	0.0	2.6	6.2	4.7	1.9	0.9	2.9	1.6	0.6	0.0
	1HF	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HG	0.4	0.0	0.1	1.0	3.7	1.5	0.4	0.2	1.6	1.2	1.1	0.1
	1JA	4.4	4.0	6.0	12.5	12.7	12.0	8.5	8.3	11.3	6.1	5.0	3.5
	1JB	0.7	0.6	1.5	3.1	2.6	3.0	2.0	1.5	1.9	1.1	1.0	0.6
	1JC	2.1	2.1	3.8	5.7	6.0	5.8	4.3	4.7	5.0	2.8	2.6	1.8
	1JD	1.9	1.9	2.6	3.6	3.3	3.6	2.9	2.7	3.1	2.2	2.2	1.8
	1JE	2.2	1.3	2.4	7.1	4.2	6.0	3.2	1.3	1.9	1.7	1.3	0.8
	1JF	5.5	4.3	6.4	15.2	11.0	13.8	9.0	5.7	9.6	7.4	5.6	3.8
	1JG1	0.6	0.5	0.6	3.1	2.2	2.6	1.9	1.0	1.7	0.9	0.6	0.6
	1JG2	0.6	0.7	0.8	1.5	1.0	1.3	0.7	0.8	0.8	0.8	0.6	1.0
	1KA	1.1	0.4	0.9	3.3	4.0	3.5	1.4	0.9	2.7	1.0	0.5	0.1
	1KB	8.5	4.4	6.4	19.3	21.7	20.8	9.5	4.3	10.4	6.6	5.4	1.8
	1KC	10.7	5.2	5.4	18.8	15.3	18.0	11.4	3.8	4.1	4.0	3.7	2.1
	1LA1	2.9	2.3	3.4	11.9	12.1	9.1	5.7	4.3	7.6	3.8	3.0	1.9
	1LA2	4.1	3.0	3.3	10.1	7.2	8.1	5.3	2.4	2.9	2.7	2.3	2.3
	1LA3	1.4	1.4	1.4	4.4	10.8	10.6	4.2	2.2	2.2	1.7	2.1	2.1
	1LB1	3.8	2.7	3.6	14.0	13.8	11.4	6.8	5.2	7.4	4.1	3.1	2.2
	1LB2	0.0	0.0	0.0	0.0	2.2	6.2	1.7	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2005 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.4	0.7	0.2	0.0	12.2	15.1	9.6	6.0	15.2	5.1	1.8	0.9
	2BB	2.3	1.1	0.3	0.0	19.7	24.2	15.4	9.6	24.4	8.3	2.9	1.4
	2BC	1.5	0.1	0.0	0.0	9.5	15.7	13.0	7.2	17.3	9.0	5.0	1.2
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	2.3	0.9	0.2	0.0	47.7	34.9	14.0	25.4	70.4	7.7	3.3	1.6
	2CC	2.6	0.4	0.0	0.0	48.7	46.7	24.8	19.1	49.7	11.9	3.2	0.6
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	46.5	0.0	0.0	0.0
	2EA	0.1	0.0	0.0	0.0	0.1	1.3	2.1	3.8	5.4	1.1	0.4	0.1
	2EB	0.1	0.0	0.0	0.0	0.0	2.2	3.4	6.2	8.9	1.9	0.6	0.2
	2EC	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.7	5.1	2.3	1.0	0.3
	2ED	0.6	0.0	0.0	0.0	1.9	5.6	3.8	7.5	14.8	5.2	1.5	0.3
	2EE	0.9	0.0	0.0	0.1	8.1	8.4	3.6	12.9	22.3	3.1	0.8	0.0
	2EF	0.4	0.0	0.0	0.0	1.2	3.7	2.5	4.9	9.7	3.4	1.0	0.2
	2EG1	0.1	0.0	0.0	0.0	0.1	0.8	0.6	3.2	5.9	1.5	0.6	0.2
	2EG2	0.3	0.0	0.0	0.0	0.4	2.7	2.1	10.8	19.6	4.9	2.0	0.6
	2EH	0.2	0.0	0.0	0.0	3.6	2.6	1.7	5.3	11.9	1.1	0.4	0.1
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	9.6	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	2.2	3.2	10.8	12.2	1.5	0.6	0.3
	2FA	0.1	0.0	0.0	0.0	0.1	0.9	1.0	1.3	2.3	1.3	1.0	0.3
	2FB	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.6	0.3	0.2	0.1
	2FC	0.2	0.1	0.0	0.0	0.6	2.3	1.4	3.9	7.2	2.6	1.4	0.5
	2GA	0.0	0.0	0.0	0.0	0.6	0.9	0.5	0.9	1.8	1.0	0.8	0.2
	2GB	0.8	0.3	0.1	0.2	3.1	5.2	2.7	4.4	8.7	3.9	2.7	0.9
	2GC	1.1	0.6	0.3	0.5	4.5	5.3	2.1	1.4	5.0	3.3	3.1	1.0
	2GD	1.5	0.8	0.4	0.7	6.3	7.4	2.9	1.9	7.1	4.6	4.4	1.4
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.4	0.4	0.4	2.3	7.0	11.0	3.3	1.6	2.4	1.1	0.6	0.2
	2KB	0.2	0.2	0.1	1.0	2.0	1.8	1.3	0.6	0.9	0.5	0.2	0.1
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.6	1.7	1.7	2.1	6.7	5.1	2.0	1.5	1.4	1.4	1.6	1.5
	3AB	0.1	0.1	0.1	0.6	2.3	1.9	0.4	0.1	0.1	0.1	0.1	0.1
	3AC	0.2	0.2	0.1	0.2	2.1	3.6	0.7	0.2	0.1	0.1	0.1	0.1
	3BA	0.7	0.8	0.6	0.9	4.1	3.9	0.9	0.4	0.3	0.3	0.8	0.5
	3BB	0.7	0.7	0.6	0.9	3.3	2.5	0.7	0.4	0.4	0.4	0.8	0.5
	3BC	2.9	2.7	2.5	2.8	11.0	7.2	3.5	2.7	2.4	2.3	2.6	2.5
	3BD	1.1	0.9	0.9	0.9	4.9	2.9	1.3	0.9	0.9	0.8	0.8	0.8
	3CB	2.7	2.5	2.5	2.6	6.5	4.9	2.7	2.5	2.3	2.3	2.5	2.4
	3DA	0.2	0.8	1.3	1.1	0.8	2.7	0.6	1.6	1.4	1.5	1.3	1.5
	3DB	0.5	0.1	0.0	0.0	0.0	1.7	0.2	0.0	0.0	0.0	0.0	0.0
	3EA	0.4	0.1	0.0	0.5	1.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0
	3EB	0.3	0.0	0.0	0.0	1.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	1.2	1.1	1.0	1.1	0.0	3.3	1.3	1.2	1.0	1.0	1.0	1.2
	3FB	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.2	0.2	0.3	0.4	1.5	1.7	0.4	0.1	0.1	0.1	0.3	0.1
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2005 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.4	1.1	1.0	1.0	5.5	4.8	1.5	1.2	1.1	1.0	1.8	1.7
	4AB	2.7	1.8	1.7	1.7	5.8	6.5	2.6	1.9	2.1	2.2	3.3	2.6
	4AC	3.4	2.6	2.4	2.6	6.5	7.1	3.3	2.6	3.2	3.0	3.6	3.0
	4AD	3.5	2.7	2.5	2.7	9.1	8.1	3.6	2.7	3.3	3.1	4.4	3.5
	4BA	0.8	0.4	0.4	0.4	4.8	3.8	0.8	0.5	0.4	0.4	0.4	0.5
	4BB	1.5	1.2	1.1	1.1	8.8	5.0	1.6	1.2	1.2	1.2	2.6	1.6
	4BC	2.0	1.6	1.6	1.5	0.0	3.5	2.0	1.7	1.5	1.5	0.1	1.2
	4BD	2.9	2.2	2.0	2.0	15.1	9.1	3.0	2.2	2.2	2.2	4.4	2.9
	4BE	3.9	2.7	2.5	2.9	15.3	10.0	3.9	2.7	2.6	2.6	3.7	3.3
	4BF	2.5	2.2	2.2	2.2	8.0	4.6	2.5	2.2	2.2	2.2	2.1	2.1
	4BG	1.7	1.2	1.1	1.0	0.0	5.8	1.6	1.2	1.0	1.0	0.8	1.3
	4CA	6.5	5.9	5.6	6.3	15.0	10.5	6.9	5.8	6.3	5.9	6.8	6.0
	4CB	4.5	3.9	3.8	4.1	11.3	7.1	4.5	3.8	3.8	3.7	4.2	3.8
	4CC	3.6	3.0	2.8	2.7	6.6	8.0	3.6	2.9	2.7	2.7	2.7	2.8
	4DA	4.6	3.8	3.5	3.4	9.3	9.5	4.4	3.7	3.5	3.4	3.6	4.1
	4DB	1.5	1.0	0.9	0.9	6.6	4.8	1.7	1.2	1.0	0.9	3.4	2.1
	4DC	1.6	1.1	1.0	1.0	6.0	4.4	1.5	1.1	0.9	0.8	3.3	1.9
	4DD	0.6	0.4	0.3	0.3	0.0	0.8	0.4	0.3	0.3	0.2	0.2	0.3
	4DE	1.2	0.7	0.5	0.3	0.0	4.7	0.9	0.5	0.3	0.4	0.2	0.8
	4EA	5.3	4.5	4.1	4.3	15.7	9.8	4.4	4.1	4.0	3.9	21.2	7.6
	4EB	6.7	5.8	5.5	7.5	21.6	15.6	5.9	5.4	5.3	6.5	27.5	10.2
	4EC	5.3	4.6	4.4	4.3	7.0	7.1	4.9	4.4	4.2	4.1	5.7	5.9
	4ED	11.4	8.6	6.9	6.3	0.6	12.1	6.7	6.1	5.8	5.9	8.8	9.2
	4FA	9.1	6.0	4.9	6.4	14.9	16.2	5.7	4.9	4.6	5.4	28.6	12.1
	4FB	5.7	3.0	1.8	1.2	0.0	11.0	3.0	1.8	1.4	1.2	9.3	9.1
	4GA	7.0	4.5	3.5	2.9	0.0	8.0	3.2	2.9	2.7	2.5	1.5	4.6
	4GB	1.2	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	1.1
	4GC	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	1.1
	4GD	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	2.4
	4GE	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	1.7
	4GF	1.1	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	4.8
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	4HA	8.5	6.0	4.9	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.3	5.0
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.0	0.0	0.0	0.0	4.3
	4JB	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	1.7
	4KA	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	2.7
	4KB	0.0	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	0.0	4.6
ENNCA	5AA	0.4	0.2	0.2	0.2	4.8	5.2	3.3	3.6	7.9	1.7	0.8	0.4
	5AB	0.1	0.1	0.1	0.1	2.7	2.1	0.9	0.9	3.3	0.4	0.2	0.1
	5AC	0.0	0.0	0.0	0.0	1.1	1.8	0.5	0.4	1.9	0.4	0.1	0.0
	5AD	0.0	0.0	0.0	0.0	1.3	1.7	0.4	0.2	0.9	0.4	0.1	0.1
	5BA	0.3	0.1	0.1	0.1	1.2	2.0	0.3	0.2	0.3	0.3	0.4	0.3
	5BB	0.6	0.2	0.2	0.2	4.4	4.1	0.6	0.3	2.5	0.9	1.2	0.4
	5BC-1	1.0	0.6	0.5	0.6	10.8	10.7	2.1	1.3	6.0	2.5	1.6	1.0
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.3	0.3	0.3	3.6	3.5	1.2	0.9	3.2	1.1	0.6	0.4
	5BE	0.5	0.2	0.1	0.4	7.0	4.9	0.5	0.3	1.4	0.9	3.8	2.0
	5CA	0.1	0.1	0.1	0.1	3.1	4.4	1.9	4.8	17.3	3.1	0.5	0.2
	5CB	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.3	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	1.4	0.6	2.4	7.6	1.2	0.2	0.0
	5DA	2.6	0.9	0.3	0.1	4.4	3.7	0.7	0.3	0.0	0.4	7.5	2.5
	5DB	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.2	0.1	0.0	0.0	0.0	1.0	0.4	0.2	0.2	0.3	0.3	0.3
	5DD	0.2	0.0	0.0	0.0	0.0	0.9	0.3	0.2	0.0	0.4	0.1	0.2
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2006 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.3	0.3	0.4	4.4	2.6	1.9	1.1	1.4	2.7	2.0	3.7	3.2
	1AB	0.7	0.7	0.9	7.3	4.8	4.0	2.6	3.9	5.8	3.9	7.3	5.8
	1AC	0.0	0.0	0.0	1.7	1.1	0.8	0.5	0.5	1.2	0.7	1.6	1.4
	1AD	0.3	0.3	0.5	5.2	3.6	2.2	1.2	1.1	2.4	2.3	4.2	4.5
	1AE	0.2	0.2	0.3	1.6	1.3	0.7	0.4	0.4	0.7	1.1	1.5	1.7
	1AF	0.5	0.5	0.7	5.7	4.0	2.7	1.6	1.3	2.6	2.4	4.7	4.8
	1AG	0.2	0.2	0.3	5.1	3.4	2.3	1.2	0.9	1.7	1.7	3.9	4.2
	1AH	0.1	0.1	0.2	4.3	3.0	1.4	0.7	0.5	1.4	1.7	3.4	4.2
	1BA	0.2	0.2	0.3	3.3	2.3	0.9	2.2	4.7	1.9	1.7	7.9	5.0
	1BB	1.4	1.5	1.5	8.5	7.5	3.2	5.8	15.1	8.2	5.2	21.8	15.8
	1BC	0.6	0.5	0.5	0.7	2.0	1.9	1.7	4.9	5.3	3.1	6.2	5.5
	1BD	1.4	1.5	1.4	2.0	3.9	3.1	3.0	5.8	5.5	3.6	5.5	5.9
	1BE	0.5	0.5	0.5	0.6	4.2	5.0	4.3	10.2	12.8	7.9	14.4	13.0
	1BG	1.8	1.8	1.8	5.0	9.4	7.8	6.3	12.4	13.2	8.5	13.3	11.0
	1BH	1.0	1.0	1.1	6.2	7.1	5.9	4.4	7.9	8.9	6.0	9.4	7.8
	1CA	1.5	1.5	1.5	2.7	3.7	2.6	3.1	7.2	4.9	2.9	6.0	7.4
	1CB	1.2	1.2	1.3	3.8	4.3	2.8	3.8	10.1	6.3	2.9	5.7	8.1
	1CC	2.8	2.9	2.9	7.8	5.9	4.8	7.3	12.3	8.1	4.3	7.2	9.9
	1CD	4.1	4.2	4.3	13.5	12.6	9.2	11.3	24.6	18.2	8.9	15.7	20.8
	1CE	1.1	1.2	1.2	3.3	3.5	3.1	2.8	4.7	4.8	2.7	2.5	3.5
	1DA	2.1	2.1	2.7	12.0	7.9	6.7	5.2	7.5	9.9	4.8	5.7	8.5
	1DB	3.2	3.2	3.5	15.3	11.9	10.3	7.7	10.8	13.6	9.3	14.6	12.7
	1DC	1.4	1.5	1.5	7.5	6.1	4.8	3.4	3.5	5.2	3.6	5.0	6.7
	1DD	1.6	1.7	1.9	8.1	6.8	5.1	3.4	3.0	4.5	3.6	5.9	7.6
	1EA	3.8	3.9	4.3	16.5	10.1	8.7	7.9	9.8	11.4	6.4	8.2	10.6
	1EB	3.3	3.4	3.6	12.7	8.1	7.1	5.5	5.9	7.4	5.0	7.1	8.7
	1EC	2.0	2.1	2.2	6.9	4.7	4.1	3.3	3.7	4.9	3.2	4.1	4.9
	1ED	0.8	0.8	0.8	3.5	2.5	2.0	1.3	1.2	1.6	1.3	2.2	2.9
	1EE	0.5	0.5	0.6	6.3	7.4	4.1	1.3	0.9	1.3	1.3	3.6	9.0
	1EF	0.0	0.0	0.0	4.6	7.4	2.3	0.0	0.0	0.0	0.6	3.1	11.7
	1EG	0.7	0.7	1.0	11.1	9.4	6.3	2.7	2.1	2.7	2.0	6.8	11.8
	1FA	0.2	0.2	0.2	2.4	1.7	1.4	2.5	3.7	2.4	0.7	2.1	2.9
	1FB	1.7	1.6	2.3	10.5	5.9	5.4	6.9	8.8	7.5	3.6	6.8	8.5
	1FC	1.1	1.2	1.4	6.0	3.7	2.9	3.6	4.2	3.5	2.2	3.0	4.6
	1FD	1.5	1.5	1.9	10.3	5.7	5.0	7.2	7.6	5.7	3.1	6.6	8.7
	1FE	2.3	2.3	2.9	19.4	11.9	9.4	7.4	8.1	8.6	5.8	10.5	15.7
	1FF	0.0	0.0	0.0	4.3	3.0	2.2	1.1	0.9	1.0	0.7	3.3	4.7
	1FG	0.0	0.0	0.0	13.7	10.8	4.2	0.0	0.6	0.0	0.5	9.8	19.7
LVSCA	1GA	0.7	0.7	2.4	14.9	6.6	5.3	7.8	9.9	6.5	2.3	10.1	13.9
	1GB	0.2	0.2	1.0	15.2	5.0	3.9	4.3	3.2	4.0	1.2	12.5	16.0
	1GC	2.0	1.9	4.0	20.8	14.4	8.3	12.0	14.1	9.7	5.4	20.3	28.3
	1GD	1.9	2.0	2.7	10.6	5.7	4.0	4.2	4.0	3.1	2.5	14.4	17.9
	1GE	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.1	0.0	9.5	1.6
	1GF	1.5	1.2	3.3	3.0	2.2	1.5	1.3	1.7	1.7	1.7	13.1	9.2
	1GG	0.3	0.3	2.7	12.9	6.9	4.1	5.9	6.7	4.1	2.0	10.0	14.4
	1HA1	0.9	1.0	0.9	6.2	3.0	2.5	1.7	1.6	1.7	1.2	8.4	9.9
	1HA2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	4.9
	1HB1	0.0	0.0	0.0	4.3	4.5	2.4	0.9	0.5	0.3	0.2	3.1	7.8
	1HB2	0.0	0.0	0.0	2.8	2.0	1.3	0.5	0.3	0.2	0.2	3.2	4.9
	1HC	0.0	0.0	0.0	0.4	4.6	1.9	0.4	0.0	0.0	0.0	0.0	5.8
	1HD	0.0	0.0	0.1	11.2	10.8	4.3	1.9	0.6	0.5	0.5	8.7	12.7
	1HE	0.0	0.0	0.0	10.5	10.3	3.7	1.0	0.1	0.0	0.0	3.8	9.9
	1HF	0.0	0.0	0.0	0.2	2.6	3.9	0.4	0.0	0.0	0.0	0.0	0.1
	1HG	0.0	0.0	0.1	8.2	5.6	1.4	0.3	0.0	0.0	0.0	1.6	5.7
	1JA	2.8	2.7	4.4	20.8	16.9	7.4	9.7	9.7	7.2	5.3	18.9	26.6
	1JB	0.4	0.4	0.9	5.9	4.2	1.8	2.6	1.9	1.3	1.1	4.5	6.4
	1JC	1.7	1.6	2.4	10.2	7.5	4.2	5.8	4.7	3.7	3.1	9.1	11.7
	1JD	1.7	1.7	2.0	5.8	4.5	2.7	3.4	2.7	2.5	2.2	5.2	6.2
	1JE	0.6	0.6	2.6	12.1	9.5	2.6	2.0	1.5	1.2	1.2	7.7	14.1
	1JF	3.1	3.0	6.7	26.7	20.7	7.4	8.6	7.1	5.9	5.0	19.7	29.0
	1JG1	1.0	0.9	0.4	5.9	5.0	1.6	1.9	0.9	0.9	0.6	4.5	6.7
	1JG2	1.3	1.1	0.8	2.4	2.6	0.7	1.1	0.8	0.6	0.7	2.7	4.1
	1KA	0.0	0.0	1.7	8.4	7.3	2.5	0.8	0.4	0.5	0.6	3.6	6.2
	1KB	0.9	0.8	8.5	55.0	44.8	12.1	5.9	3.5	3.8	4.1	24.3	49.3
	1KC	1.5	1.4	3.9	38.8	34.0	10.6	5.2	3.1	2.8	2.7	21.3	51.2
	1LA1	1.2	1.1	2.2	20.1	17.5	4.7	4.2	4.9	3.8	2.8	14.5	28.1
	1LA2	2.0	1.9	2.0	13.9	16.6	5.7	2.9	2.3	2.2	2.5	5.6	22.4
	1LA3	2.0	1.9	2.3	32.3	22.9	5.5	2.2	1.9	2.1	2.0	4.1	36.6
	1LB1	1.7	1.5	2.8	27.1	22.7	5.8	3.7	4.3	4.0	2.8	15.3	37.4
	1LB2	0.0	0.0	0.0	17.4	16.3	2.2	0.1	0.0	0.0	0.0	0.0	26.8

Monthly Surface Water by Sub-basin

Year 2006 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.2	0.0	0.0	0.0	0.1	0.2	0.3	11.7	10.0	3.4	21.2	16.9
	2BB	0.4	0.0	0.0	0.0	0.1	0.3	0.5	18.8	16.0	5.4	34.1	27.2
	2BC	0.0	0.0	0.0	0.0	0.9	4.0	3.9	14.2	14.7	6.9	30.2	30.1
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	4.1
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.4	0.0	0.0	7.8	13.4	5.1	30.5	60.9	20.5	5.6	75.5	91.4
	2CC	0.0	0.0	0.0	0.0	10.7	0.1	13.1	35.3	14.6	6.6	74.4	77.7
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	34.4
	2EA	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.9	0.8	0.3	1.1	3.7
	2EB	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	1.3	0.5	1.9	6.1
	2EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.2	1.3	5.0
	2ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.5	1.2	2.2	10.1
	2EE	0.0	0.0	0.0	0.5	1.7	1.0	4.1	9.2	5.4	0.7	4.0	16.9
	2EF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.9	0.8	1.4	6.6
	2EG1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.0	0.8	0.2	1.3	3.2
	2EG2	0.0	0.0	0.0	0.0	0.0	0.5	0.7	3.3	2.5	0.5	4.3	10.6
	2EH	0.0	0.0	0.0	0.9	0.7	0.5	3.2	3.0	1.0	0.4	8.2	8.0
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	2EK	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	5.1
	2FA	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.1	0.3	1.5
	2FB	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.4
	2FC	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.7	0.3	1.5	7.0
	2GA	0.0	0.0	0.0	0.0	0.9	0.3	0.3	0.4	0.3	0.1	0.3	1.3
	2GB	0.2	0.0	0.2	1.4	5.3	1.7	1.8	2.2	1.9	0.9	4.1	8.1
	2GC	0.1	0.0	0.1	2.3	7.2	2.4	1.2	0.9	0.7	0.4	4.3	7.6
	2GD	0.2	0.0	0.2	3.2	10.1	3.4	1.6	1.2	0.9	0.6	6.1	10.8
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.0	0.0	0.4	34.6	37.9	6.4	1.7	1.2	1.0	0.4	6.7	49.7
	2KB	0.0	0.0	0.0	4.4	3.5	1.3	0.8	0.5	0.4	0.2	0.1	4.1
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.4	1.4	1.6	1.9	2.3	1.6	1.4	1.3	1.4	1.3	1.8	2.9
	3AB	0.1	0.1	0.1	0.3	1.0	0.3	0.1	0.1	0.1	0.1	0.2	2.6
	3AC	0.1	0.1	0.1	1.4	3.6	0.8	0.1	0.1	0.1	0.1	1.0	4.6
	3BA	0.3	0.3	0.7	2.2	3.3	0.9	0.4	0.3	0.4	0.3	1.5	3.0
	3BB	0.4	0.4	0.7	1.7	2.2	0.7	0.4	0.4	0.4	0.4	1.3	2.0
	3BC	2.3	2.3	2.3	4.4	7.3	3.3	2.5	2.3	2.3	2.2	3.6	6.8
	3BD	0.8	0.8	0.8	2.6	3.5	1.2	0.9	0.8	0.8	0.8	2.1	3.1
	3CB	2.3	2.3	2.4	3.3	5.6	2.6	2.4	2.3	2.3	2.2	3.2	5.4
	3DA	1.5	1.6	1.4	2.2	3.9	0.5	1.3	1.6	1.5	1.5	4.2	6.8
	3DB	0.0	0.0	0.0	0.0	1.4	0.5	0.0	0.0	0.0	0.0	7.3	10.4
	3EA	0.0	0.0	0.0	1.1	4.7	0.7	0.1	0.0	0.0	0.0	5.2	14.7
	3EB	0.0	0.0	0.0	0.7	3.5	0.4	0.0	0.0	0.0	0.0	9.8	16.4
	3EC	0.0	0.0	0.0	1.9	3.8	0.4	0.0	0.0	0.0	0.0	10.5	18.6
	3ED	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	3.7	8.5
	3FA	1.0	1.1	1.0	0.5	1.5	1.5	1.1	1.0	1.0	1.1	3.2	35.3
	3FB	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	23.8
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.1	0.3	0.4	0.6	0.5	0.1	0.1	0.1	7.0	82.9	0.8
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	36.1	0.1
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.7	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	12.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	1.0	27.3	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	13.6	0.0
	3MD1	0.0	0.0	0.0	0.0	3.2	1.7	0.1	0.1	0.0	5.1	32.0	0.2
	3MD2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.7	3.1	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2006 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.1	1.0	1.1	7.2	8.9	1.5	1.1	1.0	1.0	2.0	14.2	6.5
	4AB	1.8	1.7	1.8	5.5	10.2	2.7	1.8	1.7	1.6	1.6	13.9	7.3
	4AC	2.4	2.3	2.3	3.9	9.3	3.4	2.5	2.4	2.3	2.3	11.5	7.6
	4AD	2.4	2.3	2.3	4.2	10.7	3.7	2.7	2.4	2.3	2.4	13.2	8.8
	4BA	0.4	0.4	0.4	0.8	6.0	1.0	0.5	0.4	0.4	0.3	6.0	3.5
	4BB	1.1	1.0	1.0	1.7	6.2	1.5	1.1	1.0	1.0	0.9	7.7	5.1
	4BC	1.6	1.6	1.6	3.7	7.5	2.6	1.7	1.6	1.6	1.8	6.8	4.5
	4BD	2.0	2.0	1.9	3.1	11.1	2.8	2.1	1.9	1.8	1.8	13.1	9.2
	4BE	2.3	2.3	2.2	2.0	9.0	3.8	2.6	2.2	2.1	2.1	10.1	9.7
	4BF	2.1	2.2	2.1	2.9	6.5	2.5	2.2	2.1	2.1	2.1	6.2	5.7
	4BG	1.0	1.0	0.9	0.1	3.8	1.8	1.2	1.1	1.0	0.8	1.8	5.2
	4CA	5.0	5.0	4.8	6.1	10.3	6.1	5.2	4.8	4.7	4.6	9.1	10.7
	4CB	3.4	3.4	3.3	4.4	7.6	4.0	3.4	3.2	3.1	3.1	6.9	7.3
	4CC	2.7	2.8	2.7	5.0	9.1	3.8	2.9	2.7	2.7	2.7	7.3	11.4
	4DA	3.3	3.3	3.1	7.0	14.3	4.6	3.5	3.3	3.2	3.1	19.1	15.2
	4DB	1.1	0.9	0.9	5.7	10.8	1.6	0.9	0.7	0.6	0.9	17.9	9.7
	4DC	1.0	0.8	0.8	5.5	10.0	1.7	0.9	0.8	0.7	1.0	16.2	8.9
	4DD	0.2	0.3	0.2	0.1	0.5	0.5	0.3	0.2	0.2	0.2	2.4	2.4
	4DE	0.5	0.4	0.4	0.0	1.2	1.1	0.6	0.4	0.4	0.3	0.0	5.2
	4EA	4.6	4.3	4.2	19.8	27.9	4.9	4.2	4.0	3.9	6.3	64.7	30.8
	4EB	5.7	5.3	6.7	28.2	40.8	6.1	5.2	5.1	5.1	9.5	81.1	38.7
	4EC	4.5	4.3	4.1	7.4	14.6	5.3	4.4	4.1	4.0	4.0	25.4	15.6
	4ED	6.6	6.3	5.9	10.6	17.2	8.6	6.8	6.2	6.0	5.7	72.4	57.5
	4FA	5.8	5.0	5.3	24.4	39.6	6.7	4.8	4.5	4.4	10.7	112.9	59.8
	4FB	3.0	1.7	1.5	8.3	25.2	4.8	2.1	1.5	1.4	0.2	89.8	32.0
	4GA	3.0	2.7	2.8	1.5	14.3	5.6	3.6	3.0	2.7	1.9	72.3	37.4
	4GB	0.0	0.0	0.0	0.0	2.3	0.3	0.0	0.0	0.0	0.0	27.4	31.8
	4GC	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	2.7	0.0
	4GE	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	20.2	70.1
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	4.6	4.6	4.3	6.1	9.6	5.9	4.9	4.4	4.3	4.2	31.0	66.0
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	1.7	0.0
	4JB	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
	4KA	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	1.1	0.0
	4KB	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0
ENNCA	5AA	0.2	0.2	1.3	1.9	1.5	0.5	2.2	2.9	2.8	0.7	6.8	7.1
	5AB	0.1	0.1	0.6	1.3	0.8	0.2	0.7	1.4	1.1	0.2	3.6	2.9
	5AC	0.0	0.0	0.2	0.3	0.3	0.1	0.2	0.2	0.4	0.1	2.3	3.9
	5AD	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.3	0.1	1.8	2.5
	5BA	0.1	0.1	0.2	1.4	2.9	0.3	0.1	0.1	0.1	0.1	4.1	1.7
	5BB	0.2	0.2	1.4	3.4	5.1	0.6	0.2	0.2	0.3	0.4	9.7	3.4
	5BC-1	0.6	0.6	2.4	6.3	8.8	1.2	0.9	1.2	1.7	0.8	20.6	10.5
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.3	0.4	1.0	1.4	1.4	0.5	0.7	1.0	1.4	0.5	4.7	4.1
	5BE	0.2	0.1	2.5	8.9	8.0	0.6	0.2	0.2	0.3	1.9	22.9	12.2
	5CA	0.1	0.1	0.1	0.6	0.6	0.2	0.2	0.2	0.2	0.1	10.6	22.3
	5CB	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	5.4	22.5
	5CC	0.0	0.0	0.0	1.4	2.1	0.2	0.0	0.0	0.0	0.0	4.5	22.0
	5DA	0.5	0.2	0.1	12.0	12.1	1.4	0.4	0.0	0.3	5.2	51.9	40.1
	5DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.8
	5DC	0.1	0.0	0.2	0.0	0.8	0.3	0.1	0.0	0.4	0.0	0.0	2.3
	5DD	0.0	0.0	0.0	0.0	0.9	0.2	0.0	0.0	0.3	0.0	0.6	6.0
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	24.7	0.0	0.0	0.0	0.0	0.0	71.8	51.1
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2007 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	1.2	0.7	0.5	0.7	3.1	2.2	2.2	2.5	2.9	1.9	1.2	0.4
	1AB	2.6	1.5	1.3	2.0	5.9	4.9	5.3	6.3	7.2	4.1	2.2	1.0
	1AC	0.5	0.1	0.0	0.1	1.2	1.1	1.0	1.1	1.2	0.9	0.5	0.0
	1AD	1.8	1.2	0.6	0.8	3.4	2.7	1.7	2.3	2.5	2.4	1.8	0.6
	1AE	0.8	0.6	0.3	0.4	1.2	0.9	0.5	0.7	0.7	0.8	0.7	0.3
	1AF	2.0	1.3	0.8	1.2	3.9	2.9	2.1	2.5	3.0	2.9	2.2	0.9
	1AG	1.6	0.8	0.4	0.7	3.1	2.3	1.5	1.8	2.4	2.3	1.7	0.5
	1AH	1.2	1.0	0.3	1.0	3.1	1.6	0.7	1.1	1.1	1.6	1.2	0.3
	1BA	1.9	1.2	0.6	2.4	3.8	7.1	4.8	5.3	4.7	1.4	0.7	0.3
	1BB	5.9	3.7	2.2	6.6	12.0	21.2	15.3	18.6	18.1	5.5	2.5	1.6
	1BC	2.2	1.2	1.0	1.3	3.7	6.6	5.7	9.5	10.1	4.4	1.3	0.7
	1BD	3.8	2.8	2.3	2.4	3.7	5.0	6.2	7.2	8.7	4.4	2.1	1.7
	1BE	4.5	2.2	1.6	2.3	8.2	13.8	13.2	22.1	24.7	11.2	2.7	0.9
	1BG	5.5	3.8	3.3	4.2	8.8	11.0	12.3	20.4	22.0	9.5	3.2	2.0
	1BH	4.0	2.6	2.2	3.2	6.7	7.6	8.4	12.2	13.9	6.7	2.4	1.3
	1CA	4.1	3.4	2.5	2.9	3.9	6.8	7.0	6.6	8.3	3.6	2.2	1.8
	1CB	4.6	3.6	2.5	3.3	4.5	8.7	8.3	8.8	11.3	3.9	2.1	1.5
	1CC	6.3	5.2	4.3	6.2	7.4	12.2	12.0	12.4	14.4	5.9	4.1	3.3
	1CD	12.7	10.5	7.7	9.5	12.2	20.9	21.4	24.4	29.7	11.3	6.5	4.8
	1CE	2.8	2.2	1.9	1.9	2.5	3.6	3.7	5.4	5.9	2.8	1.5	1.2
	1DA	5.4	3.9	3.2	4.3	6.3	7.9	7.2	10.7	11.0	6.2	3.7	2.5
	1DB	7.5	5.2	4.7	6.7	12.1	12.3	12.7	15.6	17.9	10.5	5.9	3.9
	1DC	4.2	2.2	1.9	2.1	4.8	5.2	4.5	5.5	6.5	5.1	3.4	1.9
	1DD	4.3	2.4	2.1	2.4	5.5	5.1	4.1	4.6	5.8	5.3	3.9	2.1
	1EA	7.6	6.0	5.3	7.4	8.6	10.3	9.7	16.0	16.0	8.4	6.2	4.4
	1EB	5.6	4.2	3.9	4.9	6.8	6.9	6.0	9.5	10.6	6.9	5.5	3.9
	1EC	3.4	2.7	2.4	3.0	4.1	4.4	3.7	5.7	5.9	4.1	3.1	2.3
	1ED	1.6	1.1	0.9	1.2	2.1	1.9	1.3	1.8	2.2	1.9	1.6	0.9
	1EE	4.0	1.6	0.7	1.5	4.8	3.3	1.1	0.9	1.9	2.9	2.3	0.6
	1EF	4.3	0.5	0.0	0.5	6.0	2.7	0.1	0.0	0.2	2.2	1.7	0.0
	1EG	5.3	2.8	1.7	3.6	7.3	5.3	2.1	2.7	4.0	4.4	3.5	1.3
	1FA	1.5	1.1	0.7	1.6	2.4	3.8	3.9	4.3	4.6	1.5	0.6	0.3
	1FB	5.3	4.4	4.0	5.0	7.6	9.4	10.9	13.8	15.1	5.7	3.2	2.1
	1FC	3.4	2.1	2.3	2.6	4.3	5.0	5.7	7.3	7.8	3.3	2.2	1.4
	1FD	5.4	4.0	3.9	4.9	9.0	10.2	12.0	13.1	13.6	5.5	3.1	2.0
	1FE	9.6	5.2	5.2	7.1	10.7	11.2	10.2	16.7	17.1	8.6	5.7	3.2
	1FF	2.1	0.8	0.7	1.4	2.3	2.1	1.2	2.8	3.1	1.5	0.8	0.0
	1FG	6.3	1.2	0.0	5.6	13.4	5.7	0.0	0.0	0.5	2.6	2.0	0.0
LVSCA	1GA	6.6	6.2	3.1	6.2	11.2	9.6	10.5	11.7	12.2	4.0	1.7	1.0
	1GB	6.4	3.5	4.7	4.9	15.1	9.8	10.6	11.7	13.8	2.7	0.9	0.4
	1GC	14.9	12.9	5.7	10.2	15.1	14.7	13.2	16.9	19.8	8.5	3.9	2.5
	1GD	8.0	6.2	4.5	5.9	12.1	6.9	5.9	6.6	9.9	2.3	0.0	0.0
	1GE	0.3	1.1	3.1	4.2	7.9	5.7	2.6	2.8	6.0	0.0	0.0	0.0
	1GF	4.7	1.7	3.8	4.2	4.5	3.9	1.8	1.5	2.7	1.4	0.0	0.0
	1GG	6.6	6.6	2.2	5.3	8.8	6.8	6.3	7.4	9.5	3.0	0.8	0.4
	1HA1	4.7	1.8	4.2	3.0	5.3	4.0	4.2	5.4	4.9	1.9	1.0	0.6
	1HA2	2.1	0.1	1.2	0.3	2.2	0.4	0.2	0.4	0.3	0.0	0.0	0.0
	1HB1	3.6	1.2	0.9	1.8	5.0	3.0	0.9	0.6	0.7	0.8	0.8	0.2
	1HB2	2.4	0.9	1.3	1.4	2.1	1.4	0.7	1.4	1.1	0.5	0.2	0.0
	1HC	4.1	0.9	0.3	0.5	4.4	3.5	0.7	0.0	0.0	0.0	0.0	0.0
	1HD	11.7	5.6	3.8	4.6	5.9	8.4	3.8	2.1	2.5	1.2	0.3	0.1
	1HE	9.3	4.5	1.8	2.1	5.2	8.3	2.8	1.1	1.1	0.7	0.3	0.0
	1HF	4.8	2.5	0.2	0.0	0.1	5.7	3.0	0.1	0.0	0.0	0.0	0.0
	1HG	3.9	1.3	0.4	0.6	4.0	4.0	0.7	0.2	0.2	0.4	0.7	0.3
	1JA	16.3	12.2	8.2	10.6	12.7	14.1	9.6	13.2	17.6	8.5	4.8	3.5
	1JB	3.3	2.7	1.9	2.7	3.1	3.3	1.9	2.4	4.4	1.9	0.9	0.6
	1JC	6.3	5.5	3.6	5.3	6.6	6.7	5.1	6.0	9.2	4.4	2.5	1.9
	1JD	4.1	3.2	2.9	3.5	3.9	4.1	3.0	3.3	4.7	2.9	2.1	1.8
	1JE	10.1	5.6	5.1	4.9	6.1	7.6	2.5	2.5	3.8	2.2	1.4	1.3
	1JF	20.0	12.3	12.1	13.3	16.2	20.0	8.7	11.0	15.3	7.8	4.9	4.1
	1JG1	7.1	3.6	2.3	3.5	4.2	6.1	2.7	1.7	3.4	1.7	0.6	0.2
	1JG2	2.7	1.4	1.0	1.3	1.5	1.9	0.6	1.0	1.8	0.6	0.3	0.2
	1KA	6.8	3.7	1.2	1.8	3.3	5.9	2.0	0.9	1.6	1.1	0.8	0.5
	1KB	44.2	23.0	9.6	11.4	24.7	39.7	11.3	6.7	9.9	6.9	5.6	3.9
	1KC	41.1	24.0	11.0	10.8	21.8	34.7	11.4	7.3	8.7	7.2	4.9	4.2
	1LA1	21.4	11.5	9.7	11.0	12.3	15.7	6.4	9.8	12.7	5.1	2.6	1.9
	1LA2	22.0	11.4	7.5	7.3	8.3	12.8	5.1	4.0	5.3	3.4	2.2	2.4
	1LA3	34.3	23.0	10.3	7.1	7.8	9.1	3.7	2.3	2.3	1.5	1.2	1.1
	1LB1	27.0	16.5	13.3	13.1	15.2	22.2	8.0	10.5	13.6	6.2	3.3	2.4
	1LB2	23.6	14.7	6.1	3.9	5.0	7.9	1.3	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2007 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	4.8	1.7	0.7	0.2	7.8	30.5	21.2	44.9	44.1	12.1	3.5	1.5
	2BB	7.7	2.7	1.1	0.3	12.5	49.0	34.1	72.3	70.9	19.4	5.6	2.3
	2BC	8.2	2.4	0.8	0.6	11.6	29.7	29.4	76.9	84.1	21.3	4.9	1.1
	2BD	0.1	0.0	0.0	0.0	0.0	0.7	1.9	8.2	22.8	5.3	0.5	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	30.6	17.0	5.1	33.4	27.0	115.2	85.4	99.7	105.5	22.5	9.1	4.0
	2CC	23.0	7.6	1.7	9.9	23.4	85.1	67.6	88.2	87.6	18.9	4.5	0.9
	2D	20.9	5.3	1.2	1.5	1.3	42.6	39.9	58.6	77.8	12.5	8.8	2.3
	2EA	2.9	1.3	0.3	0.3	0.8	4.4	6.4	7.5	10.3	1.9	1.0	0.3
	2EB	4.8	2.2	0.6	0.5	1.3	7.4	10.6	12.5	17.1	3.2	1.7	0.5
	2EC	7.6	3.7	0.9	1.0	2.5	4.5	6.4	10.2	11.4	4.3	1.6	0.2
	2ED	13.0	5.2	1.3	2.0	4.9	10.7	11.8	16.9	16.5	7.0	2.3	0.3
	2EE	9.2	3.9	1.0	3.8	5.5	25.2	19.8	25.7	28.2	6.3	4.3	0.7
	2EF	8.5	3.4	0.8	1.3	3.2	7.0	7.7	11.0	10.8	4.6	1.5	0.2
	2EG1	3.7	1.7	0.4	0.4	1.3	4.1	4.9	7.7	8.8	2.6	1.8	0.5
	2EG2	12.4	5.8	1.4	1.4	4.4	13.6	16.3	25.8	29.5	8.5	6.1	1.7
	2EH	2.5	1.5	0.6	2.6	1.0	12.1	9.5	13.2	15.7	1.8	2.6	0.6
	2EJ	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	8.7	0.1	7.8	0.0
	2EK	3.0	1.4	0.2	0.2	0.3	5.2	7.6	7.9	13.4	2.1	4.7	0.9
	2FA	2.2	1.7	0.5	0.5	1.6	2.0	2.0	1.9	3.2	1.5	0.6	0.1
	2FB	0.6	0.4	0.1	0.1	0.4	0.5	0.5	0.5	0.8	0.4	0.2	0.0
	2FC	6.4	5.6	1.0	1.1	2.9	4.6	4.0	6.1	7.6	2.1	1.0	0.3
	2GA	1.8	1.4	0.3	0.4	1.2	2.3	1.6	1.5	2.5	0.7	0.3	0.0
	2GB	6.8	4.5	1.1	2.4	5.1	11.4	5.6	6.9	11.3	2.6	1.6	0.6
	2GC	6.6	2.5	0.9	4.5	8.3	13.6	3.4	5.6	6.1	3.2	4.1	1.5
	2GD	9.3	3.6	1.3	6.4	11.7	19.2	4.7	7.9	8.6	4.5	5.7	2.1
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	49.7	43.8	16.7	12.9	12.3	20.7	7.2	6.1	10.0	4.4	1.1	0.4
	2KB	6.9	3.2	1.0	0.9	1.7	1.9	2.5	2.2	2.4	1.9	0.5	0.2
	2KC	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	3.9	2.4	1.6	1.6	1.7	1.5	1.3	1.3	1.3	1.3	1.3	1.3
	3AB	4.1	1.4	0.4	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	3AC	5.0	0.8	0.3	0.4	1.3	0.8	0.2	0.1	0.1	0.1	0.1	0.1
	3BA	2.5	0.6	0.5	1.0	1.8	1.4	0.5	0.3	0.3	0.3	0.3	0.3
	3BB	1.5	0.6	0.5	0.9	1.3	1.1	0.5	0.4	0.4	0.4	0.4	0.4
	3BC	4.9	2.7	2.4	3.4	6.5	7.1	3.6	3.3	3.3	3.1	3.4	2.8
	3BD	2.0	1.0	0.9	1.5	2.9	2.7	1.3	1.0	1.1	1.0	1.2	1.1
	3CB	4.2	2.4	2.5	2.9	4.6	4.1	2.9	2.6	2.6	2.5	2.8	2.6
	3DA	6.1	0.2	1.1	1.6	2.6	0.8	0.9	1.5	1.4	1.5	1.4	1.5
	3DB	6.9	0.5	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3EA	9.7	1.1	0.2	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3EB	9.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	10.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	4.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	37.9	1.9	1.2	0.5	1.3	1.3	1.2	1.2	1.0	1.0	1.1	1.1
	3FB	32.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	6.6	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	4.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	1.4	0.7	0.2	0.3	0.8	8.6	0.1	0.1	0.1	0.1	0.1	0.1
	3LA	0.0	0.0	0.0	0.0	1.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	22.0	18.4	0.1	0.2	0.0	0.1	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2007 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	5.8	1.6	1.2	4.7	6.0	4.9	1.5	1.7	1.5	1.6	3.5	2.0
	4AB	5.8	2.7	2.0	4.4	7.6	8.4	2.9	4.3	3.5	4.2	5.5	2.8
	4AC	6.8	3.4	2.6	4.9	8.3	9.5	3.8	5.3	4.4	4.8	6.6	3.7
	4AD	7.3	3.5	2.6	7.8	11.6	12.9	4.5	7.7	5.7	7.1	8.5	4.2
	4BA	3.2	0.7	0.4	1.5	3.8	3.2	0.8	0.7	0.6	0.5	2.0	0.9
	4BB	3.6	1.3	1.0	6.1	8.3	8.3	2.6	5.3	3.0	5.5	5.5	2.1
	4BC	5.7	2.3	1.9	0.0	0.5	0.0	0.9	0.0	0.0	0.0	0.0	1.3
	4BD	6.9	2.4	1.9	10.2	14.2	14.0	4.4	8.8	5.1	9.1	9.2	3.7
	4BE	8.1	3.1	2.3	9.5	14.0	13.6	4.9	7.5	5.6	7.6	8.6	4.5
	4BF	4.3	2.3	2.2	4.2	5.2	3.4	2.3	2.2	2.1	2.1	2.1	2.1
	4BG	5.7	1.6	1.2	1.3	3.5	2.8	1.3	1.0	1.4	0.1	1.7	1.2
	4CA	8.3	5.4	4.8	11.3	14.3	15.5	7.8	10.2	9.0	10.1	10.0	6.8
	4CB	5.5	3.5	3.2	7.3	9.4	9.3	4.9	5.9	5.2	6.1	6.5	4.6
	4CC	10.8	3.6	3.0	5.1	8.4	5.2	3.0	2.7	2.9	2.4	2.9	2.8
	4DA	15.2	5.0	3.9	7.3	10.9	9.1	4.4	3.9	3.6	3.5	5.1	4.8
	4DB	9.1	1.7	1.1	4.0	6.7	4.3	1.4	1.2	1.1	1.6	6.1	2.3
	4DC	8.5	1.7	1.1	3.8	6.4	4.1	1.5	1.2	1.1	1.7	6.1	2.4
	4DD	3.4	0.7	0.4	0.4	0.9	0.7	0.4	0.3	0.3	0.2	0.3	0.3
	4DE	6.6	1.3	0.7	0.0	1.8	1.9	0.8	0.2	0.9	0.0	1.2	0.6
	4EA	26.6	4.9	4.3	12.4	21.5	7.6	4.5	4.2	4.1	7.1	25.3	10.1
	4EB	35.3	6.1	5.9	15.2	29.3	13.8	5.9	6.1	5.4	9.3	33.6	12.8
	4EC	15.3	5.4	4.6	6.0	9.4	7.3	5.0	4.6	4.4	4.3	7.9	6.2
	4ED	70.1	11.7	8.0	6.2	12.8	9.8	7.1	6.0	6.4	4.8	7.1	7.1
	4FA	63.4	7.8	6.2	16.3	37.8	9.3	5.5	5.0	4.6	8.3	32.4	15.7
	4FB	36.9	5.6	2.3	0.2	18.1	5.7	2.5	1.4	1.8	0.0	6.5	8.1
	4GA	25.8	7.8	4.4	0.8	6.1	4.9	3.5	2.8	3.0	1.3	3.5	3.2
	4GB	19.3	2.4	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.1	0.0
	4GC	8.7	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	16.4	0.0	0.0	0.0	1.2	1.0	0.0	0.0	0.0	0.0	0.1	0.0
	4GE	14.4	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	78.0	3.4	0.0	0.0	4.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
	4GG	21.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	45.3	10.4	6.1	5.3	6.9	4.9	4.5	4.3	4.2	4.2	4.2	4.6
	4HB	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	32.0	0.0	0.0	0.0	2.5	1.7	0.0	0.0	0.0	0.0	0.1	0.0
	4JB	12.5	0.0	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	20.2	0.0	0.0	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	34.2	0.0	0.0	0.0	2.7	1.8	0.0	0.0	0.0	0.0	0.1	0.0
ENNCA	5AA	6.0	1.5	0.6	0.7	1.6	8.8	10.7	10.9	15.1	3.0	1.3	0.5
	5AB	2.3	0.2	0.1	0.1	0.5	4.1	3.5	3.8	4.9	0.6	0.3	0.1
	5AC	3.0	0.2	0.1	0.0	0.2	1.3	2.6	5.2	9.4	2.2	1.4	0.3
	5AD	2.9	0.2	0.1	0.0	0.0	0.7	1.4	2.2	1.7	0.4	0.2	0.1
	5BA	1.7	0.3	0.1	0.5	1.4	2.0	0.4	0.7	0.6	0.4	0.8	0.3
	5BB	4.0	0.5	0.3	1.1	2.8	5.1	1.0	2.9	2.3	1.1	2.2	0.5
	5BC-1	13.5	1.2	0.6	1.1	4.5	11.3	5.5	9.3	8.9	2.5	3.2	1.1
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	4.7	0.6	0.4	0.4	0.9	3.7	3.2	4.7	4.6	1.1	0.7	0.4
	5BE	11.6	0.7	0.2	2.3	5.5	5.0	1.3	1.6	2.3	1.9	8.3	1.8
	5CA	21.5	1.6	0.3	0.2	0.2	3.9	6.8	8.5	8.9	2.2	3.8	1.0
	5CB	15.5	1.6	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0
	5CC	13.8	1.5	0.2	0.0	0.1	0.1	1.6	2.4	4.3	0.9	2.0	0.5
	5DA	35.5	3.5	1.2	8.0	11.0	1.1	0.7	0.8	0.4	0.3	18.6	5.2
	5DB	9.1	0.9	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.6	0.2
	5DC	4.5	0.6	0.2	0.0	0.5	0.3	0.4	0.5	0.5	0.4	0.6	0.3
	5DD	7.3	0.5	0.1	0.0	0.3	0.0	0.2	0.5	0.4	0.2	0.5	0.2
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	53.7	2.9	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.3	12.8	0.2	0.0	0.0	0.0	67.6	946.6	584.4

Monthly Surface Water by Sub-basin

Year 2008 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.3	0.3	0.3	0.9	2.4	2.9	1.1	1.9	3.7	3.6	3.0	0.7
	1AB	0.7	0.7	0.7	1.4	4.4	6.3	2.6	4.6	5.4	6.3	5.3	1.5
	1AC	0.0	0.0	0.0	0.0	0.9	1.5	0.4	0.7	1.3	1.6	1.2	0.2
	1AD	0.3	0.3	0.3	0.9	3.0	3.3	1.3	1.7	6.2	4.4	4.6	1.0
	1AE	0.2	0.2	0.2	0.3	0.9	1.0	0.5	0.5	2.5	1.8	1.9	0.5
	1AF	0.6	0.5	0.5	1.3	3.3	3.6	1.6	2.3	5.9	4.8	4.7	1.3
	1AG	0.2	0.2	0.2	0.9	2.9	2.9	1.2	1.7	5.2	3.8	4.0	0.9
	1AH	0.1	0.1	0.1	1.2	2.4	1.7	0.7	1.3	6.2	3.5	4.0	0.5
	1BA	0.2	0.2	0.2	1.0	1.1	1.9	2.1	4.0	3.6	5.4	6.3	0.8
	1BB	1.5	1.5	1.5	3.5	3.0	8.4	7.5	14.6	10.8	14.6	20.2	2.9
	1BC	0.6	0.5	0.5	0.5	0.7	2.9	3.1	6.8	3.9	3.3	5.2	1.5
	1BD	1.6	1.5	1.5	1.5	1.6	3.0	3.1	5.0	4.8	4.5	6.9	2.4
	1BE	0.6	0.5	0.5	0.4	0.7	5.0	6.7	15.6	9.6	6.9	11.3	3.2
	1BG	1.8	1.7	1.7	1.8	2.4	10.6	6.9	12.8	9.4	8.7	11.4	3.3
	1BH	1.1	1.0	1.0	1.2	3.0	8.7	4.6	7.8	7.0	7.2	8.0	2.2
	1CA	1.7	1.6	1.6	1.6	1.8	2.6	2.9	4.9	5.3	6.4	8.9	2.5
	1CB	1.3	1.3	1.3	1.6	1.9	3.3	3.8	6.5	6.6	7.0	9.4	2.3
	1CC	3.1	3.0	3.0	5.7	5.1	6.1	7.4	9.9	9.0	9.1	10.2	4.1
	1CD	4.4	4.4	4.3	6.2	7.4	12.1	11.4	17.5	18.0	17.9	23.9	6.8
	1CE	1.2	1.1	1.1	1.3	1.8	4.1	2.6	3.8	3.9	3.0	3.9	1.5
	1DA	2.2	2.1	2.1	3.8	6.6	9.0	5.0	8.1	9.0	6.7	8.1	3.1
	1DB	3.3	3.2	3.2	4.6	9.1	15.3	7.6	12.0	11.5	12.7	12.2	4.8
	1DC	1.5	1.5	1.4	2.1	4.6	6.5	3.1	4.5	6.2	5.5	6.2	2.5
	1DD	1.7	1.7	1.7	2.6	5.3	6.4	3.3	4.4	7.4	6.5	7.0	2.8
	1EA	4.0	3.9	3.8	7.4	10.1	11.0	8.5	11.0	11.7	8.9	10.6	4.9
	1EB	3.4	3.4	3.3	4.4	8.2	7.5	5.4	7.6	9.1	7.2	8.5	4.3
	1EC	2.1	2.1	2.1	2.8	4.5	4.8	3.4	4.6	5.6	4.2	4.9	2.6
	1ED	0.8	0.8	0.8	1.3	2.1	2.1	1.3	1.8	3.4	2.2	2.7	1.1
	1EE	0.6	0.6	0.5	1.8	3.6	3.4	1.2	2.4	11.2	5.0	7.3	1.5
	1EF	0.0	0.0	0.0	0.0	2.9	3.1	0.0	1.2	13.4	5.6	8.5	0.7
	1EG	0.8	0.7	0.8	3.3	6.3	5.1	2.5	4.4	14.6	7.4	10.0	2.4
	1FA	0.2	0.2	0.2	1.7	1.2	1.6	2.2	3.8	3.0	2.2	2.1	0.6
	1FB	1.8	1.8	2.6	7.9	5.9	7.9	7.2	8.4	7.7	6.8	7.2	2.6
	1FC	1.2	1.2	1.2	4.9	3.8	4.5	3.8	4.5	4.0	3.6	3.8	1.7
	1FD	1.7	1.6	2.1	9.3	5.3	6.5	6.5	8.0	6.8	6.5	5.9	2.5
	1FE	2.5	2.4	2.2	8.4	11.5	12.5	8.1	11.5	13.2	11.6	12.6	4.4
	1FF	0.0	0.0	0.0	0.2	2.8	2.7	1.0	1.8	3.3	3.2	3.5	0.5
	1FG	0.0	0.0	0.0	3.9	7.2	5.0	0.0	4.0	21.1	10.8	14.6	0.4
LVSCA	1GA	0.8	0.8	1.4	8.9	4.2	5.8	7.2	14.9	10.5	7.5	6.6	2.0
	1GB	0.3	0.3	0.6	12.6	4.2	7.2	6.0	8.4	8.1	7.9	5.1	0.8
	1GC	2.1	2.1	2.8	10.7	9.1	8.4	10.0	22.5	17.1	14.7	14.1	4.6
	1GD	0.0	0.0	0.0	1.4	1.4	1.5	0.1	4.8	5.6	5.3	3.5	0.0
	1GE	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.5	0.4	2.6	0.0
	1GF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	4.6	2.1	0.0
	1GG	0.3	0.3	1.0	6.5	3.9	4.2	4.2	11.4	8.6	6.7	5.6	1.2
	1HA1	0.5	0.5	0.5	4.0	3.1	3.7	2.5	3.1	3.0	7.0	4.9	1.1
	1HA2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.8	0.5	0.0
	1HB1	0.0	0.0	0.0	1.5	3.1	2.7	0.8	1.2	5.2	4.6	4.6	0.9
	1HB2	0.0	0.0	0.0	0.8	1.9	1.9	0.5	0.9	1.5	3.3	2.6	0.4
	1HC	0.0	0.0	0.0	0.0	0.4	1.8	0.4	0.4	3.4	4.1	3.2	1.0
	1HD	0.0	0.0	0.0	5.0	4.3	3.1	1.9	4.8	5.5	7.1	6.9	1.6
	1HE	0.0	0.0	0.0	3.7	4.5	2.8	1.7	4.3	4.4	5.3	6.1	1.1
	1HF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.8	1.3
	1HG	0.0	0.0	0.0	4.5	2.3	1.6	1.3	2.4	2.6	2.4	4.1	0.4
	1JA	3.0	3.0	3.3	11.6	10.1	8.2	7.5	13.1	12.5	12.9	14.3	5.5
	1JB	0.5	0.5	0.7	3.3	2.4	1.9	1.4	2.4	2.8	3.0	2.9	1.1
	1JC	1.8	1.8	2.3	6.4	5.1	4.6	3.7	6.3	6.2	6.8	6.1	2.8
	1JD	1.7	1.8	2.0	4.1	3.1	2.9	2.5	3.5	3.7	4.0	3.6	2.2
	1JE	0.9	0.8	1.6	7.7	4.0	2.4	2.2	4.2	5.7	4.4	5.9	2.1
	1JF	3.4	3.3	5.1	14.9	10.2	7.5	7.1	12.1	13.3	12.4	15.2	6.0
	1JG1	0.3	0.3	0.1	3.1	2.2	1.4	0.8	2.2	2.9	3.1	3.0	0.9
	1JG2	0.2	0.1	0.0	0.2	0.6	0.3	0.1	0.3	0.8	1.4	1.1	0.4
	1KA	0.2	0.0	0.5	5.1	3.0	1.9	2.1	3.6	3.5	3.5	4.2	0.8
	1KB	2.1	1.0	2.3	33.7	17.9	11.4	12.3	23.5	23.1	19.2	34.6	6.0
	1KC	2.8	2.1	2.2	27.6	16.8	10.4	8.8	18.8	22.8	16.2	28.9	7.3
	1LA1	1.4	1.3	1.3	10.2	8.2	5.1	4.3	7.9	8.9	9.7	13.2	3.6
	1LA2	2.3	2.3	2.1	7.9	8.6	4.9	3.3	6.2	8.4	6.6	10.0	4.1
	1LA3	1.1	1.2	1.2	13.5	10.1	3.2	1.7	1.6	1.9	1.6	2.3	1.8
	1LB1	1.9	1.9	2.0	13.0	9.7	5.4	4.2	7.0	9.6	10.7	17.1	5.2
	1LB2	0.0	0.0	0.0	0.6	5.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2008 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.4	0.0	0.0	0.0	0.0	4.7	9.3	23.6	10.0	10.2	20.9	3.0
	2BB	0.7	0.1	0.0	0.0	0.0	7.6	14.9	38.0	16.1	16.4	33.6	4.9
	2BC	0.1	0.0	0.0	0.0	0.0	4.5	9.4	27.2	12.6	11.4	22.7	5.9
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	1.8	0.5	0.0	0.0	0.0	0.0	2.5	56.7	57.0	65.8	91.8	8.8
	2CC	0.0	0.0	0.0	0.0	0.0	0.0	3.6	31.4	38.0	50.7	88.3	7.1
	2D	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	39.8	3.3
	2EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.6	3.0	4.0	0.7
	2EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.3	5.0	6.6	1.1
	2EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6	3.2	7.6	1.8
	2ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	13.5	7.8	10.3	2.6
	2EE	0.1	0.0	0.0	0.0	0.0	0.0	2.5	22.2	14.0	9.0	14.0	1.8
	2EF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	8.8	5.1	6.7	1.7
	2EG1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.9	2.7	4.5	0.9
	2EG2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	9.2	9.7	9.0	15.0	3.0
	2EH	0.2	0.0	0.0	0.0	0.0	0.0	0.4	4.9	4.9	4.6	9.1	0.8
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.3	0.1	0.0	0.0	0.0	0.0	0.0	1.4	2.5	2.8	4.1	0.4
	2FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.4	1.6	2.5	0.8
	2FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.6	0.2
	2FC	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.3	3.7	4.9	7.4	1.4
	2GA	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.8	0.9	1.0	1.2	0.3
	2GB	0.2	0.0	0.0	0.6	1.2	0.6	0.7	3.6	5.2	7.1	6.0	1.7
	2GC	0.5	0.2	0.1	4.5	3.8	1.6	0.8	1.0	2.8	6.9	6.2	2.2
	2GD	0.6	0.2	0.1	6.3	5.4	2.3	1.1	1.4	4.0	9.7	8.8	3.1
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.1	0.1	0.1	12.0	10.5	2.5	0.9	1.7	2.0	2.6	8.8	2.9
	2KB	0.1	0.0	0.2	3.4	1.8	1.0	0.4	0.6	0.9	0.9	2.4	1.3
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.4	1.4	1.4	2.0	2.1	1.4	1.3	1.3	1.3	1.5	2.2	1.6
	3AB	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1
	3AC	0.1	0.1	0.0	0.3	0.7	0.2	0.1	0.1	0.0	0.1	0.3	0.2
	3BA	0.5	0.5	0.3	1.6	1.5	0.5	0.4	0.3	0.4	0.7	1.5	0.5
	3BB	0.5	0.5	0.5	1.4	1.1	0.5	0.4	0.4	0.5	0.7	1.3	0.5
	3BC	2.5	2.5	2.3	6.2	5.1	2.9	2.4	2.3	2.2	2.8	5.8	3.4
	3BD	0.9	0.9	0.8	3.0	1.8	1.0	0.9	0.8	0.8	0.8	2.0	1.2
	3CB	2.5	2.5	2.3	4.3	3.6	2.6	2.3	2.2	2.3	2.4	3.2	2.8
	3DA	1.5	1.5	1.4	0.8	0.8	1.3	1.5	1.6	1.5	1.3	0.8	1.4
	3DB	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.3
	3EA	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	1.1	1.1	1.0	0.4	1.8	1.2	1.0	1.1	1.0	0.9	1.0	1.3
	3FB	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.2	0.2	0.2	0.5	0.2	0.1	0.1	0.1	0.2	0.2	0.4	0.1
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2008 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.7	1.3	1.1	3.0	2.9	1.6	1.1	1.0	1.0	1.3	3.6	1.6
	4AB	2.1	1.8	1.6	3.4	3.9	2.6	1.8	1.6	1.6	1.9	5.3	2.6
	4AC	2.8	2.5	2.4	5.1	5.1	3.4	2.5	2.4	2.6	3.9	5.5	3.4
	4AD	3.1	2.6	2.4	8.5	6.4	3.8	2.7	2.5	2.9	5.2	8.0	4.0
	4BA	0.6	0.5	0.4	1.7	2.1	0.8	0.4	0.4	0.4	0.3	0.6	0.6
	4BB	1.4	1.2	1.1	8.0	4.1	1.6	1.1	1.1	1.0	3.6	5.0	1.8
	4BC	1.7	1.7	1.6	0.0	2.1	2.0	1.7	1.5	1.5	0.0	0.0	1.1
	4BD	2.6	2.2	2.0	13.1	7.2	2.9	2.1	2.1	1.9	5.9	8.3	3.2
	4BE	3.3	2.8	2.4	12.9	7.6	3.8	2.7	2.5	2.4	5.1	7.7	4.3
	4BF	2.0	2.0	2.0	4.0	3.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0
	4BG	1.1	1.0	0.8	0.0	2.3	1.5	1.0	1.0	0.9	0.5	0.9	1.3
	4CA	5.8	5.5	5.4	14.9	9.0	6.2	5.4	5.3	5.4	9.1	11.5	6.8
	4CB	3.9	3.8	3.6	10.2	6.0	4.0	3.6	3.5	3.4	5.0	7.2	4.5
	4CC	2.7	2.7	2.4	3.0	4.4	3.0	2.6	2.6	2.6	2.3	2.6	2.9
	4DA	4.1	3.7	3.3	8.1	6.5	3.9	3.4	3.3	3.2	3.2	4.4	3.6
	4DB	1.9	1.4	0.9	7.9	3.1	1.3	0.9	0.8	0.7	1.5	4.0	1.3
	4DC	2.0	1.5	1.0	7.3	3.0	1.3	0.9	0.8	0.8	1.6	4.0	1.3
	4DD	0.3	0.3	0.2	0.0	0.5	0.3	0.3	0.2	0.3	0.2	0.2	0.3
	4DE	0.5	0.5	0.3	0.0	1.6	0.9	0.4	0.4	0.4	0.0	0.5	0.8
	4EA	9.4	4.8	4.5	20.5	7.1	4.4	4.1	4.0	3.9	6.5	17.6	4.6
	4EB	11.4	6.2	6.5	29.1	10.7	5.4	5.2	5.2	5.0	12.9	25.6	6.1
	4EC	5.4	4.9	4.4	10.0	6.5	4.7	4.3	4.1	4.1	4.1	6.5	4.9
	4ED	6.8	6.7	6.0	8.5	10.4	6.9	6.1	5.9	5.8	5.1	7.5	6.9
	4FA	15.4	7.0	6.0	24.6	12.9	5.4	4.6	4.3	4.2	9.7	20.5	6.5
	4FB	7.5	4.8	1.7	11.5	10.0	3.2	1.7	1.5	1.4	0.5	4.2	4.1
	4GA	3.2	3.7	2.7	2.6	7.6	4.2	3.1	2.9	2.7	1.9	3.1	3.4
	4GB	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GC	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GE	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GG	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	4.6	4.5	4.3	4.4	5.0	4.4	4.3	4.2	4.1	4.1	7.2	5.2
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.3	0.2	0.2	0.6	0.5	0.3	0.8	4.7	4.9	6.2	6.2	1.0
	5AB	0.1	0.1	0.1	0.2	0.3	0.1	0.2	1.9	2.2	2.7	1.7	0.2
	5AC	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.6	0.5	2.1	0.3
	5AD	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.7	1.1	0.1
	5BA	0.2	0.1	0.1	0.2	0.5	0.2	0.1	0.1	0.1	0.2	1.0	0.3
	5BB	0.3	0.2	0.2	1.5	1.4	0.4	0.2	0.2	0.3	2.2	3.2	0.5
	5BC-1	0.7	0.6	0.6	1.0	2.3	0.8	0.7	1.6	2.2	4.6	9.3	1.5
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.4	0.4	0.6	0.7	0.4	0.5	1.3	1.9	2.5	2.7	0.6
	5BE	1.0	0.5	0.1	1.9	1.9	0.3	0.1	0.2	0.2	4.5	10.6	1.2
	5CA	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.8	1.2	2.5	9.9	0.9
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	1.2
	5DA	7.6	1.4	0.5	8.2	2.4	0.6	0.1	0.1	0.1	0.2	9.9	1.3
	5DB	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.1	0.1	0.0	0.0	0.5	0.1	0.0	0.2	0.3	0.0	0.6	0.4
	5DD	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.2	0.0	0.8	0.3
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	300.7	102.6	45.5	25.5	40.9	21.7	10.6	4.2	1.9	0.7	0.2	0.1

Monthly Surface Water by Sub-basin

Year 2009 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.3	0.3	0.3	0.9	4.3	1.8	0.9	0.9	2.3	1.8	1.2	1.0
	1AB	0.8	0.7	0.7	1.4	7.6	3.9	2.0	2.8	4.7	4.1	2.4	1.9
	1AC	0.0	0.0	0.0	0.0	1.8	1.0	0.3	0.2	0.8	0.7	0.3	0.1
	1AD	0.3	0.3	0.3	1.0	5.2	2.2	1.1	0.6	1.3	1.9	1.5	1.0
	1AE	0.2	0.2	0.2	0.4	1.9	0.7	0.5	0.3	0.5	0.8	0.8	0.6
	1AF	0.6	0.6	0.5	1.4	5.2	2.6	1.4	0.9	1.9	2.1	1.5	1.4
	1AG	0.3	0.3	0.2	0.8	4.3	2.0	1.0	0.5	1.2	1.7	1.1	0.8
	1AH	0.1	0.1	0.1	1.2	4.0	1.1	0.7	0.3	1.2	1.6	1.2	1.1
	1BA	0.3	0.3	0.2	0.2	2.1	1.2	0.6	0.6	0.4	0.8	1.1	1.0
	1BB	1.7	1.6	1.5	1.5	6.3	3.9	2.5	2.5	2.3	3.7	3.6	2.9
	1BC	0.6	0.6	0.5	0.5	1.0	1.6	1.1	1.8	2.4	2.7	1.9	1.1
	1BD	1.6	1.6	1.5	1.5	2.6	3.2	2.2	3.0	3.6	3.8	3.0	2.1
	1BE	0.8	0.6	0.5	0.5	1.7	3.8	2.1	3.7	5.7	6.7	4.5	1.8
	1BG	1.9	1.8	1.7	1.9	7.4	6.9	3.7	7.8	9.5	10.0	5.6	3.7
	1BH	1.1	1.1	1.0	1.3	7.4	5.3	2.8	5.7	7.2	6.8	3.8	2.8
	1CA	1.8	1.7	1.6	1.6	2.1	2.4	2.0	2.3	2.4	2.7	2.8	2.3
	1CB	1.4	1.4	1.3	1.3	2.2	2.6	2.0	2.5	2.6	3.6	3.4	2.5
	1CC	3.3	3.1	3.1	3.1	4.9	4.7	3.8	4.5	4.9	6.5	5.4	4.6
	1CD	4.7	4.5	4.4	4.9	10.4	8.5	6.7	9.7	9.4	10.4	9.1	7.5
	1CE	1.2	1.1	1.1	1.5	4.3	3.0	1.9	3.4	3.8	3.1	2.1	1.7
	1DA	2.2	2.2	2.1	4.7	9.9	6.0	3.7	5.6	7.2	5.4	3.8	3.3
	1DB	3.4	3.4	3.2	4.7	15.0	9.8	6.0	8.7	11.0	10.0	6.4	5.6
	1DC	1.6	1.6	1.4	2.2	6.4	4.8	2.9	2.3	4.1	3.9	2.6	1.9
	1DD	1.8	1.8	1.7	2.6	7.0	4.9	3.0	2.3	3.6	3.9	2.7	2.2
	1EA	4.0	4.1	3.9	7.0	11.0	7.0	6.2	7.7	9.0	7.7	5.9	5.7
	1EB	3.5	3.6	3.4	5.0	8.1	5.6	4.9	4.7	6.2	6.0	4.5	4.0
	1EC	2.1	2.2	2.1	3.0	5.2	3.6	2.9	2.9	3.8	3.5	2.7	2.5
	1ED	0.8	0.8	0.8	1.1	2.5	1.5	1.1	0.9	1.3	1.5	1.2	1.0
	1EE	0.6	0.5	0.6	0.8	4.9	2.9	1.0	0.1	1.1	2.1	1.4	0.9
	1EF	0.0	0.0	0.0	0.0	6.1	2.3	0.0	0.0	0.1	1.6	0.8	0.1
	1EG	0.9	0.9	0.8	2.0	7.3	3.8	1.7	1.2	1.9	3.3	2.2	2.3
	1FA	0.2	0.2	0.2	0.2	0.8	0.8	0.6	1.1	1.4	2.1	1.1	1.0
	1FB	1.8	1.9	1.7	2.9	7.1	4.3	4.1	5.9	6.7	6.0	4.4	3.8
	1FC	1.2	1.3	1.1	1.8	3.7	2.9	2.3	3.1	4.2	3.4	2.5	2.1
	1FD	1.7	1.7	1.6	2.1	5.9	4.2	3.3	5.0	7.3	6.2	4.5	4.1
	1FE	2.7	3.0	2.5	5.6	11.4	6.9	5.2	5.6	9.1	8.5	5.5	5.1
	1FF	0.0	0.0	0.0	0.2	2.9	1.1	0.3	0.2	0.7	1.4	0.5	0.6
	1FG	0.0	0.0	0.0	0.9	12.4	1.7	0.0	0.0	0.6	1.7	0.9	2.7
LVSCA	1GA	1.0	0.9	0.8	1.7	5.6	3.1	1.9	2.4	8.8	5.3	4.1	5.1
	1GB	0.4	0.4	0.3	0.9	4.1	1.9	1.6	1.6	12.3	4.2	5.8	4.4
	1GC	2.5	2.6	2.2	3.7	6.1	5.0	3.4	2.9	7.3	7.5	6.0	11.7
	1GD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.7	1.9
	1GE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	1GF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1GG	0.4	0.5	0.4	1.9	3.7	1.8	1.0	0.8	5.9	3.6	2.9	5.4
	1HA1	0.6	0.8	0.5	1.7	3.5	1.5	1.0	1.0	2.8	2.1	1.5	2.4
	1HA2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HB1	0.0	0.0	0.0	0.4	3.8	1.5	0.3	0.0	0.1	0.6	0.4	0.8
	1HB2	0.1	0.2	0.0	0.8	2.3	0.6	0.2	0.1	0.1	0.4	0.2	0.8
	1HC	0.0	0.0	0.0	0.0	2.2	2.5	0.2	0.0	0.0	0.0	0.0	0.0
	1HD	0.1	0.2	0.1	2.9	7.9	4.9	1.3	0.9	2.7	2.3	0.8	4.8
	1HE	0.0	0.0	0.0	0.6	9.6	5.2	1.2	0.2	0.9	1.5	0.5	4.5
	1HF	0.0	0.0	0.0	0.0	1.0	5.7	1.0	0.0	0.0	0.0	0.0	0.0
	1HG	0.0	0.0	0.0	2.7	6.8	2.3	0.4	0.0	0.0	0.0	0.0	2.7
	1JA	3.3	3.8	3.1	4.8	9.7	6.7	4.3	3.8	6.0	7.2	5.6	11.4
	1JB	0.6	0.8	0.6	1.3	2.5	1.4	0.9	0.8	1.9	1.7	1.2	2.8
	1JC	1.9	2.2	1.8	2.8	4.3	3.0	2.3	2.2	4.7	4.0	3.1	6.0
	1JD	1.8	1.9	1.8	2.3	3.1	2.4	2.0	2.1	3.2	2.6	2.2	3.6
	1JE	1.0	1.8	1.2	4.9	8.5	4.1	2.0	2.3	3.8	3.1	1.8	5.5
	1JF	3.8	4.9	3.7	8.1	15.3	8.7	5.6	6.3	9.2	8.0	5.6	11.8
	1JG1	0.2	0.3	0.3	0.6	2.7	1.8	0.7	0.7	1.7	1.5	0.7	1.6
	1JG2	0.2	0.3	0.2	0.0	1.0	0.6	0.3	0.2	0.2	0.3	0.3	0.0
	1KA	0.2	0.3	0.1	4.4	7.2	4.4	1.2	1.2	1.9	1.3	0.9	4.3
	1KB	2.0	3.2	1.9	26.7	52.8	25.3	7.8	6.3	10.4	8.9	5.5	26.0
	1KC	2.7	3.2	2.2	21.9	44.0	22.1	8.5	5.2	9.1	11.7	7.0	25.5
	1LA1	1.6	2.0	1.5	2.8	11.7	5.8	2.4	1.7	2.4	3.5	3.1	9.1
	1LA2	2.4	2.4	2.4	5.4	14.1	9.5	3.9	2.7	3.8	3.9	2.5	3.8
	1LA3	1.1	1.1	1.1	1.1	3.2	6.3	2.6	1.5	1.3	1.2	1.1	0.8
	1LB1	2.2	2.5	2.0	3.4	13.7	7.8	3.2	2.1	2.2	2.6	2.4	7.6
	1LB2	0.0	0.0	0.0	0.0	0.0	1.9	0.4	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2009 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BB	2.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BC	1.4	0.3	0.0	0.0	0.0	0.9	1.0	1.6	3.6	5.4	2.4	0.7
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	4.3	2.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CC	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2D	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EB	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EC	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2ED	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EE	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EF	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EG1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EG2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EH	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FA	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FC	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2GA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2GB	0.4	0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.9	0.5
	2GC	0.4	0.1	0.0	0.0	0.0	0.4	0.3	0.1	0.1	0.1	1.6	1.0
	2GD	0.5	0.1	0.0	0.0	0.0	0.6	0.4	0.1	0.1	0.1	2.3	1.4
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.5	0.3	0.0	0.1	1.9	2.7	0.8	0.1	0.0	0.0	0.0	0.7
	2KB	0.3	0.1	0.0	0.0	0.6	1.2	0.4	0.1	0.0	0.0	0.0	0.0
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.3	1.4	1.3	1.4	1.5	1.5	1.4	1.3	1.2	1.3	1.5	1.6
	3AB	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	3AC	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
	3BA	0.3	0.5	0.4	0.6	0.8	0.6	0.5	0.3	0.2	0.6	0.8	0.8
	3BB	0.4	0.5	0.4	0.6	0.7	0.6	0.5	0.4	0.3	0.6	0.7	0.7
	3BC	2.3	2.2	2.1	2.2	2.3	2.3	2.1	2.1	2.0	2.1	2.2	2.4
	3BD	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.9	1.0
	3CB	2.3	2.3	2.2	2.3	2.4	2.3	2.2	2.1	2.1	2.2	2.4	2.3
	3DA	1.6	1.5	1.6	1.4	1.4	1.5	1.5	1.5	1.5	1.3	1.5	1.0
	3DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	3EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	1.0	1.0	1.1	0.9	1.0	1.1	1.1	1.1	1.0	0.9	1.1	0.9
	3FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.3
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2009 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.2	1.1	1.0	1.0	3.2	1.5	1.0	1.0	0.9	1.0	4.1	2.4
	4AB	1.8	1.6	1.6	1.5	1.6	1.6	1.5	1.5	1.5	1.5	2.0	2.2
	4AC	2.4	2.2	2.2	2.1	2.3	2.5	2.2	2.1	2.1	2.1	3.1	2.7
	4AD	2.5	2.2	2.1	2.1	2.4	2.8	2.3	2.1	2.1	2.2	3.7	3.0
	4BA	0.4	0.4	0.3	0.3	0.5	0.6	0.4	0.3	0.3	0.3	0.7	0.7
	4BB	1.0	0.9	0.9	0.9	1.5	1.3	0.9	0.9	0.9	0.9	2.2	1.3
	4BC	1.6	1.6	1.6	1.6	2.4	2.2	1.7	1.6	1.6	1.6	1.6	2.4
	4BD	1.9	1.8	1.7	1.7	2.7	2.4	1.8	1.7	1.7	1.6	3.8	2.4
	4BE	2.3	2.1	2.0	2.0	2.2	2.3	2.0	1.9	1.9	1.9	2.4	2.6
	4BF	1.9	1.9	1.9	1.9	2.1	2.0	1.9	1.9	1.8	1.8	2.0	2.1
	4BG	0.9	0.9	0.9	0.8	0.7	1.0	0.9	0.9	0.8	0.8	0.6	1.0
	4CA	4.9	4.6	4.5	4.4	4.5	4.7	4.3	4.2	4.1	4.1	4.6	4.5
	4CB	3.3	3.2	3.1	3.0	3.1	3.1	2.9	2.9	2.8	2.8	3.1	3.2
	4CC	2.6	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.6	2.8
	4DA	3.1	3.0	2.9	2.9	6.2	4.0	3.0	2.8	2.8	2.8	5.8	4.6
	4DB	0.8	0.8	0.6	1.2	4.5	1.4	0.6	0.5	0.4	0.4	5.5	2.2
	4DC	0.8	0.8	0.6	1.2	4.6	1.4	0.7	0.5	0.5	0.5	5.6	2.2
	4DD	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.2	0.2	0.1	0.3
	4DE	0.5	0.4	0.4	0.4	0.2	0.5	0.4	0.4	0.4	0.4	0.1	0.5
	4EA	4.6	4.5	4.0	5.5	12.1	4.5	4.0	3.9	3.9	7.2	28.0	12.1
	4EB	5.9	5.3	4.9	9.2	17.3	5.9	4.7	4.7	4.5	9.0	31.9	13.7
	4EC	4.2	4.1	3.9	3.9	5.8	4.5	3.9	3.8	3.7	3.7	6.8	6.0
	4ED	6.0	5.8	5.7	5.5	5.5	5.9	5.7	5.6	5.6	5.6	5.8	7.9
	4FA	6.8	5.8	4.2	6.7	14.8	5.9	4.2	4.0	3.8	16.6	45.6	20.3
	4FB	1.9	1.8	1.3	0.8	2.7	3.3	1.8	1.4	1.4	0.0	34.8	14.2
	4GA	2.7	2.8	2.6	2.0	2.9	3.1	2.7	2.6	2.6	0.6	26.0	15.2
	4GB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.5
	4GC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4GG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
	4HA	4.6	4.3	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	7.5	9.7
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.3	0.3	0.2	0.2	0.7	1.0	0.3	0.2	0.2	0.2	0.7	0.7
	5AB	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.4
	5AC	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	5AD	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	5BA	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.7	0.4
	5BB	0.2	0.2	0.2	0.2	0.3	0.5	0.2	0.2	0.2	0.2	2.4	0.8
	5BC-1	0.6	0.6	0.5	0.5	0.6	0.8	0.6	0.5	0.5	0.5	4.7	2.6
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	0.4	0.3	0.3	0.3	0.4	0.5	0.4	0.3	0.4	0.3	1.2	0.7
	5BE	0.2	0.2	0.1	0.1	0.8	0.5	0.1	0.1	0.1	2.2	10.9	5.1
	5CA	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	0.4	0.4	0.2	0.5	3.6	0.7	0.2	0.0	0.0	8.2	25.8	11.4
	5DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.5	0.3
	5DD	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.1
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	24.1
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2010 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.0	0.6	1.9	3.1	3.7	2.4	2.4	1.5	3.6	4.2	2.2	1.0
	1AB	4.0	1.4	3.8	6.6	7.8	4.8	5.2	3.4	7.1	8.2	4.5	2.4
	1AC	0.7	0.1	0.7	1.3	1.4	1.0	1.1	0.5	1.5	2.1	1.1	0.4
	1AD	2.5	0.7	1.8	2.7	3.6	2.6	2.5	1.3	3.0	4.5	2.8	1.2
	1AE	0.9	0.3	0.8	0.9	1.2	0.8	0.6	0.4	0.6	1.2	1.0	0.5
	1AF	2.3	1.0	2.6	2.9	3.9	3.1	2.5	1.8	3.0	4.7	3.2	1.5
	1AG	1.7	0.6	1.9	2.2	3.2	2.4	2.0	1.3	2.3	3.7	2.6	1.1
	1AH	1.5	0.2	1.7	1.6	2.7	1.4	0.7	0.5	1.3	2.6	1.7	0.6
	1BA	2.7	0.5	5.4	6.2	6.2	2.4	1.9	1.7	3.2	2.5	1.9	0.6
	1BB	8.3	2.1	14.1	17.9	21.2	8.5	7.9	6.5	10.2	8.1	5.9	2.2
	1BC	2.5	0.9	1.7	4.6	10.1	4.4	4.1	3.5	4.3	4.4	3.0	1.2
	1BD	4.5	2.1	2.7	5.4	9.4	4.7	4.9	3.8	6.5	5.4	3.6	2.1
	1BE	5.5	1.6	2.3	9.5	24.5	10.4	9.5	8.4	9.8	10.9	7.9	2.4
	1BG	7.7	3.0	3.6	13.3	21.7	9.4	11.7	8.2	15.3	14.0	7.6	3.7
	1BH	5.6	2.0	3.9	9.6	13.8	7.2	8.3	5.6	11.2	11.1	6.1	3.1
	1CA	4.9	2.4	4.6	5.0	8.4	4.3	4.0	4.5	5.7	3.9	2.7	2.0
	1CB	6.1	2.3	5.1	4.9	10.7	5.0	5.5	6.2	7.1	4.5	2.7	1.7
	1CC	8.5	4.3	7.3	6.9	13.0	7.3	7.7	8.1	9.4	6.8	4.8	3.6
	1CD	16.4	6.9	13.5	15.2	27.4	15.0	16.2	15.7	22.1	14.7	8.5	5.6
	1CE	3.6	1.6	2.1	4.6	5.9	3.7	4.8	2.9	7.5	5.1	2.6	1.7
	1DA	7.1	3.4	5.0	8.6	10.3	8.5	9.0	6.1	13.4	10.6	5.7	3.6
	1DB	9.5	4.8	8.9	14.8	17.6	11.7	12.9	8.8	16.4	17.8	10.6	6.7
	1DC	3.9	2.3	3.2	4.9	6.5	5.2	5.2	3.5	6.0	7.4	5.2	2.8
	1DD	3.8	2.4	3.8	4.7	6.3	5.2	4.9	3.4	5.2	7.1	5.6	3.1
	1EA	9.3	5.6	7.7	9.7	12.6	11.3	10.7	9.0	13.7	10.9	6.9	5.0
	1EB	5.9	4.4	6.0	7.0	8.7	7.6	6.9	6.1	8.1	7.6	5.8	4.3
	1EC	3.9	2.7	3.5	4.2	5.0	4.8	4.6	3.7	5.5	5.1	3.6	2.7
	1ED	1.6	1.0	1.5	1.6	2.3	1.8	1.8	1.3	1.8	2.2	1.7	1.1
	1EE	2.7	0.5	1.4	1.8	4.8	2.6	1.6	0.5	1.5	2.6	3.6	1.2
	1EF	2.8	0.0	0.0	1.5	5.9	0.9	0.4	0.0	0.2	2.2	2.8	0.0
	1EG	4.2	1.2	3.3	3.7	7.4	4.0	2.5	1.5	2.6	4.1	4.5	2.0
	1FA	2.4	0.8	1.8	1.8	4.2	2.3	2.2	2.2	3.1	2.1	1.0	0.5
	1FB	7.7	3.8	5.9	5.9	11.2	8.3	7.5	6.0	9.8	7.8	4.2	2.7
	1FC	4.2	2.1	3.0	3.4	5.5	4.6	4.0	3.0	4.9	4.4	2.7	1.7
	1FD	7.9	3.6	5.7	6.1	11.2	7.9	5.8	4.6	8.5	7.6	4.5	2.9
	1FE	9.9	4.6	7.9	9.9	16.4	10.7	9.2	7.2	12.8	10.2	6.7	4.0
	1FF	1.7	0.3	1.5	2.7	4.6	1.6	1.1	0.6	2.0	1.8	1.0	0.3
	1FG	4.8	0.0	2.8	4.6	11.6	0.3	0.0	0.0	0.0	3.8	1.8	0.0
LVSCA	1GA	10.7	2.8	7.1	7.4	15.3	7.7	5.9	5.4	9.7	6.7	4.1	2.4
	1GB	10.7	1.9	8.6	7.0	14.5	8.0	3.1	2.7	9.2	6.5	3.1	1.8
	1GC	15.2	5.1	13.9	15.0	24.2	10.0	10.1	10.4	14.0	12.8	7.5	5.8
	1GD	4.8	0.0	5.9	6.7	12.3	2.4	0.8	0.2	2.4	1.5	0.3	0.0
	1GE	0.3	0.0	0.5	0.5	8.7	1.8	1.3	0.1	1.7	1.1	0.1	0.0
	1GF	1.5	0.0	4.3	7.2	9.5	0.0	0.0	0.0	0.9	0.0	0.0	0.0
	1GG	7.2	2.1	6.6	6.7	12.6	5.1	4.1	4.0	6.0	5.0	2.9	2.3
	1HA1	3.7	1.2	4.6	7.2	10.0	2.8	1.9	1.5	4.0	2.3	1.6	1.1
	1HA2	0.2	0.0	0.5	1.8	4.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0
	1HB1	1.7	0.2	1.2	2.7	6.0	1.3	0.3	0.0	0.2	0.5	0.7	0.3
	1HB2	1.4	0.3	1.7	2.9	4.6	0.8	0.3	0.1	0.7	0.8	0.5	0.2
	1HC	0.6	0.0	0.0	0.9	4.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	1HD	6.8	1.1	6.2	9.8	18.4	5.2	2.7	1.2	7.3	5.0	2.5	3.0
	1HE	6.2	0.4	2.2	7.8	15.3	3.6	1.7	0.1	5.0	4.4	2.9	2.5
	1HF	0.0	0.0	0.0	0.0	6.4	4.1	0.3	0.0	0.0	0.0	0.0	0.0
	1HG	2.1	0.1	0.3	2.8	6.3	0.9	0.3	0.0	0.1	0.7	0.9	0.8
	1JA	14.9	6.3	16.2	15.2	22.4	8.9	7.7	7.1	9.8	13.5	8.3	8.6
	1JB	2.9	1.2	3.4	3.5	5.5	1.9	1.7	1.4	1.7	2.9	1.6	1.7
	1JC	5.6	2.7	6.0	6.8	10.3	4.5	4.4	3.9	4.8	6.3	3.6	3.5
	1JD	3.4	2.2	3.8	4.4	5.9	3.0	2.9	2.7	3.1	3.6	2.5	2.5
	1JE	9.1	3.6	9.6	8.7	13.7	4.4	2.4	1.8	4.6	6.4	3.7	6.4
	1JF	18.5	8.7	20.0	18.9	27.6	10.1	7.1	6.6	10.9	14.4	8.7	12.2
	1JG1	3.8	0.4	3.3	4.9	9.7	3.5	2.6	1.3	3.2	3.6	1.9	1.4
	1JG2	1.5	0.0	1.0	2.2	3.3	0.5	0.3	0.1	1.1	0.4	0.4	0.2
	1KA	4.3	0.6	2.5	4.8	10.6	3.5	1.3	0.7	5.6	3.8	2.0	3.5
	1KB	29.5	5.6	20.1	36.8	68.3	19.0	8.4	4.1	22.6	22.5	12.5	22.9
	1KC	32.2	8.6	27.2	36.4	59.9	18.0	9.7	4.5	16.2	25.4	15.1	23.2
	1LA1	18.0	5.9	20.0	16.3	24.4	8.2	4.7	3.7	7.2	13.4	7.7	10.8
	1LA2	17.2	4.7	12.8	15.1	23.4	8.1	4.1	2.3	5.6	10.3	7.9	9.2
	1LA3	13.7	7.1	16.4	18.7	24.0	7.4	2.5	1.3	1.4	2.1	5.8	12.7
	1LB1	26.4	9.2	26.2	20.2	27.7	9.2	4.7	4.4	6.9	17.1	11.0	14.0
	1LB2	5.3	4.4	15.1	12.3	18.9	3.5	0.3	0.0	0.0	0.0	6.7	11.3

Monthly Surface Water by Sub-basin

Year 2010 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.0	0.0	0.3	10.7	27.6	14.9	14.8	10.4	14.6	10.3	6.4	1.9
	2BB	0.0	0.0	0.6	17.3	44.3	23.9	23.7	16.7	23.5	16.6	10.2	3.0
	2BC	5.1	0.8	1.6	12.6	35.7	19.2	21.5	19.6	23.3	17.8	9.8	2.9
	2BD	0.0	0.0	0.0	0.0	1.5	1.2	0.6	0.8	1.4	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	16.4	0.9	59.3	63.0	111.1	34.0	32.9	43.4	50.3	25.6	11.1	3.1
	2CC	0.0	0.0	20.2	62.9	93.2	35.6	20.6	15.6	35.9	22.4	13.8	2.5
	2D	0.0	0.0	0.2	10.2	87.8	17.8	8.7	4.6	12.1	2.7	1.0	0.0
	2EA	1.8	1.3	4.3	6.4	7.0	2.4	1.0	3.5	5.2	2.2	1.0	0.2
	2EB	2.9	2.2	7.2	10.5	11.6	4.0	1.7	5.7	8.6	3.7	1.7	0.4
	2EC	0.7	0.9	4.6	10.6	10.1	5.2	2.3	4.7	10.1	7.1	4.3	1.0
	2ED	2.1	1.0	5.9	13.4	16.5	8.8	5.9	10.1	16.0	9.9	5.5	1.5
	2EE	8.4	1.4	13.2	15.7	30.1	8.5	8.5	12.0	15.6	6.7	3.6	0.9
	2EF	1.4	0.7	3.9	8.7	10.8	5.8	3.8	6.6	10.4	6.4	3.6	0.9
	2EG1	0.8	0.4	3.4	6.0	8.1	2.9	1.9	3.3	5.4	3.3	1.7	0.5
	2EG2	2.7	1.5	11.5	20.1	27.0	9.6	6.3	11.0	17.9	11.1	5.6	1.7
	2EH	1.6	0.0	8.7	7.1	15.2	2.8	2.2	4.0	5.0	2.0	1.2	0.5
	2EJ	0.0	0.0	0.0	0.0	7.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.6	0.1	3.0	7.1	12.0	2.4	0.9	2.8	4.3	1.1	0.5	0.1
	2FA	0.4	0.5	1.8	3.8	4.2	1.8	0.6	1.4	3.8	3.8	2.7	0.5
	2FB	0.1	0.1	0.5	1.0	1.1	0.5	0.2	0.4	1.0	1.0	0.7	0.1
	2FC	0.2	0.8	7.8	9.0	8.4	2.9	1.0	3.3	8.1	8.4	4.3	0.9
	2GA	1.0	0.3	1.7	3.1	4.5	1.9	0.6	1.4	2.8	4.2	2.8	0.7
	2GB	5.4	2.4	9.3	10.7	13.7	4.1	1.6	6.6	10.7	13.5	6.7	1.6
	2GC	4.1	1.4	6.8	8.3	10.1	3.3	1.0	1.3	4.8	7.6	6.3	1.8
	2GD	5.8	2.0	9.6	11.7	14.2	4.6	1.4	1.9	6.8	10.8	8.9	2.5
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.2	0.8	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	6.5	1.9	0.3	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	20.6	9.4	28.6	29.9	35.5	9.7	2.2	0.7	2.1	15.1	18.8	10.6
	2KB	2.0	1.0	1.1	2.2	2.6	1.0	0.8	0.3	0.8	1.7	2.6	2.7
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	3.7	2.0	4.1	9.0	12.8	3.5	1.6	1.3	1.3	1.4	1.7	1.7
	3AB	1.1	0.6	1.6	4.6	5.3	1.3	0.3	0.1	0.1	0.1	0.1	0.1
	3AC	1.0	0.5	2.0	7.6	5.5	1.8	0.3	0.1	0.1	0.0	0.2	0.1
	3BA	2.3	0.9	2.5	6.6	6.8	1.7	0.4	0.3	0.3	0.4	0.9	0.7
	3BB	1.8	0.8	2.0	4.2	4.9	1.3	0.5	0.3	0.4	0.5	0.9	0.6
	3BC	4.6	3.1	5.3	10.2	11.8	4.3	2.4	2.1	2.1	2.1	2.2	2.3
	3BD	2.5	1.2	2.5	4.6	5.1	1.6	0.9	0.8	0.8	0.8	0.8	0.9
	3CB	3.2	2.2	3.8	7.7	6.9	3.0	2.4	2.2	2.1	2.2	2.4	2.4
	3DA	1.4	0.8	5.0	7.5	1.9	0.8	1.2	1.6	1.5	1.4	1.4	1.4
	3DB	1.4	0.4	0.0	6.1	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	3EA	0.0	0.2	4.3	7.7	3.2	1.1	0.2	0.0	0.0	0.0	0.0	0.0
	3EB	0.0	0.0	2.4	7.5	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	0.0	0.0	2.3	6.3	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	1.1	1.3	0.0	5.9	1.8	1.9	1.2	1.1	1.0	0.9	1.0	1.0
	3FB	0.0	0.0	0.0	5.2	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.7	0.3	1.0	3.1	5.5	5.7	0.2	0.1	0.1	0.1	0.3	0.2
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	2.3	1.6	0.2	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2010 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.8	1.2	5.6	11.1	9.8	1.6	1.1	1.0	1.0	1.0	2.7	2.0
	4AB	2.8	2.0	5.7	9.9	11.2	2.8	1.8	1.6	1.5	1.6	5.0	2.8
	4AC	3.5	2.6	5.4	10.2	11.9	3.5	2.4	2.3	2.8	3.4	4.5	3.1
	4AD	4.6	2.9	7.1	12.1	14.2	3.7	2.4	2.2	2.4	3.0	4.8	3.4
	4BA	0.6	0.4	1.0	4.8	7.6	1.0	0.4	0.4	0.3	0.3	0.4	0.6
	4BB	2.5	1.2	4.1	7.7	10.0	1.5	0.9	0.9	0.9	0.9	2.0	1.4
	4BC	0.6	1.6	0.4	4.6	5.7	2.6	1.8	1.7	1.6	1.6	0.8	1.8
	4BD	4.4	2.1	6.9	13.2	17.5	2.9	1.8	1.7	1.6	1.6	3.4	2.4
	4BE	4.0	2.8	4.8	12.5	16.5	4.2	2.2	1.9	1.9	1.9	2.1	2.6
	4BF	2.6	2.1	3.8	6.3	6.4	2.4	2.0	1.9	1.9	1.8	1.9	1.9
	4BG	0.9	1.1	0.7	5.4	4.4	2.0	1.2	1.0	0.9	0.8	0.6	1.2
	4CA	7.4	5.2	8.2	12.2	14.1	6.3	4.5	4.2	4.1	4.5	5.8	4.7
	4CB	4.9	3.5	5.3	8.7	9.8	4.0	3.0	2.8	2.7	2.7	2.9	2.9
	4CC	4.5	3.9	8.8	14.5	7.5	4.1	2.8	2.5	2.5	2.4	2.4	2.5
	4DA	3.5	3.1	5.3	14.8	16.2	5.0	3.5	3.2	3.1	2.9	3.7	3.9
	4DB	1.0	0.6	3.0	11.2	8.4	1.5	0.7	0.5	0.5	0.4	1.8	1.2
	4DC	1.1	0.7	2.8	10.2	7.7	1.5	0.7	0.6	0.5	0.5	1.9	1.2
	4DD	0.3	0.3	0.5	2.5	1.2	0.7	0.4	0.3	0.3	0.2	0.2	0.3
	4DE	0.3	0.6	0.0	5.1	2.4	1.6	0.7	0.5	0.4	0.3	0.0	0.7
	4EA	6.0	4.4	12.2	29.6	16.9	4.7	4.1	4.0	3.9	3.8	12.2	6.3
	4EB	7.1	5.2	16.3	43.1	24.9	5.6	4.8	4.8	4.6	5.3	20.9	8.4
	4EC	4.6	4.1	6.0	15.3	9.8	5.0	4.1	3.8	3.7	3.7	4.4	4.5
	4ED	6.7	6.5	10.4	33.2	14.2	9.3	6.8	6.1	5.8	5.6	7.0	7.5
	4FA	9.2	5.8	15.7	38.8	24.3	6.1	4.6	4.4	4.0	4.7	19.9	9.5
	4FB	5.6	2.6	1.3	22.8	12.1	4.3	1.9	1.5	1.4	1.2	3.5	5.9
	4GA	7.5	4.6	2.0	16.4	12.7	5.8	3.6	3.0	2.8	2.5	2.2	4.2
	4GB	0.5	0.0	0.0	0.3	3.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	4GC	0.0	0.0	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4GD	0.0	0.0	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4GE	0.0	0.0	0.0	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	0.0	0.0	0.0	0.0	4.2	3.7	0.3	0.0	0.0	0.0	0.0	0.0
	4GG	0.0	0.0	0.0	0.0	0.2	6.6	4.1	0.0	0.0	0.0	0.0	0.0
	4HA	8.1	6.3	6.7	19.7	9.8	6.5	4.8	4.2	4.0	4.0	5.5	4.5
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	3.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	4.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	8.1	2.0	5.6	9.6	10.6	3.3	1.2	6.3	9.7	4.0	2.1	0.6
	5AB	3.3	0.5	2.1	2.7	3.5	0.8	0.3	2.9	3.2	1.6	0.8	0.2
	5AC	1.5	0.3	0.5	3.1	17.7	3.1	0.4	1.5	4.8	0.6	0.4	0.1
	5AD	1.1	0.1	0.2	0.6	1.8	0.6	0.1	0.6	1.7	0.4	0.3	0.1
	5BA	0.5	0.2	1.6	2.3	2.8	0.4	0.1	0.1	0.1	0.1	1.0	0.6
	5BB	3.5	0.5	4.2	4.9	5.2	1.0	0.3	1.2	3.6	2.2	4.3	0.9
	5BC-1	7.3	1.1	9.1	11.0	13.0	2.9	0.9	2.5	7.1	2.7	5.6	2.1
	5BC-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5BD	3.4	0.7	2.0	2.4	3.6	1.3	0.5	2.2	4.2	1.9	1.4	0.5
	5BE	3.5	0.3	12.7	12.7	11.0	1.1	0.2	0.2	0.3	0.3	6.8	2.7
	5CA	6.9	0.7	1.5	6.4	29.1	5.8	0.8	2.1	4.5	0.7	0.3	0.2
	5CB	2.3	0.4	0.1	3.4	9.9	1.9	0.2	0.1	0.2	0.0	0.0	0.0
	5CC	1.0	0.3	0.9	4.8	17.7	2.8	0.5	0.6	1.1	0.2	0.0	0.0
	5DA	4.8	0.8	9.0	23.4	14.2	2.1	0.6	0.0	1.0	0.1	8.8	2.8
	5DB	0.0	0.0	1.5	3.4	3.9	0.6	0.2	0.2	0.2	0.0	0.2	0.3
	5DC	0.5	0.1	0.0	0.4	0.9	0.5	0.2	0.0	0.8	0.4	0.4	0.5
	5DD	0.3	0.0	0.0	1.0	2.0	0.6	0.0	0.0	0.8	0.3	0.2	0.4
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	6.8	0.0	0.0	27.9	20.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2021 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.3	1.0	6.2	3.2	1.0	1.3	2.1	3.7	1.4	2.0	0.8
	1AB	1.2	0.9	2.3	12.1	6.6	2.8	3.6	4.9	8.3	3.6	3.5	1.8
	1AC	0.0	0.0	0.0	2.7	1.5	0.4	0.5	0.7	1.9	0.7	0.8	0.2
	1AD	0.6	0.4	0.5	7.0	4.0	1.3	0.8	1.3	3.5	2.0	2.9	1.2
	1AE	0.4	0.2	0.4	2.6	1.3	0.5	0.3	0.3	0.6	0.5	1.0	0.5
	1AF	1.0	0.7	1.0	6.7	4.6	1.6	1.4	1.9	3.6	2.2	3.4	1.4
	1AG	0.6	0.3	0.5	5.4	3.8	1.3	0.9	1.4	2.5	1.5	2.7	1.0
	1AH	0.3	0.1	0.4	5.1	2.7	0.6	0.3	0.3	1.1	0.9	2.6	0.6
	1BA	0.3	0.3	1.9	7.6	3.2	0.9	6.0	10.0	3.2	1.9	1.0	0.5
	1BB	1.8	1.7	6.5	25.6	11.6	3.5	17.6	28.4	12.5	7.5	4.0	2.3
	1BC	1.0	0.9	1.0	15.8	8.4	3.6	6.5	8.9	9.9	6.6	3.3	1.5
	1BD	2.1	2.1	1.9	11.4	6.2	3.8	4.2	8.1	7.4	5.0	3.0	2.3
	1BE	1.4	1.1	0.8	30.7	16.1	7.2	8.1	14.5	19.7	13.0	6.0	2.4
	1BG	2.4	2.3	4.1	30.4	13.7	7.1	8.9	13.8	19.8	10.6	5.2	3.1
	1BH	1.7	1.5	3.0	19.5	9.9	5.0	6.5	8.6	13.7	7.1	4.0	2.3
	1CA	1.8	1.8	1.9	7.5	4.7	2.8	3.4	7.3	5.2	3.2	2.2	1.9
	1CB	1.4	1.3	1.5	9.2	4.8	2.5	3.2	7.1	5.8	3.3	1.8	1.5
	1CC	3.0	2.9	3.0	10.8	6.7	4.3	6.6	9.9	7.8	5.0	3.6	3.2
	1CD	5.0	4.9	5.7	28.6	15.1	8.8	11.5	21.6	19.7	10.9	6.8	5.5
	1CE	1.6	1.5	2.0	9.6	4.1	2.9	3.6	4.6	6.5	3.6	2.3	1.7
	1DA	3.0	2.8	4.0	18.4	8.6	5.3	6.3	8.5	13.7	7.0	5.7	3.5
	1DB	4.7	4.2	6.7	26.5	15.5	8.4	10.6	12.5	19.8	10.6	8.7	5.7
	1DC	2.2	1.9	1.4	10.5	7.1	3.7	3.6	4.5	7.6	4.8	4.8	2.8
	1DD	2.5	2.1	1.9	9.7	7.7	3.8	3.4	4.2	6.3	4.5	5.5	3.1
	1EA	5.3	4.7	6.9	19.7	10.7	7.5	8.9	11.1	14.3	8.8	7.7	5.7
	1EB	4.5	4.0	5.2	13.9	8.3	5.9	6.2	7.2	8.8	6.2	6.6	4.7
	1EC	2.6	2.4	2.8	8.3	5.0	3.4	3.6	4.5	6.3	4.1	4.0	2.8
	1ED	1.0	0.9	0.8	3.6	2.6	1.4	1.3	1.6	2.0	1.6	2.1	1.2
	1EE	0.6	0.6	0.0	6.2	6.1	1.7	0.3	0.8	1.5	1.8	4.8	1.3
	1EF	0.0	0.0	0.0	6.5	5.4	0.5	0.0	0.0	0.0	1.0	5.1	0.4
	1EG	1.2	0.9	1.1	9.0	7.9	3.0	1.7	2.3	2.8	2.3	6.0	2.2
	1FA	0.2	0.2	0.2	2.9	2.0	1.0	2.4	3.4	2.5	1.2	0.5	0.3
	1FB	2.1	1.8	2.1	9.3	6.5	3.9	4.9	7.1	7.4	4.7	3.4	2.4
	1FC	1.4	1.3	1.6	5.8	4.7	2.7	3.4	4.4	4.4	3.0	2.5	1.7
	1FD	1.9	1.6	2.3	8.9	8.0	4.4	7.4	8.5	7.1	4.8	3.4	2.2
	1FE	3.7	2.8	4.5	20.4	13.1	7.2	7.1	9.3	10.7	7.4	6.8	4.3
	1FF	0.2	0.0	0.5	4.9	2.9	1.3	0.7	1.1	1.5	0.8	0.9	0.4
	1FG	0.0	0.0	0.0	9.8	7.0	0.0	0.0	0.0	0.0	0.1	7.3	0.0
LVSCA	1GA	1.1	0.8	2.0	14.0	10.6	3.7	9.5	10.5	7.9	4.6	2.2	1.3
	1GB	0.7	0.4	1.0	12.8	12.2	2.6	7.3	6.6	5.1	3.4	2.0	0.8
	1GC	2.6	2.3	4.6	21.9	18.4	6.6	13.4	17.8	13.2	9.3	4.9	3.3
	1GD	0.0	0.0	0.0	12.3	10.4	0.1	1.3	2.9	2.2	1.5	0.0	0.0
	1GE	0.0	0.0	0.3	9.3	10.1	0.1	0.3	0.8	4.0	1.7	0.5	0.0
	1GF	0.0	0.0	0.0	9.1	4.6	0.0	0.0	0.0	0.5	0.6	0.0	0.0
	1GG	0.7	0.4	2.4	12.6	9.6	2.4	6.1	8.1	5.7	3.5	1.5	0.9
	1HA1	0.8	0.6	2.6	7.0	5.5	2.3	2.0	2.3	2.3	1.7	1.2	1.0
	1HA2	0.0	0.0	0.1	1.2	1.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
	1HB1	0.1	0.0	0.0	3.5	3.3	1.3	0.3	0.2	0.2	0.2	1.1	0.7
	1HB2	0.2	0.1	1.2	3.4	2.1	1.0	0.5	0.4	0.5	0.3	0.3	0.3
	1HC	0.0	0.0	0.0	0.2	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.1
	1HD	0.4	0.1	1.6	13.7	9.3	3.3	1.7	2.4	4.8	3.5	1.6	0.7
	1HE	0.2	0.0	0.1	7.2	8.8	2.7	0.8	0.9	2.6	2.7	1.5	0.9
	1HF	0.0	0.0	0.0	0.0	1.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0
	1HG	0.1	0.0	0.1	2.2	3.3	0.7	0.1	0.0	0.0	0.0	0.2	0.2
	1JA	4.1	3.4	6.9	27.8	17.9	7.5	10.6	13.5	12.6	11.8	7.1	4.8
	1JB	0.7	0.5	1.8	7.3	4.1	1.6	2.1	2.6	2.8	2.8	1.7	1.0
	1JC	2.1	1.9	4.0	13.1	8.1	3.5	5.1	6.6	6.1	5.6	3.8	2.6
	1JD	2.0	1.8	2.7	8.4	7.0	3.0	3.2	3.7	4.4	5.0	3.1	2.2
	1JE	1.8	1.1	3.2	14.8	8.1	3.4	3.9	3.7	3.9	4.6	2.2	1.6
	1JF	4.9	3.8	9.3	37.7	23.3	9.9	12.1	13.3	12.9	15.2	8.0	5.2
	1JG1	0.3	0.3	0.6	8.5	4.3	1.4	0.9	2.0	2.3	3.0	1.4	0.4
	1JG2	0.3	0.2	0.0	2.6	1.7	0.4	0.0	0.5	0.3	0.7	0.4	0.3
	1KA	0.6	0.2	0.7	6.0	6.1	1.8	1.0	1.3	3.0	1.7	1.3	1.0
	1KB	4.8	2.0	4.8	41.5	35.4	11.5	6.5	7.0	11.6	10.2	6.4	4.9
	1KC	8.1	4.4	5.9	43.2	24.8	11.6	5.9	4.5	4.0	7.6	4.8	4.9
	1LA1	2.9	1.7	4.7	29.7	18.4	5.9	9.1	9.7	8.3	9.5	4.3	2.8
	1LA2	4.9	3.5	3.3	22.1	11.3	6.0	3.5	3.5	2.2	4.1	2.8	3.6
	1LA3	1.9	1.6	1.4	23.0	16.2	6.8	2.5	1.7	1.0	1.3	1.1	1.1
	1LB1	4.4	2.7	6.2	41.2	31.5	9.9	10.9	12.2	9.3	11.8	5.0	3.6
	1LB2	0.3	0.2	0.7	21.1	11.9	3.6	1.0	0.2	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2021 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.9	0.3	0.7	36.2	19.8	4.4	23.8	36.4	24.6	15.4	7.4	2.2
	2BB	1.5	0.4	1.1	58.3	31.9	7.0	38.3	58.5	39.5	24.8	11.9	3.6
	2BC	1.0	0.1	0.1	71.1	41.6	11.5	24.7	35.3	44.1	29.7	12.1	3.8
	2BD	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.7	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.7	0.1	4.3	117.9	33.2	5.8	29.1	69.9	34.4	13.0	3.9	2.0
	2CC	0.0	0.0	0.0	96.0	44.5	6.3	52.7	124.7	46.2	22.8	6.9	1.9
	2D	0.0	0.0	0.0	74.4	22.5	3.2	8.5	57.0	17.2	7.4	1.2	0.0
	2EA	0.1	0.0	0.5	9.0	5.0	1.3	2.9	6.4	2.1	1.3	0.9	0.3
	2EB	0.1	0.0	0.9	14.9	8.2	2.1	4.9	10.5	3.5	2.2	1.4	0.5
	2EC	0.0	0.0	0.0	3.2	8.8	2.8	2.9	8.5	5.5	3.8	1.5	0.3
	2ED	0.0	0.0	0.2	6.2	8.0	3.1	4.8	10.5	7.5	4.7	1.2	0.1
	2EE	0.0	0.0	1.8	34.4	11.1	2.9	9.7	18.6	11.1	5.4	1.0	0.2
	2EF	0.0	0.0	0.2	5.7	7.3	2.9	4.4	9.7	6.9	4.3	1.1	0.1
	2EG1	0.0	0.0	0.0	7.6	5.3	1.5	2.5	5.7	3.5	2.1	0.8	0.2
	2EG2	0.1	0.0	0.1	25.4	17.5	5.0	8.3	19.2	11.8	7.0	2.6	0.6
	2EH	0.0	0.0	2.9	20.9	3.9	0.8	3.6	8.0	3.5	1.9	0.6	0.2
	2EJ	0.1	0.0	0.1	19.1	7.2	2.3	1.5	4.9	2.0	1.7	0.9	0.5
	2EK	0.1	0.0	1.5	18.5	6.5	1.6	3.4	6.6	1.7	1.4	0.8	0.4
	2FA	0.1	0.0	0.0	1.2	3.1	1.1	1.1	3.5	1.5	0.9	0.8	0.3
	2FB	0.0	0.0	0.0	0.3	0.8	0.3	0.3	0.9	0.4	0.2	0.2	0.1
	2FC	0.2	0.0	0.0	4.9	8.0	1.7	2.3	6.9	3.0	2.3	1.1	0.5
	2GA	0.1	0.0	0.0	3.2	4.1	1.3	1.8	3.1	1.0	0.8	0.7	0.3
	2GB	1.1	0.2	0.1	14.6	12.5	3.1	7.8	9.5	3.1	2.8	3.1	1.8
	2GC	3.1	0.7	1.0	19.9	16.1	4.1	6.0	4.7	2.3	2.4	4.8	4.5
	2GD	4.4	0.9	1.4	28.1	22.7	5.8	8.5	6.7	3.2	3.4	6.8	6.4
	2H-1	0.0	0.0	0.0	4.7	8.5	3.3	0.8	0.2	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	13.9	19.0	2.9	0.8	0.1	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	4.8	6.6	1.4	0.1	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.5	0.1	0.4	27.8	31.4	7.9	3.5	2.9	1.8	2.5	0.8	0.5
	2KB	0.2	0.1	0.0	3.9	4.6	1.5	1.1	1.2	0.7	1.1	0.4	0.2
	2KC	0.0	0.0	0.0	0.0	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.2	1.1	1.3	15.7	10.3	2.5	1.3	1.2	1.2	1.2	1.3	1.3
	3AB	0.1	0.1	0.1	7.8	4.6	0.9	0.2	0.1	0.1	0.1	0.1	0.1
	3AC	0.0	0.0	0.0	9.9	6.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0
	3BA	0.3	0.2	0.5	6.4	5.5	1.1	0.3	0.2	0.2	0.3	0.5	0.4
	3BB	0.4	0.3	0.6	6.1	4.7	0.9	0.4	0.3	0.3	0.4	0.6	0.5
	3BC	2.7	2.1	2.1	13.8	14.2	3.8	2.5	2.2	2.1	2.1	2.4	3.0
	3BD	0.9	0.7	0.7	6.2	6.0	1.4	0.9	0.8	0.7	0.7	0.8	0.9
	3CB	2.3	2.1	2.1	7.2	8.0	2.7	2.3	2.2	2.1	2.2	2.3	2.4
	3DA	1.3	1.5	2.1	16.1	8.8	1.1	1.0	1.5	1.5	1.5	1.4	1.1
	3DB	0.4	0.0	1.0	13.9	5.0	1.4	0.1	0.0	0.0	0.0	0.0	0.3
	3EA	0.0	0.0	1.2	18.1	7.5	1.4	0.2	0.0	0.0	0.0	0.0	0.0
	3EB	0.9	0.0	3.4	21.6	7.8	1.2	0.1	0.0	0.0	0.0	0.0	1.0
	3EC	0.9	0.0	3.4	22.7	7.6	1.5	0.1	0.0	0.0	0.0	0.0	0.8
	3ED	0.0	0.0	0.1	9.4	2.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	1.3	1.1	0.0	18.2	4.1	2.9	1.3	1.1	1.1	1.0	1.1	1.0
	3FB	0.0	0.0	0.0	23.0	5.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	34.8	7.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	1.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.0	0.2	4.6	3.5	0.6	0.1	0.1	0.1	0.1	0.1	0.1
	3LA	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2021 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.6	1.2	3.8	9.9	11.2	2.4	1.4	1.3	1.2	1.4	3.9	2.9
	4AB	3.0	1.6	4.4	15.0	13.7	3.3	2.3	2.1	1.7	1.9	5.6	4.8
	4AC	1.9	0.2	2.0	12.8	12.0	2.1	1.3	0.9	0.4	0.7	3.6	3.8
	4AD	3.5	1.1	3.9	19.2	17.2	3.2	2.7	2.2	1.4	2.0	6.7	6.6
	4BA	1.1	0.7	1.5	9.5	9.9	1.7	0.8	0.7	0.7	0.7	0.8	1.4
	4BB	3.9	2.5	4.7	17.2	15.2	3.5	3.3	3.1	2.7	3.2	6.6	6.7
	4BC	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	6.1	3.8	7.2	29.6	26.2	5.6	5.1	4.7	4.1	4.9	10.3	10.4
	4BE	4.6	2.2	2.8	28.1	24.8	4.7	3.2	3.1	2.4	2.6	5.9	6.8
	4BF	0.0	0.0	0.4	9.7	8.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4BG	0.0	0.0	0.0	11.1	9.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	4CA	3.4	1.2	1.3	17.7	16.4	3.3	3.1	2.4	1.6	2.0	5.2	6.0
	4CB	1.3	0.1	0.4	11.1	10.8	1.3	0.8	0.6	0.3	0.6	1.7	2.5
	4CC	0.4	0.0	0.1	3.6	3.5	0.4	0.3	0.2	0.1	0.2	0.6	0.8
	4DA	0.0	0.0	0.0	6.3	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	4.2	3.7	6.0	36.4	32.5	5.9	4.1	3.9	3.8	3.8	6.1	5.3
	4DC	1.8	1.4	3.4	15.2	12.7	2.7	1.6	1.5	1.5	1.5	3.8	2.8
	4DD	0.1	0.1	0.0	2.9	2.7	0.4	0.1	0.1	0.1	0.1	0.0	0.1
	4DE	0.5	0.0	0.0	7.2	7.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
	4EA	8.1	6.0	14.7	46.9	31.8	8.6	6.3	6.0	5.9	5.8	24.7	12.5
	4EB	6.3	5.1	17.9	58.7	38.7	7.2	5.6	5.3	5.2	5.4	29.4	12.5
	4EC	0.0	0.0	1.0	16.3	10.7	0.4	0.0	0.0	0.0	0.0	0.7	0.8
	4ED	0.0	0.0	0.0	39.7	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4FA	12.6	10.3	22.4	86.7	67.8	14.1	10.9	10.4	10.2	10.7	43.7	23.5
	4FB	3.5	0.5	0.0	45.1	33.1	4.5	0.6	0.1	0.0	0.0	20.2	8.5
	4GA	5.7	3.8	1.4	23.7	28.0	6.4	3.9	3.6	3.5	3.0	9.2	10.2
	4GB	1.8	0.3	0.0	2.6	8.7	2.8	0.3	0.2	0.1	0.0	0.0	1.7
	4GC	1.2	0.1	0.0	0.0	2.5	1.8	0.1	0.1	0.0	0.0	0.0	0.6
	4GD	2.2	0.4	0.0	0.0	5.1	3.7	0.4	0.3	0.2	0.0	0.0	1.7
	4GE	1.3	0.2	0.0	0.0	3.3	2.4	0.2	0.1	0.1	0.0	0.0	1.3
	4GF	3.5	0.8	0.0	0.0	8.6	6.9	0.6	0.5	0.3	0.0	0.0	4.0
	4GG	2.8	0.1	0.0	0.0	7.6	6.3	0.0	0.0	0.0	0.0	0.0	3.5
	4HA	0.0	0.0	0.0	14.6	7.0	2.6	0.3	0.0	0.0	0.0	0.0	0.0
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.4	0.3	2.1	15.9	6.8	1.9	4.3	9.9	2.4	2.0	1.9	0.7
	5AB	0.1	0.1	1.0	6.8	2.3	0.5	1.9	2.8	0.4	0.4	0.7	0.2
	5AC	0.0	0.0	0.3	7.3	2.2	0.5	0.1	1.0	0.3	0.1	0.2	0.1
	5AD	0.1	0.1	0.2	4.7	1.5	0.4	0.1	0.6	0.2	0.1	0.2	0.1
	5BA	0.3	0.2	0.7	4.0	3.1	0.8	0.2	0.2	0.2	0.2	1.2	0.9
	5BB	0.6	0.3	2.1	9.5	5.9	1.2	0.9	0.9	0.5	0.8	2.8	1.5
	5BC-1	1.1	0.8	4.4	26.1	11.7	3.4	2.2	3.0	1.3	1.3	4.5	2.9
	5BC-2	0.1	0.1	0.4	2.6	1.1	0.3	0.2	0.3	0.1	0.1	0.4	0.3
	5BD	0.5	0.5	1.0	9.2	3.2	1.1	1.5	2.3	0.8	0.8	1.1	0.7
	5BE	0.7	0.3	10.6	19.3	10.2	2.0	0.5	0.4	0.4	0.7	8.1	4.0
	5CA	0.1	0.1	3.1	21.8	5.5	1.0	0.2	0.7	0.6	0.4	0.2	0.1
	5CB	0.0	0.0	0.0	7.8	6.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	14.2	10.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0
	5DA	1.1	0.4	9.4	31.3	26.9	2.9	0.7	0.7	0.3	0.7	13.6	5.2
	5DB	0.0	0.0	0.1	3.3	3.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0
	5DC	0.2	0.1	0.0	2.7	1.2	0.5	0.1	0.4	0.2	0.0	0.3	0.5
	5DD	0.1	0.0	0.0	2.4	1.9	0.4	0.0	0.6	0.2	0.0	0.1	0.5
	5EA	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.1	50.7	30.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	78.9	60.8	14.0	8.8	4.6	2.8	1.8	1.1	0.5
	5ED	0.0	0.0	0.0	36.0	62.2	4.4	0.0	0.0	0.0	0.0	0.0	4.6
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.1	50.7	30.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	3.3	233.9	143.9	46.2	20.6	10.7	5.7	3.6	2.7	1.0

Monthly Surface Water by Sub-basin

Year 2022 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.4	0.4	1.6	6.6	2.9	1.3	2.0	1.7	2.7	4.3	2.6
	1AB	1.3	1.1	1.0	4.2	12.3	5.9	3.3	4.7	3.7	5.2	9.2	6.0
	1AC	0.0	0.0	0.0	0.2	3.2	1.3	0.6	0.8	1.0	1.5	2.3	1.5
	1AD	0.7	0.5	0.4	0.8	7.8	3.4	1.8	2.1	2.8	4.5	5.4	3.3
	1AE	0.4	0.3	0.2	0.4	2.9	1.2	0.7	0.9	0.9	1.6	1.9	1.1
	1AF	1.0	0.8	0.7	1.4	8.2	3.9	2.0	2.5	2.7	4.3	5.6	3.6
	1AG	0.6	0.4	0.3	0.7	6.2	3.0	1.5	1.9	1.8	2.9	4.2	2.8
	1AH	0.3	0.2	0.1	0.5	6.4	2.2	0.9	1.9	1.7	3.2	3.7	1.7
	1BA	0.3	0.3	0.3	6.9	10.2	5.2	2.9	4.9	1.6	3.1	7.0	4.1
	1BB	1.8	1.7	1.7	19.1	31.2	16.5	10.2	16.7	6.0	9.8	22.5	13.1
	1BC	1.1	0.9	0.9	3.0	13.4	8.1	5.7	9.6	5.2	4.6	12.0	7.4
	1BD	2.2	2.1	2.1	3.4	10.4	6.7	4.8	6.3	5.0	4.1	10.2	6.8
	1BE	1.5	1.2	1.1	2.5	22.8	13.7	9.6	15.9	10.2	7.2	23.6	14.4
	1BG	2.5	2.4	2.3	7.3	21.9	13.1	9.0	15.2	9.4	9.1	24.9	13.6
	1BH	1.8	1.7	1.5	5.4	16.2	9.6	6.1	9.2	6.7	6.9	16.5	9.7
	1CA	1.8	1.8	1.8	4.6	9.7	5.2	3.6	4.9	3.8	4.1	9.4	6.0
	1CB	1.4	1.4	1.3	3.7	10.3	5.2	3.2	5.4	4.2	5.1	11.7	6.6
	1CC	3.0	3.0	2.9	4.9	11.4	6.5	5.0	8.1	6.1	8.4	13.1	8.1
	1CD	5.1	5.0	4.9	11.5	29.3	16.9	11.4	19.0	15.4	16.5	34.1	19.2
	1CE	1.6	1.6	1.5	2.2	6.8	5.2	3.8	6.0	4.9	4.6	8.9	5.0
	1DA	3.2	3.0	2.8	4.1	15.0	10.6	7.3	12.0	10.9	12.2	23.1	15.3
	1DB	4.8	4.6	4.3	10.1	25.2	14.8	9.9	13.2	11.3	13.2	23.1	15.5
	1DC	2.3	2.1	2.0	1.8	10.6	6.9	4.6	5.3	5.9	6.5	9.7	7.6
	1DD	2.5	2.3	2.2	2.2	10.5	6.9	4.3	4.7	5.1	6.0	8.5	7.1
	1EA	5.3	5.1	4.8	6.3	15.1	11.8	9.8	16.0	13.5	15.8	22.3	13.0
	1EB	4.4	4.3	4.1	4.8	11.1	8.4	7.1	10.2	7.7	9.8	13.1	9.2
	1EC	2.6	2.5	2.4	2.8	7.2	5.1	4.3	6.2	5.5	7.5	12.8	9.1
	1ED	1.0	0.9	0.9	1.0	3.2	2.3	1.6	2.0	1.9	2.3	3.0	2.2
	1EE	0.5	0.6	0.6	0.0	6.1	5.3	1.8	2.1	2.5	3.2	4.7	4.0
	1EF	0.0	0.0	0.0	0.0	9.4	5.4	0.8	0.8	2.6	4.0	5.6	5.2
	1EG	1.1	0.9	0.9	1.1	7.5	6.3	3.0	4.6	4.1	6.1	8.8	5.3
	1FA	0.2	0.2	0.2	0.8	3.3	1.6	1.3	2.7	1.7	2.7	4.1	2.2
	1FB	2.1	2.0	1.9	2.5	8.3	5.8	4.7	7.8	7.1	9.3	13.5	7.6
	1FC	1.4	1.4	1.3	1.7	4.9	4.0	2.9	4.5	4.3	5.2	6.8	4.5
	1FD	1.9	2.0	1.8	3.3	9.4	6.2	4.5	7.2	5.9	9.1	11.4	7.3
	1FE	3.6	3.4	3.0	3.9	13.2	11.9	8.8	14.2	12.1	14.5	21.9	13.4
	1FF	0.1	0.1	0.0	0.1	2.4	2.6	1.7	2.7	2.2	3.0	5.9	3.0
	1FG	0.0	0.0	0.0	0.0	15.2	5.9	0.1	3.9	4.6	10.3	14.5	6.5
LVSCA	1GA	1.1	1.1	1.0	4.5	12.4	5.6	4.5	11.2	5.4	8.1	13.8	9.1
	1GB	0.8	1.1	0.8	3.1	12.2	5.2	1.7	6.5	3.5	8.7	14.3	8.6
	1GC	2.7	2.5	2.4	8.0	21.2	10.5	8.5	22.0	10.5	8.8	22.3	21.0
	1GD	0.0	0.0	0.0	0.2	9.4	3.8	0.0	2.9	0.8	2.2	12.3	8.4
	1GE	0.0	0.0	0.0	0.4	6.1	3.5	0.1	1.8	0.9	2.0	17.7	9.2
	1GF	0.0	0.0	0.0	0.0	3.6	2.7	0.0	0.0	0.0	0.0	13.6	5.8
	1GG	0.7	0.6	0.6	3.8	10.6	4.5	3.4	9.3	4.0	4.6	10.7	8.8
	1HA1	0.9	0.9	0.8	1.2	3.5	4.0	2.1	3.3	2.9	4.3	12.7	5.8
	1HA2	0.0	0.0	0.0	0.0	0.2	0.7	0.1	0.1	0.1	0.2	8.7	3.5
	1HB1	0.1	0.0	0.0	0.0	3.4	3.0	1.2	1.9	1.8	3.4	7.2	3.8
	1HB2	0.2	0.1	0.1	0.1	1.3	2.0	1.1	1.5	1.3	2.1	5.7	3.2
	1HC	0.0	0.0	0.0	0.0	1.6	2.1	0.4	0.1	0.1	1.1	5.7	3.9
	1HD	0.5	0.4	0.3	2.2	7.5	6.7	3.2	3.4	2.4	3.5	15.1	11.1
	1HE	0.4	0.4	0.2	1.2	9.6	5.6	2.4	1.5	1.2	3.2	14.5	8.5
	1HF	0.0	0.0	0.0	0.0	4.4	3.6	0.9	0.0	0.0	0.0	6.2	8.8
	1HG	0.1	0.0	0.0	0.9	8.7	1.9	0.4	0.0	0.0	1.1	7.3	4.2
	1JA	4.2	3.6	3.4	10.6	19.5	10.4	8.5	14.9	11.0	11.5	23.8	22.7
	1JB	0.8	0.6	0.6	2.6	4.3	2.0	1.8	2.8	2.2	2.8	5.5	4.9
	1JC	2.2	1.9	1.9	5.7	9.7	4.8	4.5	7.4	5.1	5.5	10.6	9.3
	1JD	2.0	1.9	1.8	3.5	4.9	3.1	2.9	3.9	3.2	3.7	7.2	10.9
	1JE	1.9	1.7	1.2	3.8	6.4	4.3	3.0	3.8	3.9	5.7	13.3	10.9
	1JF	4.7	4.1	3.7	9.8	17.4	11.6	8.4	13.1	11.8	13.7	30.3	34.1
	1JG1	0.3	0.3	0.3	0.8	3.8	2.6	1.6	2.0	1.8	1.7	5.9	5.8
	1JG2	0.3	0.2	0.2	0.0	1.1	1.3	0.4	0.2	0.4	0.3	2.4	2.5
	1KA	0.9	1.1	0.6	3.1	7.8	4.0	1.3	1.8	0.8	2.6	9.1	5.9
	1KB	6.4	6.3	4.1	19.3	53.8	22.4	9.1	10.3	6.8	17.4	61.2	44.7
	1KC	10.4	9.1	5.4	21.2	38.3	21.8	10.9	8.1	10.3	21.9	57.0	40.7
	1LA1	2.7	2.1	1.6	8.5	17.7	7.8	5.2	8.6	9.0	11.3	27.1	29.6
	1LA2	5.2	5.0	2.8	2.8	11.2	10.9	6.6	4.7	6.3	9.2	25.2	26.9
	1LA3	2.3	4.6	2.9	7.3	26.5	18.2	8.4	4.0	4.9	12.7	43.4	57.8
	1LB1	4.0	3.4	2.3	8.2	21.7	11.8	6.5	9.2	10.4	15.9	43.7	67.1
	1LB2	0.4	1.5	0.6	3.7	14.6	11.2	4.7	2.1	3.7	11.9	34.3	54.9

Monthly Surface Water by Sub-basin

Year 2022 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
	2BA	0.9	0.3	0.0	8.9	45.2	24.5	15.5	31.4	11.6	10.2	27.4	18.0
	2BB	1.5	0.5	0.0	14.3	72.7	39.3	24.9	50.4	18.6	16.4	44.0	29.0
	2BC	1.0	0.1	0.0	6.1	63.4	33.6	18.6	43.5	20.0	15.4	46.3	30.9
	2BD	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.0	0.0	0.0	4.6
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.7	0.1	0.0	31.3	111.8	39.0	13.8	46.4	13.2	32.6	84.0	64.7
	2CC	0.0	0.0	0.0	36.0	153.1	87.6	38.2	67.1	21.2	31.5	90.4	74.5
	2D	0.0	0.0	0.0	5.9	72.3	34.5	8.2	21.6	4.6	10.6	58.7	62.5
	2EA	0.1	0.0	0.0	0.1	1.5	1.7	0.8	3.6	1.6	1.5	5.6	7.2
	2EB	0.1	0.0	0.0	0.1	2.5	2.8	1.3	5.9	2.6	2.4	9.3	11.9
	2EC	0.0	0.0	0.0	0.2	4.1	3.7	1.2	4.4	3.8	2.2	6.5	15.0
	2ED	0.0	0.0	0.0	0.1	3.2	4.0	2.5	10.4	6.2	2.3	5.6	11.8
	2EE	0.0	0.0	0.0	1.2	17.6	7.8	4.3	19.4	5.4	4.5	18.5	16.9
	2EF	0.0	0.0	0.0	0.1	3.0	3.6	2.3	9.6	5.7	2.1	5.2	10.9
	2EG1	0.0	0.0	0.0	0.2	3.9	2.3	0.9	5.0	2.1	1.5	5.8	8.2
	2EG2	0.1	0.0	0.0	0.6	12.8	7.7	3.2	16.8	6.9	5.2	19.3	27.5
	2EH	0.0	0.0	0.0	4.7	14.1	3.8	1.0	5.3	1.2	3.8	12.9	10.2
	2EJ	0.2	0.0	0.0	0.1	3.2	2.8	1.5	5.8	2.5	4.0	13.9	16.5
	2EK	0.1	0.0	0.0	0.2	4.0	3.4	1.3	7.5	1.9	3.4	10.3	10.8
	2FA	0.1	0.0	0.0	0.0	0.4	0.8	0.4	0.8	1.2	1.1	2.3	4.3
	2FB	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.3	0.3	0.6	1.1
	2FC	0.2	0.0	0.0	0.2	3.9	3.9	1.1	3.5	3.1	3.3	8.5	10.9
	2GA	0.1	0.0	0.0	0.1	1.1	1.3	0.8	1.0	0.9	1.3	4.7	4.1
	2GB	1.1	0.3	0.1	0.4	5.1	5.0	2.8	4.1	3.2	5.5	14.1	11.5
	2GC	3.1	1.0	0.3	3.3	13.5	8.7	3.6	3.2	2.5	6.4	14.0	8.5
	2GD	4.3	1.4	0.4	4.6	19.0	12.2	5.1	4.6	3.5	9.1	19.7	12.1
	2H-1	0.0	0.0	0.0	0.0	0.8	0.6	0.2	0.0	0.0	0.0	0.9	14.4
	2H-2	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.9	17.8
	2H-3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	8.2
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.5	0.3	0.1	2.9	29.7	16.8	4.7	2.7	3.2	10.3	52.8	86.7
	2KB	0.2	0.1	0.1	0.2	5.1	2.9	1.2	1.0	1.2	1.4	4.9	21.2
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9
ACA	3AA	1.2	1.2	1.2	1.7	5.5	2.5	1.4	1.2	1.2	1.5	4.5	12.5
	3AB	0.1	0.1	0.1	0.2	1.0	0.6	0.2	0.1	0.1	0.1	1.2	8.7
	3AC	0.0	0.0	0.0	0.2	2.7	1.0	0.2	0.0	0.0	0.1	3.0	9.6
	3BA	0.3	0.2	0.2	0.7	2.5	1.1	0.4	0.3	0.2	0.7	2.4	5.9
	3BB	0.4	0.3	0.3	1.1	2.5	1.0	0.4	0.4	0.3	0.9	2.3	4.7
	3BC	2.7	2.1	2.0	3.9	9.9	4.9	2.9	2.5	2.2	4.0	9.7	11.3
	3BD	0.9	0.8	0.7	1.7	4.2	1.7	1.0	0.8	0.7	1.3	4.5	4.6
	3CB	2.3	2.1	2.1	2.7	5.1	3.5	2.5	2.3	2.1	2.6	6.1	7.2
	3DA	1.3	1.5	1.4	2.0	4.8	0.8	1.1	1.6	1.5	1.0	8.9	12.8
	3DB	0.3	0.0	0.0	5.9	10.3	2.0	0.9	0.2	0.0	0.0	8.8	14.0
	3EA	0.0	0.0	0.0	2.2	5.8	1.3	0.2	0.0	0.0	0.0	10.4	17.1
	3EB	0.8	0.0	0.0	4.5	9.6	1.3	0.1	0.0	0.0	0.0	14.8	18.5
	3EC	0.6	0.0	0.0	4.1	10.3	1.3	0.1	0.0	0.0	0.0	16.7	19.9
	3ED	0.0	0.0	0.0	0.7	5.4	0.7	0.0	0.0	0.0	0.0	4.7	9.2
	3FA	1.3	1.1	1.0	0.0	4.7	2.7	1.3	1.2	1.1	0.6	22.2	95.6
	3FB	0.0	0.0	0.0	0.0	3.2	1.7	0.0	0.0	0.0	0.0	0.0	43.2
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	7.9
	3HA	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.8
	3HB	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5
	3HC	0.0	0.0	0.0	0.0	2.2	0.1	0.3	0.0	0.0	0.0	0.0	0.2
	3HD1	0.0	0.0	0.0	0.0	9.1	1.7	3.3	0.0	0.0	0.0	0.0	8.7
	3HD2	0.0	0.0	0.0	0.0	5.5	1.0	2.0	0.0	0.0	0.0	0.0	5.2
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.1	0.1	0.3	35.0	1.2	0.2	0.1	0.1	0.3	0.8	4.6
	3LA	0.0	0.0	0.0	0.0	5.9	0.3	0.3	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	3MA-2	0.0	0.0	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	12.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	52.3	0.6	1.5	0.0	0.0	0.2	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	3.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8

Monthly Surface Water by Sub-basin

Year 2022 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.7	1.3	1.2	3.6	17.4	3.2	1.6	1.3	1.2	5.5	8.2	5.4
	4AB	3.1	1.9	1.5	3.7	19.3	5.2	2.4	2.0	1.7	6.6	8.6	6.5
	4AC	2.0	0.5	0.0	2.7	16.0	4.4	1.2	0.9	0.4	4.4	6.9	4.7
	4AD	3.5	1.4	0.8	6.5	21.6	6.4	2.5	2.3	1.6	8.9	10.6	7.5
	4BA	1.1	0.7	0.7	2.1	11.3	2.4	1.0	0.8	0.7	3.4	3.8	3.6
	4BB	3.8	2.6	2.4	8.7	18.1	5.9	3.3	3.4	2.9	10.4	9.3	7.4
	4BC	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	5.9	3.9	3.6	13.8	29.9	9.6	5.1	5.1	4.3	16.6	15.3	12.3
	4BE	4.4	2.3	1.8	10.6	22.2	7.5	3.6	3.4	2.6	11.6	13.7	12.0
	4BF	0.0	0.0	0.0	1.2	3.3	0.2	0.0	0.0	0.0	1.6	4.0	3.5
	4BG	0.0	0.0	0.0	0.0	2.8	1.3	0.0	0.0	0.0	0.0	4.5	5.3
	4CA	3.3	1.3	0.8	8.3	15.3	6.1	2.9	2.8	2.1	8.8	12.4	9.5
	4CB	1.3	0.1	0.0	4.9	8.9	2.8	1.0	0.8	0.4	4.5	7.1	5.9
	4CC	0.4	0.0	0.0	1.6	2.9	0.9	0.3	0.3	0.1	1.5	2.3	1.9
	4DA	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.3	1.0
	4DB	4.2	3.7	3.6	16.0	31.5	6.3	4.2	3.8	3.7	18.7	21.4	13.7
	4DC	1.8	1.4	1.4	9.6	12.8	2.9	1.7	1.5	1.4	8.6	8.8	6.0
	4DD	0.1	0.1	0.1	0.3	2.0	0.5	0.1	0.1	0.1	0.0	0.7	1.4
	4DE	0.4	0.0	0.0	0.0	3.1	1.8	0.2	0.0	0.0	0.0	0.9	4.9
	4EA	8.3	6.1	5.7	30.6	31.5	9.6	6.5	5.9	5.7	26.4	37.8	29.9
	4EB	6.5	5.2	4.9	43.5	43.4	8.5	5.6	5.2	5.1	35.4	39.6	28.5
	4EC	0.0	0.0	0.0	8.7	11.1	0.7	0.0	0.0	0.0	6.0	9.1	5.3
	4ED	0.0	0.0	0.0	12.1	40.0	4.1	0.0	0.0	0.0	0.0	25.0	21.5
	4FA	12.8	10.6	10.0	45.5	57.8	16.4	11.0	10.1	9.9	41.5	83.9	73.7
	4FB	3.6	0.7	0.0	12.0	29.1	5.8	1.1	0.1	0.0	12.3	47.0	37.9
	4GA	5.7	3.9	3.5	4.9	15.5	6.9	4.1	3.6	3.5	0.6	28.7	29.5
	4GB	1.7	0.3	0.1	0.0	5.1	3.7	0.6	0.2	0.0	0.0	6.8	14.5
	4GC	1.1	0.2	0.0	0.0	3.8	3.3	0.5	0.1	0.0	0.0	0.3	4.8
	4GD	2.1	0.5	0.2	0.0	6.4	7.0	1.1	0.2	0.2	0.0	0.0	8.6
	4GE	1.2	0.3	0.0	0.0	3.3	4.3	0.7	0.1	0.0	0.0	0.0	5.3
	4GF	3.3	1.0	0.3	0.0	22.4	13.1	3.2	0.5	0.4	0.0	0.0	13.8
	4GG	2.6	0.2	0.0	0.0	15.6	23.9	7.6	1.1	0.0	0.0	0.0	9.7
	4HA	0.0	0.0	0.0	12.2	33.3	9.1	7.0	3.3	1.2	1.0	12.0	38.7
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.4	0.3	0.3	1.1	4.5	2.9	1.6	5.6	3.0	3.2	9.4	12.4
	5AB	0.1	0.1	0.1	0.6	2.1	1.0	0.4	2.0	0.9	1.4	4.1	4.1
	5AC	0.0	0.0	0.0	0.0	0.9	0.6	0.3	0.9	0.6	0.8	1.7	3.0
	5AD	0.1	0.1	0.1	0.1	1.0	0.5	0.2	0.2	0.3	0.4	1.8	2.5
	5BA	0.3	0.2	0.2	0.5	5.5	1.4	0.3	0.2	0.2	0.8	2.6	1.7
	5BB	0.7	0.3	0.3	2.1	11.2	2.6	0.6	0.6	0.5	3.4	5.9	4.0
	5BC-1	1.1	0.8	0.8	3.8	20.2	5.4	1.5	1.7	1.4	4.6	16.7	13.7
	5BC-2	0.1	0.1	0.1	0.4	2.0	0.5	0.1	0.2	0.1	0.4	1.6	1.3
	5BD	0.5	0.5	0.5	1.0	3.4	1.9	0.9	1.4	1.1	1.5	4.8	5.6
	5BE	0.8	0.3	0.3	9.3	14.6	2.5	0.4	0.3	0.3	8.2	18.2	12.9
	5CA	0.1	0.1	0.1	0.3	1.1	0.9	0.3	0.8	0.8	0.8	3.1	4.6
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	5CC	0.0	0.0	0.0	0.0	1.1	0.6	0.1	0.0	0.0	0.0	1.0	4.7
	5DA	1.1	0.4	0.2	17.7	10.9	2.6	0.8	0.2	0.4	16.3	36.0	38.8
	5DB	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	2.2	6.9
	5DC	0.2	0.1	0.1	0.0	0.6	0.8	0.2	0.2	0.3	0.0	0.5	1.6
	5DD	0.1	0.0	0.0	0.0	0.5	0.7	0.2	0.0	0.4	0.0	0.3	2.3
	5EA	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	71.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.2	0.0	0.0	16.4	178.6	26.0	14.4	11.0	7.3	9.1	5.9	15.7
	5ED	0.0	0.0	0.0	0.0	10.1	4.2	0.0	0.0	0.0	0.0	40.8	57.8
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	71.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.4	0.1	0.1	46.7	413.8	98.2	41.5	20.9	11.7	33.8	50.2	60.2

Monthly Surface Water by Sub-basin

Year 2023 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.6	0.4	0.4	0.7	4.3	2.3	1.2	2.6	4.0	3.4	2.1	0.8
	1AB	1.6	1.2	1.0	1.7	7.6	5.0	3.1	5.8	8.9	7.0	4.9	2.0
	1AC	0.1	0.0	0.0	0.1	1.6	1.0	0.4	1.4	2.0	1.6	1.1	0.2
	1AD	0.8	0.5	0.4	0.9	5.7	3.0	1.2	2.2	4.2	4.2	2.8	1.1
	1AE	0.4	0.3	0.2	0.4	2.1	1.3	0.5	0.5	1.1	1.2	1.0	0.5
	1AF	1.1	0.8	0.7	1.3	5.6	3.3	1.6	2.7	4.3	4.5	3.1	1.4
	1AG	0.7	0.4	0.3	0.7	4.6	2.5	1.0	1.8	3.2	3.6	2.4	1.0
	1AH	0.4	0.2	0.1	0.8	4.7	1.9	0.5	1.0	2.3	3.4	1.6	0.6
	1BA	0.7	0.5	0.4	0.4	2.0	2.3	2.3	5.7	4.9	5.1	4.7	1.3
	1BB	2.7	2.2	2.0	2.0	7.7	9.3	8.7	17.1	18.0	18.1	15.9	4.2
	1BC	2.0	1.2	1.1	1.0	4.3	6.7	5.6	7.6	11.2	12.1	8.8	2.8
	1BD	3.0	2.4	2.3	2.3	4.2	5.3	5.0	7.6	9.7	8.0	6.6	3.4
	1BE	3.6	1.9	1.6	1.4	8.1	12.6	10.3	12.5	21.1	22.5	16.9	5.6
	1BG	4.1	2.9	2.6	2.9	11.9	11.9	8.8	13.7	23.9	19.3	13.2	5.2
	1BH	2.8	2.0	1.8	2.3	9.7	8.3	6.0	9.5	16.2	12.7	8.7	3.5
	1CA	2.5	2.1	2.0	2.0	4.0	3.9	4.6	9.0	6.8	6.3	5.5	3.1
	1CB	2.1	1.6	1.5	1.7	5.3	4.4	5.7	11.2	7.4	7.4	5.5	2.7
	1CC	3.7	3.3	3.2	3.5	8.4	6.4	7.4	12.4	9.3	10.8	7.7	5.0
	1CD	7.0	5.8	5.6	7.5	17.3	13.3	15.7	30.7	23.9	22.5	17.1	8.4
	1CE	2.1	1.8	1.7	2.4	5.2	3.8	3.8	6.8	7.4	6.3	4.3	2.2
	1DA	3.9	3.4	3.1	6.3	11.2	7.1	6.8	13.7	20.3	19.4	13.1	4.4
	1DB	5.8	4.9	4.6	6.2	16.8	12.8	9.3	15.4	22.1	18.8	13.9	6.7
	1DC	2.7	2.2	2.0	2.7	6.8	5.3	3.6	5.9	8.6	7.8	6.2	3.2
	1DD	2.8	2.3	2.2	2.9	7.5	5.5	3.4	5.2	7.5	7.3	5.8	3.3
	1EA	5.8	5.5	5.1	9.5	14.3	9.0	8.9	13.9	16.9	16.1	12.1	6.6
	1EB	4.7	4.3	4.1	6.2	10.3	6.8	5.7	8.1	11.2	11.1	8.2	5.3
	1EC	3.0	2.7	2.5	3.9	6.4	4.4	3.6	6.6	10.9	11.9	7.9	3.5
	1ED	1.1	0.9	0.9	1.3	3.1	1.8	1.2	1.8	2.6	3.0	2.0	1.3
	1EE	0.8	0.6	0.6	0.9	6.7	3.2	1.0	1.5	3.9	7.2	3.8	1.9
	1EF	0.0	0.0	0.0	0.0	6.0	2.3	0.0	0.0	3.0	7.6	3.2	1.3
	1EG	1.3	0.9	0.8	2.4	9.8	4.2	2.0	3.4	5.7	10.6	5.3	3.4
	1FA	0.5	0.3	0.3	0.6	2.6	1.7	1.8	3.4	3.0	3.9	2.4	1.4
	1FB	2.8	2.6	2.4	5.0	10.1	6.6	6.2	11.6	10.0	11.8	8.3	4.6
	1FC	1.9	1.6	1.5	2.6	5.3	3.5	3.3	4.9	5.4	5.8	4.5	2.4
	1FD	2.6	2.4	2.2	4.4	9.8	6.3	5.5	9.1	8.8	12.2	9.0	5.7
	1FE	4.3	3.4	3.0	7.3	15.1	8.7	6.9	10.2	14.5	15.4	11.3	6.2
	1FF	0.3	0.0	0.0	0.6	3.6	1.4	0.7	1.1	2.5	3.2	2.3	1.3
	1FG	0.0	0.0	0.0	0.6	11.1	1.2	0.0	0.0	3.1	14.2	4.6	2.8
LVSCA	1GA	1.9	1.5	1.4	5.0	9.9	6.1	5.8	10.3	9.7	13.6	9.2	5.0
	1GB	1.4	1.1	0.8	7.8	9.7	7.3	4.7	10.0	7.8	14.4	8.5	3.5
	1GC	4.3	3.3	2.9	6.3	12.6	11.5	10.3	17.3	15.8	17.9	10.8	6.4
	1GD	0.0	0.0	0.0	3.7	5.2	5.0	2.5	7.8	4.6	10.4	5.2	1.4
	1GE	0.1	0.1	0.0	1.7	3.0	4.7	2.1	12.0	5.3	12.3	4.2	0.9
	1GF	0.0	0.0	0.0	0.0	2.1	1.4	0.0	5.0	2.4	6.0	1.3	0.0
	1GG	1.2	0.9	0.7	4.5	6.9	5.6	4.7	7.5	7.0	8.9	6.1	2.9
	1HA1	1.1	0.8	0.7	2.7	5.0	2.8	2.0	3.2	3.2	4.8	4.7	2.7
	1HA2	0.0	0.0	0.0	0.2	0.4	0.3	0.1	0.5	0.3	1.0	0.6	0.2
	1HB1	0.5	0.0	0.0	0.6	3.7	1.5	0.6	0.4	1.0	4.0	2.8	2.4
	1HB2	0.4	0.1	0.1	0.7	2.4	0.9	0.6	0.5	0.9	1.7	2.1	1.4
	1HC	0.4	0.0	0.0	0.0	1.3	0.9	0.1	0.0	0.1	1.9	2.6	2.0
	1HD	1.8	0.7	0.4	5.2	6.3	2.7	1.4	3.1	6.4	10.5	7.5	4.1
	1HE	1.2	0.2	0.1	2.4	5.9	2.5	0.6	0.4	3.9	9.8	8.0	4.0
	1HF	1.8	0.0	0.0	0.0	1.6	2.1	0.3	0.0	0.0	1.1	5.3	5.5
	1HG	0.4	0.0	0.0	1.4	3.5	1.1	0.2	0.0	0.1	2.9	3.2	2.4
	1JA	5.8	4.5	4.1	8.1	12.8	12.0	10.8	14.1	17.1	14.9	10.9	7.5
	1JB	1.1	0.8	0.7	2.0	3.1	3.3	2.3	3.2	4.1	3.3	2.6	1.5
	1JC	2.7	2.3	2.1	4.2	6.9	7.6	5.5	7.4	8.1	7.2	5.6	3.5
	1JD	2.5	2.1	2.0	3.2	3.9	4.2	3.6	5.2	7.7	7.4	5.1	2.8
	1JE	2.3	1.9	1.7	5.7	5.0	2.0	2.1	2.4	6.1	7.3	4.7	3.1
	1JF	7.2	5.5	4.8	11.9	13.8	8.7	9.5	11.8	20.3	20.2	14.0	8.3
	1JG1	0.9	0.4	0.3	1.7	3.5	1.6	1.6	3.0	4.8	5.5	3.1	1.5
	1JG2	0.4	0.2	0.2	0.1	1.3	0.1	0.3	0.6	0.9	1.7	1.2	0.6
	1KA	1.1	0.9	0.5	3.7	4.4	1.7	0.6	1.0	3.5	7.0	5.8	2.9
	1KB	7.8	5.9	4.1	23.4	31.8	10.5	4.9	5.4	14.8	37.1	31.7	21.2
	1KC	9.8	6.8	5.0	24.1	26.9	8.8	5.1	4.0	8.6	32.6	22.4	18.2
	1LA1	4.7	2.6	2.5	5.6	10.1	6.8	7.2	8.9	14.0	12.5	8.7	6.3
	1LA2	6.8	4.2	3.6	8.0	12.8	3.7	3.5	2.3	6.2	11.9	9.1	7.1
	1LA3	8.4	5.0	4.9	11.4	24.3	5.0	3.4	2.1	3.2	10.2	8.5	7.8
	1LB1	8.8	4.4	3.8	8.5	13.6	5.8	7.4	8.5	17.3	18.8	12.9	9.8
	1LB2	7.7	3.4	2.2	10.9	23.9	3.0	1.6	0.4	2.7	13.5	8.6	6.6

Monthly Surface Water by Sub-basin

Year 2023 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	3.1	1.4	0.5	0.1	3.5	11.3	12.5	25.1	26.7	31.7	23.3	5.1
	2BB	5.0	2.3	0.9	0.1	5.6	18.1	20.1	40.4	42.9	51.0	37.4	8.2
	2BC	5.3	1.5	0.5	0.0	11.5	18.7	18.5	36.3	41.6	46.8	31.1	7.1
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	7.6	4.1	2.1	0.8	4.7	4.9	31.7	70.0	47.7	43.2	38.3	12.4
	2CC	7.5	1.8	0.1	0.0	2.4	9.3	20.2	60.1	67.4	72.5	75.4	15.4
	2D	5.7	1.2	0.1	0.0	0.0	0.0	0.1	13.2	23.0	17.4	22.4	8.3
	2EA	0.8	0.3	0.1	0.0	0.3	0.7	4.0	6.9	4.9	2.8	2.1	1.5
	2EB	1.4	0.5	0.2	0.0	0.5	1.2	6.6	11.5	8.1	4.7	3.5	2.4
	2EC	2.2	0.6	0.1	0.0	0.4	0.4	1.0	4.7	10.4	6.6	3.8	2.3
	2ED	1.9	0.5	0.2	0.0	0.8	0.6	1.8	6.4	9.1	7.7	4.0	1.6
	2EE	1.7	0.4	0.1	0.0	1.2	1.1	6.3	17.4	12.3	11.5	6.9	2.7
	2EF	1.7	0.5	0.2	0.0	0.7	0.6	1.6	5.9	8.3	7.1	3.7	1.4
	2EG1	1.2	0.4	0.1	0.0	0.3	0.2	0.9	4.8	5.2	3.9	2.5	1.4
	2EG2	4.0	1.4	0.4	0.0	0.9	0.7	3.1	16.1	17.4	13.2	8.4	4.8
	2EH	1.0	0.4	0.1	0.0	1.0	1.0	5.1	10.2	4.9	4.4	4.6	2.1
	2EJ	3.1	1.6	1.0	0.5	0.4	0.1	0.5	5.9	5.3	3.2	4.2	3.5
	2EK	1.2	0.5	0.3	0.1	0.3	0.5	5.5	11.7	5.9	3.4	3.5	2.9
	2FA	1.0	0.2	0.1	0.0	0.1	0.1	0.4	0.9	2.4	2.0	1.6	1.0
	2FB	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.6	0.5	0.4	0.3
	2FC	1.5	0.4	0.1	0.0	0.2	0.3	1.1	3.1	8.3	4.8	3.1	2.9
	2GA	0.8	0.2	0.1	0.0	0.2	0.4	0.9	1.0	1.6	1.6	1.5	1.2
	2GB	1.8	0.6	0.3	0.1	2.3	2.3	5.1	5.0	7.0	9.5	5.9	4.9
	2GC	1.7	0.6	0.4	0.8	8.6	3.7	4.2	3.0	4.0	11.8	7.0	5.7
	2GD	2.4	0.9	0.6	1.1	12.1	5.2	6.0	4.3	5.7	16.6	9.9	8.0
	2H-1	2.0	0.8	0.5	0.2	2.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0
	2H-2	1.0	1.6	0.5	0.5	3.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.9	0.9	0.7	0.2	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	10.0	3.5	2.2	2.5	15.9	4.7	5.2	4.2	11.4	15.2	10.0	9.1
	2KB	2.0	1.5	1.0	0.9	5.8	1.0	1.4	1.5	2.7	2.6	2.7	2.1
	2KC	2.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.9	2.7	2.3	2.4	4.5	1.7	1.3	1.2	1.2	1.3	1.3	1.5
	3AB	0.6	0.7	0.6	0.3	1.5	0.3	0.1	0.1	0.1	0.1	0.1	0.1
	3AC	1.0	0.4	0.4	0.3	2.2	0.4	0.1	0.0	0.0	0.0	0.1	0.2
	3BA	0.7	0.9	0.6	1.0	2.2	0.6	0.3	0.3	0.3	0.4	0.5	0.8
	3BB	0.6	1.1	0.7	1.3	2.0	0.5	0.4	0.3	0.3	0.5	0.6	0.9
	3BC	2.9	2.8	2.6	4.0	7.9	3.4	2.8	2.3	2.2	2.7	3.5	4.4
	3BD	1.0	0.9	0.9	1.7	3.1	1.2	0.9	0.8	0.7	0.8	1.1	2.1
	3CB	2.3	2.5	2.5	3.2	4.8	2.8	2.4	2.2	2.1	2.3	2.6	3.2
	3DA	0.9	0.2	1.0	0.7	1.8	0.6	1.5	1.5	1.5	1.4	1.4	2.0
	3DB	1.2	0.0	0.2	0.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	1.0
	3EA	1.4	0.6	0.4	0.2	1.2	0.3	0.0	0.0	0.0	0.0	0.0	1.1
	3EB	1.0	0.2	0.1	0.0	1.3	0.3	0.0	0.0	0.0	0.0	0.0	3.0
	3EC	1.0	0.3	0.2	0.2	1.8	0.4	0.0	0.0	0.0	0.0	0.0	2.1
	3ED	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	4.5	1.1	1.4	0.0	2.2	1.3	1.1	1.1	1.1	0.9	1.1	0.1
	3FB	3.3	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.4	0.7	0.4	0.5	1.3	0.4	0.3	0.1	0.1	0.1	0.1	0.3
	3LA	0.0	0.0	0.0	0.0	0.8	1.3	0.3	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	6.2	4.8	1.2	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2023 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.7	1.3	1.3	3.5	17.9	3.9	2.0	1.4	1.3	1.3	1.4	2.9
	4AB	2.2	1.6	1.5	2.1	17.5	5.1	3.2	2.0	1.7	2.7	3.8	5.6
	4AC	0.7	0.2	0.1	1.0	14.2	3.4	1.8	0.6	0.6	2.5	2.2	2.9
	4AD	1.7	1.1	0.9	2.7	19.6	4.3	3.3	1.8	1.7	4.9	5.2	5.8
	4BA	1.1	0.7	0.7	1.6	10.6	2.3	1.2	0.8	0.7	0.7	0.7	0.8
	4BB	2.8	2.5	2.5	5.0	15.6	4.3	3.9	2.8	2.7	5.1	6.3	5.8
	4BC	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	4.3	3.9	3.7	7.8	26.0	7.0	6.1	4.2	4.0	7.9	9.8	9.0
	4BE	3.0	2.3	2.1	5.8	20.4	5.5	4.3	2.6	2.4	5.0	6.4	6.3
	4BF	0.1	0.0	0.0	1.7	3.6	0.2	0.0	0.0	0.0	0.0	0.0	0.3
	4BG	0.3	0.0	0.0	0.0	3.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	4CA	1.9	1.6	1.4	4.4	12.7	3.5	3.5	2.1	1.9	6.4	6.6	6.1
	4CB	0.6	0.4	0.3	3.0	7.9	1.6	1.2	0.4	0.3	1.8	2.9	3.1
	4CC	0.2	0.1	0.1	1.0	2.5	0.5	0.4	0.1	0.1	0.6	0.9	1.0
	4DA	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	4.8	4.0	3.8	12.2	25.6	6.1	4.4	3.9	3.8	3.8	6.1	7.6
	4DC	2.0	1.6	1.5	5.5	10.5	2.7	1.8	1.5	1.5	1.5	3.7	4.5
	4DD	0.3	0.1	0.1	0.1	2.3	0.5	0.1	0.1	0.1	0.1	0.1	0.0
	4DE	0.6	0.0	0.0	0.0	3.3	1.2	0.2	0.0	0.0	0.0	0.0	0.0
	4EA	9.1	6.6	6.0	16.7	24.4	9.6	6.5	5.9	5.8	5.7	12.6	20.7
	4EB	6.8	5.5	5.3	24.8	31.0	7.8	5.6	5.3	5.2	5.1	21.1	23.5
	4EC	0.1	0.0	0.0	5.0	7.3	0.4	0.0	0.0	0.0	0.0	0.0	1.1
	4ED	0.0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4FA	16.3	11.4	10.6	23.0	52.2	16.3	11.2	10.4	10.1	9.9	16.7	30.9
	4FB	4.9	1.0	0.1	0.0	25.6	5.0	0.9	0.1	0.0	0.0	0.0	5.0
	4GA	7.0	4.1	3.6	0.0	12.6	6.0	3.8	3.6	3.5	3.2	3.2	2.3
	4GB	3.1	0.5	0.1	0.0	6.6	2.7	0.3	0.2	0.1	0.0	0.0	0.0
	4GC	1.3	0.1	0.0	0.0	6.4	2.4	0.2	0.1	0.0	0.0	0.0	0.0
	4GD	2.6	0.3	0.3	0.0	12.1	4.0	0.6	0.3	0.2	0.0	0.0	0.0
	4GE	1.7	0.2	0.1	0.0	6.9	2.6	0.3	0.2	0.0	0.0	0.0	0.0
	4GF	4.8	0.7	0.4	0.0	11.1	9.3	2.4	1.0	0.2	0.0	0.0	0.0
	4GG	4.4	0.0	0.0	0.0	0.0	14.7	6.5	1.9	0.0	0.0	0.0	0.0
	4HA	7.6	3.7	1.9	1.3	2.3	1.3	0.9	0.8	0.8	0.8	0.9	1.8
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	8.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	3.3
	4JB	0.0	3.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.3
	4KA	0.0	5.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.1
	4KB	0.0	9.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	3.5
ENNCA	5AA	1.5	0.8	0.6	0.4	2.0	2.6	8.4	12.0	7.9	4.6	3.7	2.7
	5AB	0.3	0.2	0.1	0.1	0.9	1.2	3.3	4.0	2.7	1.8	1.4	1.1
	5AC	0.3	0.0	0.0	0.0	0.2	0.1	0.6	3.7	1.5	0.4	0.4	0.4
	5AD	0.3	0.1	0.1	0.1	0.4	0.1	0.5	2.5	1.8	0.4	0.5	0.4
	5BA	0.3	0.2	0.2	0.3	5.3	1.1	0.4	0.2	0.2	0.3	0.6	1.0
	5BB	0.6	0.3	0.3	1.2	9.9	1.9	1.4	1.0	1.3	2.9	2.3	3.0
	5BC-1	1.8	0.9	0.8	1.5	16.9	4.3	4.3	7.0	5.5	3.0	3.8	5.4
	5BC-2	0.2	0.1	0.1	0.1	1.7	0.4	0.4	0.7	0.5	0.3	0.4	0.5
	5BD	0.9	0.5	0.5	0.5	1.7	1.3	2.8	4.8	3.5	2.1	1.7	1.6
	5BE	1.0	0.4	0.3	3.6	14.7	2.6	0.6	0.5	0.6	0.4	3.1	10.3
	5CA	0.6	0.2	0.1	0.1	0.3	0.2	0.5	9.5	5.2	0.8	0.3	0.6
	5CB	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0
	5CC	0.9	0.1	0.0	0.0	1.0	0.3	0.1	0.4	1.3	0.4	0.1	0.3
	5DA	4.6	1.3	0.6	10.3	12.5	2.2	0.5	0.4	0.7	0.2	2.5	15.4
	5DB	1.0	0.3	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.6
	5DC	0.5	0.1	0.1	0.0	0.7	0.6	0.3	0.5	0.7	0.4	0.3	0.0
	5DD	0.4	0.0	0.1	0.0	0.5	0.4	0.1	0.2	0.7	0.3	0.2	0.0
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	6.5	5.6	3.7	2.0	0.7	1.0	0.4	0.0	0.0	0.0	0.0	0.0
	5ED	6.7	0.0	0.0	0.0	11.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	26.7	12.2	6.3	3.7	33.1	22.0	9.1	4.1	1.6	0.6	0.2	0.0

Monthly Surface Water by Sub-basin

Year 2024 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.4	0.3	0.7	3.4	2.7	1.3	1.7	2.1	1.2	1.2	1.5
	1AB	1.3	1.0	0.9	1.3	5.7	6.2	3.2	3.9	4.5	2.7	2.5	3.2
	1AC	0.0	0.0	0.0	0.1	1.3	1.3	0.6	0.6	0.8	0.4	0.2	0.5
	1AD	0.6	0.4	0.4	0.9	4.3	3.0	1.4	1.4	1.9	1.4	1.0	2.1
	1AE	0.3	0.2	0.2	0.3	1.5	1.0	0.5	0.4	0.7	0.6	0.7	1.1
	1AF	0.9	0.7	0.7	1.1	4.3	3.4	1.8	1.8	2.2	1.7	1.6	2.1
	1AG	0.5	0.3	0.3	0.5	3.3	2.6	1.2	1.3	1.4	1.1	0.9	1.5
	1AH	0.3	0.1	0.1	0.4	3.0	1.7	0.6	0.7	1.1	0.7	1.0	1.4
	1BA	0.7	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3
	1BB	2.5	1.9	1.8	1.8	1.8	2.2	2.6	2.7	2.4	2.0	2.0	2.3
	1BC	1.5	1.0	0.9	0.9	1.0	3.0	3.3	4.1	4.0	2.3	2.0	2.7
	1BD	2.6	2.3	2.2	2.2	2.3	3.1	3.5	4.4	3.9	2.8	2.4	2.6
	1BE	2.3	1.4	1.2	1.2	1.5	5.9	6.4	8.1	7.9	4.3	3.6	5.1
	1BG	3.0	2.5	2.3	2.4	4.1	12.5	8.8	10.6	9.7	5.0	4.0	4.9
	1BH	2.1	1.7	1.6	1.7	4.6	9.5	6.4	7.5	6.9	3.7	3.0	3.6
	1CA	2.5	2.1	2.0	1.9	2.0	2.2	2.3	2.7	2.4	2.1	2.0	2.0
	1CB	2.1	1.6	1.4	1.5	1.6	1.7	2.1	3.1	2.3	1.8	1.7	2.0
	1CC	4.3	3.4	3.1	3.1	3.1	3.2	4.3	5.7	4.2	3.7	3.8	4.6
	1CD	6.6	5.6	5.2	5.7	8.2	9.2	10.2	12.0	9.0	6.6	5.9	6.5
	1CE	1.7	1.6	1.5	1.8	3.2	4.4	4.2	4.8	3.9	2.3	1.8	1.8
	1DA	3.2	2.8	2.7	5.5	9.4	9.0	7.3	8.2	6.9	4.3	3.4	3.9
	1DB	5.0	4.5	4.2	4.9	12.3	15.3	10.2	11.1	11.1	7.3	6.8	7.4
	1DC	2.3	2.0	1.9	2.3	6.0	6.0	4.4	4.3	4.4	3.2	2.5	3.1
	1DD	2.5	2.2	2.1	2.5	6.2	5.8	4.1	4.0	4.1	3.3	2.8	3.5
	1EA	5.4	4.9	4.6	7.8	11.3	10.6	10.4	10.4	8.3	6.3	5.5	6.9
	1EB	4.4	4.1	3.9	5.6	9.0	7.4	7.0	6.5	6.0	4.9	4.4	5.3
	1EC	2.7	2.5	2.4	3.4	5.4	4.7	4.2	4.1	3.8	3.0	2.6	2.9
	1ED	1.0	0.9	0.9	1.0	2.4	1.9	1.6	1.6	1.4	1.1	1.0	1.1
	1EE	0.8	0.6	0.6	0.4	2.6	2.5	1.3	1.8	1.2	0.7	0.4	0.5
	1EF	0.0	0.0	0.0	0.0	1.2	0.9	0.0	0.2	0.5	0.1	0.0	0.4
	1EG	1.5	0.9	0.8	1.1	4.3	3.7	2.7	3.6	2.3	1.3	1.0	1.2
	1FA	0.9	0.3	0.2	0.2	0.2	0.3	1.1	1.6	0.8	0.6	0.9	1.2
	1FB	3.6	2.2	1.9	2.4	4.3	5.1	7.6	7.2	4.8	3.7	3.9	4.6
	1FC	2.4	1.6	1.3	1.6	2.6	3.0	4.2	4.4	3.0	2.3	2.2	3.0
	1FD	4.7	2.3	1.7	1.8	2.3	3.9	7.3	6.7	4.1	3.7	4.4	5.2
	1FE	4.5	3.2	2.6	4.3	10.1	8.7	10.0	10.6	7.7	5.2	4.6	7.6
	1FF	0.3	0.0	0.0	0.1	1.7	1.4	1.6	2.0	1.2	0.5	0.3	1.6
	1FG	0.0	0.0	0.0	0.0	1.7	0.2	0.0	1.3	0.3	0.0	0.7	1.6
LVSCA	1GA	3.6	1.6	0.9	1.2	1.7	2.9	6.0	6.3	3.5	2.8	4.6	5.1
	1GB	4.3	1.5	0.5	1.1	1.1	2.5	4.9	6.3	5.0	3.6	6.0	5.3
	1GC	4.5	3.0	2.4	4.7	4.8	4.5	6.0	9.8	7.3	5.7	7.7	8.8
	1GD	0.3	0.0	0.0	0.9	0.0	0.2	0.6	1.7	1.8	1.3	4.3	3.4
	1GE	0.3	0.0	0.0	0.0	0.0	0.2	0.5	1.0	0.7	0.8	3.2	2.8
	1GF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.2	3.7	2.8
	1GG	1.6	0.9	0.5	2.2	2.2	2.2	3.7	4.6	3.0	2.3	4.1	3.9
	1HA1	1.7	0.9	0.6	0.9	1.9	2.0	3.8	4.2	2.9	2.2	4.9	4.4
	1HA2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	1.6	0.9
	1HB1	0.5	0.0	0.0	0.0	1.0	0.9	0.7	1.3	1.0	0.5	0.5	1.5
	1HB2	0.5	0.1	0.0	0.1	0.8	0.7	1.1	1.5	1.1	0.7	1.5	2.1
	1HC	0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.1	0.1	0.0	0.0	0.3
	1HD	1.3	0.1	0.0	0.3	2.0	1.8	2.5	4.4	3.6	4.0	5.4	7.4
	1HE	0.8	0.0	0.0	0.0	1.3	1.3	1.4	2.8	2.7	3.2	5.2	6.6
	1HF	1.6	0.1	0.0	0.0	0.9	0.8	0.0	0.0	0.0	0.0	0.2	1.3
	1HG	0.5	0.1	0.0	0.6	2.7	0.5	0.1	0.1	0.1	0.2	1.2	1.3
	1JA	6.1	4.2	3.4	8.0	8.9	6.1	6.7	10.2	8.4	7.7	9.3	10.3
	1JB	1.1	0.7	0.5	2.3	2.4	1.4	1.5	2.2	1.8	1.8	2.0	2.2
	1JC	2.8	2.2	1.9	4.3	4.8	3.8	4.2	5.2	4.1	3.9	4.3	4.5
	1JD	2.3	2.0	1.8	3.0	3.2	2.6	2.7	3.3	2.8	2.9	3.2	3.1
	1JE	2.5	1.3	0.8	3.4	3.9	1.7	1.8	3.4	3.5	3.4	4.3	6.1
	1JF	6.6	4.3	3.4	8.8	10.6	6.1	6.9	10.8	9.8	9.1	10.9	11.6
	1JG1	0.8	0.3	0.3	0.6	1.9	1.1	1.0	2.2	1.7	1.7	1.9	2.7
	1JG2	0.3	0.3	0.2	0.0	0.5	0.2	0.2	0.6	0.5	0.5	1.1	1.3
	1KA	0.8	0.2	0.0	0.5	2.2	1.6	1.5	1.9	1.6	2.4	3.5	4.7
	1KB	7.0	2.7	1.1	4.5	16.0	7.2	6.6	10.2	9.2	11.1	16.1	26.8
	1KC	8.2	3.8	2.3	4.2	11.3	5.7	4.2	7.4	8.0	9.4	9.5	28.9
	1LA1	5.5	2.6	1.6	6.9	7.5	3.4	3.3	6.9	6.1	6.0	9.2	10.2
	1LA2	4.8	2.9	2.3	3.0	5.6	2.8	2.3	3.7	4.4	4.8	3.7	10.9
	1LA3	7.5	3.5	1.7	3.8	6.2	2.3	1.5	1.7	1.9	1.7	1.4	6.1
	1LB1	8.6	3.9	2.3	9.1	9.1	3.5	2.8	5.1	6.2	7.1	11.1	15.7
	1LB2	5.7	1.4	0.2	2.4	3.1	0.3	0.0	0.0	0.2	0.2	0.3	6.0

Monthly Surface Water by Sub-basin

Year 2024 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	2.3	0.8	0.2	0.0	0.0	0.0	0.0	0.3	0.5	0.2	0.3	0.4
	2BB	3.6	1.4	0.3	0.0	0.0	0.0	0.0	0.5	0.7	0.3	0.4	0.6
	2BC	2.2	0.4	0.0	0.0	0.0	3.3	3.0	5.6	6.7	2.4	2.2	4.1
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	5.6	2.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	2CC	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2D	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
	2EB	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	2EC	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7
	2ED	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	2EE	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.3	1.7
	2EF	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	2EG1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
	2EG2	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.6
	2EH	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EJ	1.9	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FA	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	2FB	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FC	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	2GA	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	2GB	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.2	0.6	1.2	1.6	2.7
	2GC	4.1	0.6	0.1	0.0	0.3	0.1	0.2	1.5	2.2	6.4	7.3	9.9
	2GD	5.8	0.9	0.1	0.1	0.4	0.1	0.3	2.1	3.1	9.1	10.2	13.9
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	8.3	2.2	0.4	1.7	2.8	0.5	0.2	0.6	0.9	1.3	3.0	9.2
	2KB	2.4	1.0	0.2	0.3	1.2	0.2	0.0	0.2	0.4	0.5	1.1	1.8
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.6	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.4	2.5	3.6
	3AB	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	2.9
	3AC	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.9
	3BA	0.9	0.3	0.2	0.3	0.4	0.2	0.2	0.2	0.3	0.6	1.3	1.8
	3BB	0.8	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.7	1.3	1.5
	3BC	4.2	2.4	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.5	5.9	7.0
	3BD	1.6	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	2.9	2.8
	3CB	3.0	2.3	2.1	2.1	2.2	2.1	2.1	2.0	2.1	2.3	3.7	4.2
	3DA	1.8	0.8	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.2	9.6	6.9
	3DB	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	7.7
	3EA	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	12.9
	3EB	3.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	11.3
	3EC	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3	10.6
	3ED	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	4.3
	3FA	2.2	1.3	1.1	1.0	1.1	1.1	1.0	1.1	1.0	0.7	18.5	15.3
	3FB	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	24.2
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.6
	3HA	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.2	0.1	0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.2	0.5	0.9
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	1.1	0.8	0.3	0.0	0.0	0.0	0.1	0.0
	3MD2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2024 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.6	1.4	1.2	1.2	1.6	1.3	1.2	1.1	1.1	2.0	7.7	6.9
	4AB	3.8	1.7	1.4	1.3	1.4	1.3	1.3	1.4	1.3	5.0	9.3	9.1
	4AC	2.2	0.1	0.0	0.0	0.1	0.0	0.1	0.4	0.3	3.6	7.2	7.5
	4AD	3.7	1.0	0.6	0.6	1.3	0.8	1.0	1.5	1.3	8.2	11.4	12.7
	4BA	1.1	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	1.4	4.7	7.5
	4BB	3.8	2.5	2.4	2.4	3.2	2.5	2.3	2.4	2.3	9.4	10.5	13.2
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	5.9	3.8	3.5	3.5	4.8	3.7	3.5	3.5	3.5	14.7	17.1	21.9
	4BE	4.8	2.1	1.7	1.7	2.6	2.0	1.8	2.1	2.1	9.6	14.4	19.9
	4BF	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.5	4.4
	4BG	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.6
	4CA	3.5	1.1	0.7	0.7	1.5	0.8	0.9	1.1	1.1	7.8	10.4	12.4
	4CB	1.6	0.1	0.0	0.0	0.4	0.0	0.1	0.0	0.0	3.2	6.4	8.0
	4CC	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.0	2.1	2.6
	4DA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
	4DB	5.5	3.9	3.6	3.6	4.5	3.6	3.5	3.4	3.3	6.7	19.0	14.8
	4DC	2.7	1.6	1.4	1.4	2.2	1.4	1.3	1.3	1.3	4.5	9.0	4.8
	4DD	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	1.2	1.4
	4DE	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.3
	4EA	10.7	6.5	5.7	5.5	6.5	5.8	5.4	5.3	5.2	17.5	43.3	17.9
	4EB	10.4	5.4	5.0	6.1	8.6	5.0	4.7	4.5	4.5	20.3	43.7	19.7
	4EC	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	9.7	3.4
	4ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	18.2
	4FA	16.0	10.9	9.9	9.6	10.0	9.6	9.3	9.2	9.1	29.2	90.5	38.6
	4FB	5.4	0.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	6.2	69.3	18.2
	4GA	5.6	3.8	3.5	3.2	3.6	3.5	3.4	3.5	3.5	3.9	59.5	22.2
	4GB	3.2	0.3	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.0	23.0	12.0
	4GC	3.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	4GD	6.6	0.6	0.1	0.0	0.0	0.3	0.0	0.1	0.1	0.0	0.0	0.0
	4GE	3.8	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4GF	7.4	1.2	0.2	0.1	0.0	0.6	0.0	0.2	0.1	0.0	42.6	12.2
	4GG	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HA	2.4	1.3	0.9	0.8	0.7	0.7	0.7	0.6	0.6	1.2	73.8	39.5
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	13.8	2.2	0.0	0.0	0.0	0.0	2.2	16.6
	4JB	0.0	0.0	0.0	0.0	5.4	0.9	0.0	0.0	0.0	0.0	0.8	6.5
	4KA	0.0	0.0	0.0	0.0	8.7	1.4	0.0	0.0	0.0	0.0	1.4	10.5
	4KB	0.0	0.0	0.0	0.0	14.8	2.4	0.0	0.0	0.0	0.0	2.3	17.8
ENNCA	5AA	1.4	0.4	0.3	0.3	0.3	0.3	0.3	0.6	0.5	0.5	1.5	1.1
	5AB	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	1.0	0.6
	5AC	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
	5AD	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.5
	5BA	1.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	2.1	2.0
	5BB	2.2	0.3	0.3	0.3	0.4	0.3	0.4	0.8	0.4	1.8	5.0	3.9
	5BC-1	5.4	0.9	0.8	0.8	0.8	0.7	0.7	1.0	0.9	0.9	8.5	7.6
	5BC-2	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.7
	5BD	1.3	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.6	0.6	1.7	1.6
	5BE	5.0	0.3	0.2	0.2	0.4	0.2	0.2	0.3	0.2	2.5	17.4	8.4
	5CA	0.8	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	5DA	4.4	0.8	0.3	0.1	0.1	0.1	0.0	0.1	0.1	11.2	50.9	14.0
	5DB	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.1
	5DC	0.9	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.3	0.7
	5DD	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	30.9
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2

Monthly Surface Water by Sub-basin

Year 2025 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.6	0.8	4.9	5.7	2.4	2.3	1.9	2.4	1.6	3.6	0.8
	1AB	1.3	1.5	1.8	9.3	11.0	4.2	4.7	4.0	4.3	3.2	6.1	1.9
	1AC	0.0	0.1	0.1	2.2	2.6	1.0	1.1	0.8	0.9	0.7	1.3	0.2
	1AD	0.6	0.7	0.6	6.4	6.6	3.4	2.7	2.2	3.1	2.4	4.5	1.2
	1AE	0.4	0.3	0.3	2.4	2.7	1.5	1.0	0.7	1.4	1.1	2.0	0.6
	1AF	0.9	1.0	1.3	6.3	7.1	3.8	3.1	2.6	3.1	2.5	4.8	1.5
	1AG	0.5	0.6	0.7	5.3	5.8	2.9	2.5	2.2	2.2	1.7	3.6	1.0
	1AH	0.3	0.3	0.4	5.6	5.4	2.6	1.4	1.6	2.2	1.6	4.0	0.7
	1BA	0.3	0.3	0.3	7.5	8.0	2.7	2.6	2.7	1.0	0.6	0.6	0.5
	1BB	1.9	1.8	1.7	21.8	26.6	8.9	9.6	9.8	4.0	2.6	3.0	2.2
	1BC	1.4	1.1	0.9	6.2	14.2	4.7	6.0	6.4	3.8	2.0	2.3	1.5
	1BD	2.2	2.2	2.1	6.3	10.0	4.5	4.6	5.5	4.1	2.9	3.2	2.6
	1BE	2.5	1.7	1.2	10.9	27.0	8.3	8.6	11.2	7.4	3.5	3.8	2.6
	1BG	3.0	2.7	2.4	15.2	23.0	7.6	10.1	11.5	8.7	5.0	7.4	4.2
	1BH	2.0	2.1	1.9	11.9	16.1	5.8	7.5	7.8	6.3	4.0	6.8	3.0
	1CA	1.9	1.9	1.8	7.4	7.4	4.4	4.3	4.2	2.9	2.3	2.3	2.0
	1CB	1.9	1.7	1.5	10.9	8.4	5.0	4.9	4.8	3.1	2.0	2.1	1.7
	1CC	3.9	3.7	3.3	15.1	12.3	8.0	6.8	7.2	5.2	3.7	3.8	3.3
	1CD	5.8	5.6	5.3	28.1	23.6	14.5	16.4	15.6	11.2	7.7	8.0	6.0
	1CE	1.6	1.6	1.6	5.7	6.1	3.3	5.0	4.9	4.1	2.9	3.0	1.9
	1DA	3.1	3.3	3.6	13.9	12.2	7.2	10.5	9.0	8.8	6.3	6.4	3.6
	1DB	4.9	5.3	5.5	20.2	23.0	10.4	12.7	11.8	10.7	8.4	12.5	6.1
	1DC	2.2	2.4	2.3	8.5	9.4	5.2	5.7	5.9	4.9	4.1	5.4	2.9
	1DD	2.4	2.6	2.7	8.7	10.1	5.8	5.8	5.9	4.8	4.2	6.2	3.2
	1EA	5.1	5.5	6.0	18.8	13.7	10.5	13.9	13.1	10.8	8.0	7.4	5.5
	1EB	4.2	4.6	4.9	12.7	10.2	7.2	9.3	9.4	7.1	5.9	6.5	4.7
	1EC	2.5	2.6	2.7	7.6	6.0	4.3	5.6	5.8	5.0	4.0	4.1	2.8
	1ED	0.9	1.0	0.9	3.5	3.2	2.0	2.0	2.4	1.7	1.4	2.2	1.2
	1EE	0.6	0.6	0.3	6.3	8.1	4.2	2.0	3.8	2.3	1.1	4.6	1.7
	1EF	0.0	0.0	0.0	9.8	11.0	3.3	0.5	2.6	1.9	0.8	5.9	0.8
	1EG	0.9	1.0	1.1	11.1	10.2	5.4	3.7	6.3	3.5	1.7	5.3	2.4
	1FA	0.5	0.7	0.6	5.7	4.7	2.5	1.8	2.3	1.3	0.5	0.7	0.3
	1FB	2.4	3.0	3.2	15.0	12.4	8.3	8.1	9.2	6.4	3.5	4.1	2.5
	1FC	1.6	1.7	1.7	7.3	6.7	4.9	4.2	5.1	4.1	2.2	2.3	1.7
	1FD	2.1	2.7	2.8	14.7	14.7	8.9	6.0	8.2	6.4	3.0	3.6	2.3
	1FE	3.5	4.3	4.3	22.9	16.7	11.8	12.6	14.7	9.9	5.8	6.5	4.1
	1FF	0.2	0.3	0.4	7.0	4.3	2.1	2.1	2.8	1.2	0.4	0.8	0.3
	1FG	0.0	0.0	0.0	25.9	16.0	4.2	0.1	4.4	1.3	0.5	7.6	0.0
LVSCA	1GA	1.4	1.9	1.7	20.3	16.1	7.3	5.8	7.0	5.2	2.1	2.8	1.4
	1GB	0.7	1.0	1.2	21.8	16.1	9.2	4.1	5.5	9.4	1.4	4.7	0.9
	1GC	3.3	4.9	3.9	29.1	22.6	11.1	12.2	12.3	10.0	4.5	4.5	3.1
	1GD	0.0	0.0	0.0	18.4	12.5	5.3	2.1	1.3	3.8	0.0	1.6	0.0
	1GE	0.0	0.0	0.0	13.7	11.2	4.2	2.0	0.8	3.4	0.0	1.4	0.2
	1GF	0.0	0.0	0.0	13.9	6.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
	1GG	0.7	1.6	1.2	16.1	11.9	5.2	5.4	4.9	4.3	1.5	1.8	0.8
	1HA1	0.9	1.5	1.9	14.3	8.6	4.6	3.2	3.1	2.4	1.3	1.6	1.0
	1HA2	0.0	0.0	0.0	9.0	1.5	0.6	0.1	0.0	0.0	0.0	0.1	0.0
	1HB1	0.2	0.2	0.2	10.3	6.3	2.5	1.0	1.5	1.0	0.3	0.8	0.4
	1HB2	0.3	0.5	0.6	7.3	5.1	2.3	1.7	1.4	0.6	0.3	0.4	0.2
	1HC	0.0	0.0	0.0	6.8	6.4	2.8	0.5	0.3	0.3	0.0	0.1	0.1
	1HD	0.9	0.9	0.6	20.9	12.0	7.1	3.9	4.0	3.0	1.6	3.2	2.1
	1HE	0.6	0.9	0.7	20.8	11.5	4.9	2.6	3.0	3.0	1.8	2.0	1.2
	1HF	0.1	0.0	0.4	21.2	18.3	8.5	1.6	0.3	0.2	0.0	0.0	0.0
	1HG	0.1	0.0	1.2	12.6	7.5	1.8	0.4	0.2	0.2	0.1	0.0	0.1
	1JA	4.3	5.6	5.0	27.1	20.4	12.2	10.9	12.4	10.1	5.7	6.4	6.2
	1JB	0.7	1.0	0.8	6.4	4.8	2.5	2.6	2.8	2.4	1.1	1.3	1.2
	1JC	2.1	3.0	2.5	12.5	10.1	5.3	6.3	6.3	5.8	3.0	3.1	2.5
	1JD	1.9	2.0	2.0	6.6	5.9	3.9	3.8	4.4	3.7	2.3	2.5	2.3
	1JE	1.5	1.7	2.2	13.7	8.1	7.5	3.4	3.8	2.8	1.9	4.8	5.2
	1JF	4.7	5.1	5.4	30.6	22.7	17.6	11.0	14.1	9.8	5.9	9.1	9.3
	1JG1	0.4	0.3	0.1	7.6	6.0	3.6	2.0	2.8	1.9	0.8	1.1	1.1
	1JG2	0.3	0.2	0.0	3.4	2.0	1.1	0.4	0.5	0.3	0.4	0.2	0.3
	1KA	0.5	1.2	1.1	13.1	7.5	4.0	2.1	2.3	2.9	1.7	2.7	1.3
	1KB	3.8	5.3	5.3	85.5	50.8	28.9	10.9	12.0	11.7	7.4	14.4	12.7
	1KC	5.2	4.7	5.5	64.3	34.1	25.4	8.3	5.9	4.7	3.5	9.4	20.5
	1LA1	2.6	3.5	3.8	28.4	17.8	14.3	7.3	6.9	5.5	3.0	5.9	8.4
	1LA2	3.2	3.2	2.1	22.5	13.1	9.9	3.6	2.8	2.4	2.3	2.3	6.0
	1LA3	2.8	3.3	2.7	50.7	21.0	9.7	3.6	1.6	1.1	1.1	0.9	1.6
	1LB1	3.9	4.6	5.2	45.0	26.6	23.1	8.8	6.9	4.7	3.0	5.6	12.1
	1LB2	0.9	1.3	1.1	48.7	26.8	11.4	2.2	0.1	0.0	0.0	0.0	0.3

Monthly Surface Water by Sub-basin

Year 2025 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.1	0.0	0.0	2.9	27.4	10.7	15.7	16.1	4.2	1.6	1.0	0.4
	2BB	0.1	0.0	0.0	4.7	44.0	17.1	25.2	25.9	6.7	2.6	1.6	0.7
	2BC	1.0	0.1	0.0	11.1	34.2	9.9	16.3	17.0	7.8	3.1	2.5	1.3
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.1	0.1	0.0	71.6	91.4	33.1	21.8	22.1	6.9	2.3	1.1	0.2
	2CC	0.0	0.0	0.0	20.7	103.9	33.4	28.4	32.2	5.9	1.7	0.2	0.1
	2D	0.0	0.0	0.0	0.9	7.6	2.8	1.6	2.8	0.3	0.0	0.0	0.0
	2EA	0.1	0.0	0.0	2.0	5.4	2.3	2.1	2.7	1.3	0.2	0.1	0.0
	2EB	0.1	0.0	0.0	3.2	9.0	3.8	3.5	4.5	2.1	0.4	0.2	0.1
	2EC	0.3	0.2	0.0	5.3	9.3	5.4	3.4	4.0	2.0	0.4	0.1	0.1
	2ED	0.2	0.2	0.1	4.7	10.9	6.0	4.0	5.8	2.8	0.6	0.3	0.1
	2EE	0.5	0.3	0.0	15.2	21.7	7.1	5.7	7.9	3.2	0.6	0.2	0.1
	2EF	0.2	0.2	0.1	4.3	10.0	5.5	3.7	5.3	2.6	0.6	0.3	0.1
	2EG1	0.1	0.0	0.0	3.6	5.8	2.7	1.8	2.3	1.2	0.3	0.1	0.0
	2EG2	0.3	0.1	0.0	11.9	19.3	9.1	5.9	7.8	3.9	0.9	0.2	0.1
	2EH	0.0	0.0	0.0	8.4	8.2	2.2	1.8	2.7	0.9	0.3	0.1	0.0
	2EJ	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	1.6	5.0	1.7	1.9	2.3	1.1	0.1	0.0	0.0
	2FA	0.0	0.0	0.0	0.7	2.4	2.1	1.6	1.7	1.4	0.3	0.1	0.0
	2FB	0.0	0.0	0.0	0.2	0.6	0.5	0.4	0.4	0.4	0.1	0.0	0.0
	2FC	0.2	0.1	0.0	4.8	7.1	4.7	3.5	3.1	2.5	0.6	0.2	0.1
	2GA	0.1	0.0	0.0	1.9	3.6	3.2	2.0	1.6	1.3	0.3	0.1	0.1
	2GB	1.1	0.5	0.1	8.6	11.5	7.9	6.1	4.4	4.2	1.2	1.6	0.9
	2GC	3.6	2.2	1.5	16.3	14.4	7.6	4.4	2.6	2.4	2.4	6.1	2.7
	2GD	5.0	3.1	2.1	23.0	20.3	10.8	6.3	3.7	3.5	3.3	8.7	3.8
	2H-1	0.0	0.0	0.0	2.2	2.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	2.5	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.2	0.2	0.1	3.0	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	2.3	3.6	2.7	74.0	38.2	19.0	6.3	2.3	0.7	0.2	0.9	2.1
	2KB	1.0	0.9	0.7	8.9	6.2	1.6	1.5	1.0	0.3	0.1	0.2	0.8
	2KC	0.0	0.0	0.0	0.0	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.2	2.1	1.6	8.2	6.2	1.8	1.3	1.2	1.2	1.2	1.4	1.3
	3AB	1.6	0.8	0.4	5.4	4.6	0.6	0.1	0.1	0.1	0.1	0.1	0.1
	3AC	2.1	1.2	0.6	8.9	5.7	0.7	0.1	0.0	0.0	0.0	0.1	0.0
	3BA	0.7	1.0	0.7	5.5	3.6	0.7	0.4	0.3	0.2	0.2	0.6	0.3
	3BB	0.6	1.0	0.8	4.5	2.7	0.6	0.4	0.3	0.3	0.3	0.7	0.4
	3BC	4.0	3.8	3.3	13.2	9.3	3.4	2.6	2.2	2.1	2.1	2.7	2.9
	3BD	1.4	1.4	1.2	6.4	3.8	1.3	0.9	0.8	0.7	0.7	0.8	1.0
	3CB	3.0	2.8	2.6	9.9	6.3	2.7	2.4	2.2	2.1	2.1	2.3	2.4
	3DA	1.4	0.7	0.6	16.1	5.3	0.5	1.4	1.5	1.5	1.5	1.3	1.2
	3DB	1.8	0.9	0.2	7.9	6.9	0.8	0.0	0.0	0.0	0.0	0.7	5.5
	3EA	3.4	2.9	1.1	18.6	8.9	0.8	0.1	0.0	0.0	0.0	0.0	0.5
	3EB	2.5	3.4	1.1	19.3	11.0	0.7	0.0	0.0	0.0	0.0	0.1	4.3
	3EC	2.2	3.6	1.0	18.8	12.1	0.6	0.0	0.0	0.0	0.0	0.2	6.0
	3ED	0.9	0.5	0.2	4.9	5.3	0.3	0.0	0.0	0.0	0.0	0.0	2.3
	3FA	5.3	2.7	1.7	19.1	21.5	2.7	1.1	1.1	1.0	1.0	0.9	4.4
	3FB	5.1	0.0	0.0	0.0	3.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	3G	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.5	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	1.3	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.6	0.6	0.3	2.6	2.2	0.3	0.1	0.1	0.1	0.1	0.2	0.1
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2025 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.5	1.9	1.5	9.9	12.1	2.1	1.5	1.3	1.2	1.2	1.8	3.8
	4AB	3.6	3.1	2.2	12.6	14.1	3.6	2.6	1.8	1.4	1.4	2.5	3.5
	4AC	2.5	1.8	0.9	10.4	11.3	2.5	1.2	0.4	0.2	0.4	1.9	1.7
	4AD	4.2	3.3	2.4	16.4	15.7	4.0	2.6	1.5	1.1	1.6	4.7	3.7
	4BA	2.9	1.4	0.8	8.1	8.3	1.6	0.9	0.7	0.7	0.6	1.0	1.6
	4BB	4.7	4.2	3.9	15.4	13.0	3.8	3.2	2.6	2.4	2.7	6.7	4.2
	4BC	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	7.9	6.7	6.0	26.1	22.0	6.0	5.0	4.0	3.7	4.0	10.6	6.5
	4BE	6.9	4.5	3.5	25.1	19.2	4.7	3.2	2.4	2.1	2.5	6.5	4.9
	4BF	1.1	0.2	0.2	10.2	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	4BG	2.6	0.2	0.0	11.5	5.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	4CA	3.4	3.2	3.2	17.5	12.9	4.0	2.7	1.7	1.4	2.0	5.7	3.3
	4CB	1.8	1.5	1.3	11.5	7.6	1.4	0.7	0.3	0.1	0.5	2.0	1.2
	4CC	0.6	0.5	0.4	3.7	2.5	0.4	0.2	0.1	0.0	0.2	0.6	0.4
	4DA	0.0	0.0	0.0	9.2	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	5.5	4.4	4.1	32.0	26.0	5.2	3.9	3.6	3.5	3.5	8.2	7.3
	4DC	2.3	1.8	1.5	11.9	11.0	2.2	1.5	1.4	1.3	1.3	5.7	4.0
	4DD	0.6	0.4	0.0	3.1	2.3	0.4	0.1	0.1	0.1	0.1	0.0	0.1
	4DE	2.9	0.2	0.0	7.3	4.9	0.9	0.1	0.0	0.0	0.0	0.0	0.3
	4EA	7.6	6.2	5.7	31.7	31.4	8.3	5.9	5.5	5.4	5.3	20.7	16.8
	4EB	5.5	5.4	5.2	38.8	39.8	6.4	5.0	4.8	4.6	5.0	30.8	17.7
	4EC	0.1	0.0	0.0	9.3	9.9	0.3	0.0	0.0	0.0	0.0	1.2	1.7
	4ED	1.8	0.0	0.0	23.0	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4FA	13.8	10.7	10.1	59.2	64.4	13.5	10.4	9.8	9.6	9.3	26.8	30.7
	4FB	6.0	0.7	0.0	23.9	30.0	3.9	0.6	0.1	0.0	0.0	1.4	14.9
	4GA	9.1	4.4	3.3	9.7	18.5	5.8	3.9	3.6	3.5	3.3	2.0	5.1
	4GB	7.4	0.5	0.0	0.0	6.5	2.2	0.4	0.2	0.0	0.0	0.0	1.4
	4GC	4.9	0.0	0.0	0.0	3.8	1.6	0.2	0.1	0.0	0.0	0.0	1.1
	4GD	10.6	0.1	0.0	0.0	7.2	3.3	0.5	0.4	0.1	0.0	0.0	2.4
	4GE	8.1	0.0	0.0	0.0	5.1	2.2	0.3	0.1	0.0	0.0	0.0	1.7
	4GF	21.9	0.1	0.7	0.0	12.7	6.2	1.1	0.6	0.1	0.0	0.0	5.2
	4GG	15.5	0.0	0.4	0.0	9.3	5.7	0.3	0.0	0.0	0.0	0.0	5.2
	4HA	9.3	4.5	2.4	9.6	8.8	2.7	1.3	0.9	0.7	0.9	2.7	15.0
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.5	0.0	0.0	0.0	10.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.2	0.0	0.0	0.0	4.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.3	0.0	0.0	0.0	6.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.5	0.0	0.0	0.0	11.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.4	0.3	0.3	6.9	7.3	2.7	3.0	4.2	2.4	0.6	0.4	0.3
	5AB	0.1	0.1	0.1	3.4	2.6	0.7	1.3	1.2	0.8	0.2	0.1	0.1
	5AC	0.0	0.0	0.0	0.9	1.8	0.3	0.2	0.3	0.2	0.0	0.0	0.0
	5AD	0.1	0.1	0.1	0.6	1.3	0.2	0.1	0.3	0.2	0.1	0.1	0.1
	5BA	0.4	0.3	0.2	2.3	3.5	0.7	0.3	0.2	0.2	0.2	0.2	0.4
	5BB	0.7	0.6	0.4	6.2	5.8	1.3	0.9	0.6	0.3	0.3	1.1	0.8
	5BC-1	1.3	0.9	0.7	11.0	13.1	2.6	1.7	1.8	1.3	0.8	0.9	1.2
	5BC-2	0.1	0.1	0.1	1.1	1.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1
	5BD	0.5	0.5	0.5	3.2	3.3	1.1	1.3	1.4	1.0	0.5	0.5	0.5
	5BE	0.7	0.3	0.2	11.9	9.7	1.3	0.4	0.3	0.2	0.2	3.3	3.4
	5CA	0.2	0.1	0.1	0.7	3.8	0.8	0.7	1.5	0.2	0.1	0.1	0.1
	5CB	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0
	5CC	0.1	0.0	0.0	2.3	9.5	1.0	0.1	0.1	0.0	0.0	0.0	0.0
	5DA	2.4	0.9	1.1	24.9	13.5	1.9	0.5	0.5	0.2	0.1	8.7	8.2
	5DB	0.2	0.1	0.0	0.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.3	0.1	0.0	0.0	0.6	0.5	0.1	0.4	0.2	0.1	0.1	0.3
	5DD	0.2	0.0	0.0	0.0	0.5	0.5	0.0	0.4	0.2	0.0	0.0	0.2
	5EA	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	48.7	0.0	0.0	0.0	0.8	0.6	0.3	0.1
	5ED	3.4	0.0	0.0	0.0	24.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.1	0.1	0.0	6.1	228.3	67.2	31.3	14.3	7.6	3.7	1.7	0.6

Monthly Surface Water by Sub-basin

Year 2026 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.4	2.9	3.6	2.3	1.0	1.7	1.8	1.2	1.6	1.2
	1AB	1.1	0.9	0.9	4.0	6.3	4.8	2.6	3.6	3.7	2.8	2.5	2.0
	1AC	0.0	0.0	0.0	0.3	1.5	1.1	0.3	0.3	0.6	0.4	0.4	0.3
	1AD	0.5	0.4	0.5	4.0	4.9	3.2	1.3	1.8	2.2	1.6	2.8	2.2
	1AE	0.3	0.2	0.4	2.4	2.1	1.2	0.6	0.7	0.8	0.7	1.2	1.2
	1AF	0.9	0.7	0.8	3.8	5.2	3.4	1.6	2.1	2.6	2.0	3.0	2.3
	1AG	0.4	0.3	0.4	2.8	4.1	2.6	1.1	1.6	2.0	1.4	2.3	1.7
	1AH	0.3	0.2	0.4	4.5	3.9	2.0	0.9	1.4	1.8	1.1	2.6	1.9
	1BA	0.3	0.3	0.3	1.7	4.9	4.7	3.0	2.4	1.2	0.8	0.6	0.4
	1BB	1.8	1.7	1.7	4.5	14.0	14.8	10.9	8.9	4.6	3.3	2.5	2.0
	1BC	1.0	0.9	0.9	0.8	3.6	7.2	6.3	6.6	4.3	3.1	1.9	1.2
	1BD	2.1	2.1	2.0	1.9	3.7	4.1	4.6	5.0	4.1	3.2	2.5	2.3
	1BE	1.3	1.1	1.1	0.8	5.6	10.3	10.9	12.5	8.3	5.5	3.4	1.8
	1BG	2.5	2.3	2.3	2.9	7.9	9.7	8.7	10.8	8.7	6.8	4.5	3.3
	1BH	1.7	1.5	1.5	2.7	6.6	7.0	5.2	6.7	6.1	4.7	3.2	2.5
	1CA	1.9	1.8	1.8	1.8	3.5	3.7	4.3	3.8	3.0	2.4	2.0	2.0
	1CB	1.4	1.4	1.4	1.4	3.7	3.9	4.7	3.9	3.0	2.3	1.7	1.7
	1CC	3.0	3.0	2.9	3.1	6.6	7.5	8.1	6.0	5.5	4.2	3.4	3.2
	1CD	5.1	4.9	4.9	5.3	11.9	12.6	13.8	12.1	11.1	8.2	6.5	6.6
	1CE	1.6	1.5	1.5	1.7	3.0	3.6	3.0	3.2	3.7	2.9	2.2	2.2
	1DA	2.8	2.7	2.8	4.0	8.3	7.8	5.0	5.5	7.5	5.9	5.0	5.4
	1DB	4.5	4.2	4.2	7.5	12.9	12.0	8.1	9.8	9.7	8.2	7.0	6.0
	1DC	2.0	1.9	1.9	2.5	6.1	5.4	3.2	3.5	4.3	3.9	3.9	3.3
	1DD	2.3	2.1	2.2	3.7	7.1	5.5	3.4	3.9	4.5	3.8	4.7	3.7
	1EA	4.7	4.6	4.6	6.7	12.3	9.7	8.1	7.8	10.0	8.6	7.6	8.0
	1EB	4.0	3.9	3.9	6.1	9.3	6.9	5.6	5.8	7.1	6.6	6.4	6.0
	1EC	2.4	2.4	2.4	3.1	5.2	4.5	3.4	3.5	4.3	3.9	3.8	3.7
	1ED	0.9	0.9	0.9	1.6	2.5	1.9	1.4	1.7	1.8	1.5	2.0	1.5
	1EE	0.6	0.6	0.5	2.2	5.4	3.1	1.8	3.3	3.0	1.6	4.8	2.4
	1EF	0.0	0.0	0.0	3.1	5.9	2.7	0.2	1.4	1.8	0.6	4.3	2.1
	1EG	1.0	0.9	1.0	4.0	7.6	4.4	3.1	4.6	4.3	2.9	6.6	4.0
	1FA	0.2	0.2	0.2	0.3	1.9	2.8	2.7	1.8	1.6	0.7	0.4	0.3
	1FB	2.0	1.9	2.0	3.2	8.0	7.5	8.0	6.0	5.9	4.3	3.5	3.4
	1FC	1.3	1.3	1.3	1.8	4.7	3.9	4.1	3.4	3.3	2.6	2.2	2.0
	1FD	1.9	1.7	1.8	3.1	8.4	8.5	9.0	6.4	5.9	3.5	2.5	2.2
	1FE	2.9	2.8	3.0	7.9	14.9	9.0	7.6	7.2	8.2	7.8	7.5	6.8
	1FF	0.0	0.0	0.1	2.7	3.6	1.6	0.9	1.0	1.1	1.2	1.6	1.3
	1FG	0.0	0.0	0.0	8.2	9.5	3.4	0.0	1.1	2.1	1.3	6.6	3.8
LVSCA	1GA	0.9	0.8	1.0	3.8	10.0	9.2	7.7	6.0	5.8	2.9	1.4	1.5
	1GB	0.6	0.5	1.0	4.5	10.5	6.8	6.8	3.9	3.2	1.7	0.8	1.1
	1GC	2.5	2.3	2.6	7.9	12.8	8.6	7.9	8.9	10.8	6.7	3.7	4.8
	1GD	0.0	0.0	0.0	4.1	7.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0
	1GE	0.0	0.0	0.0	1.9	4.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	1GF	0.0	0.0	0.0	3.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1GG	0.5	0.4	0.7	5.1	8.1	4.4	3.3	3.3	4.2	2.2	0.9	1.7
	1HA1	0.7	0.9	1.6	7.4	6.7	2.3	2.6	1.8	1.6	1.5	1.8	1.9
	1HA2	0.0	0.0	0.1	1.3	0.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0
	1HB1	0.1	0.0	0.1	2.8	4.1	1.9	0.8	0.6	0.6	0.8	1.9	1.7
	1HB2	0.1	0.1	0.4	4.0	3.5	1.2	0.7	0.4	0.3	0.5	0.9	1.0
	1HC	0.0	0.0	0.0	0.5	2.2	1.5	0.4	0.0	0.0	0.0	0.3	1.0
	1HD	0.5	0.2	0.8	8.4	10.3	3.5	2.3	1.2	0.7	1.0	1.7	4.4
	1HE	0.2	0.0	0.3	8.6	8.8	3.2	1.9	0.6	0.1	0.9	3.0	5.1
	1HF	0.0	0.0	0.0	0.8	2.6	3.2	0.9	0.0	0.0	0.0	0.0	0.6
	1HG	0.0	0.0	0.1	4.1	4.0	1.8	0.3	0.0	0.0	0.0	1.2	2.7
	1JA	4.8	3.7	4.2	11.4	14.7	9.2	7.4	7.8	9.1	7.0	5.3	7.6
	1JB	0.9	0.7	0.8	3.7	3.8	2.1	1.4	1.3	1.6	1.4	0.9	1.3
	1JC	2.1	1.9	2.1	7.2	8.0	4.8	3.6	3.6	4.6	3.6	2.5	2.9
	1JD	2.0	1.8	1.9	4.2	4.5	3.0	2.5	2.4	2.7	2.4	2.0	2.4
	1JE	2.9	1.5	2.4	6.7	7.1	2.7	2.1	1.7	1.8	1.7	3.2	7.0
	1JF	6.6	4.6	5.5	13.6	17.2	8.8	7.1	6.8	8.0	6.1	5.8	11.0
	1JG1	0.5	0.3	0.4	2.5	4.3	1.9	0.9	0.7	0.7	0.6	0.4	1.2
	1JG2	0.3	0.2	0.3	1.2	1.7	0.5	0.2	0.3	0.2	0.3	0.3	0.5
	1KA	0.5	0.2	0.9	6.3	6.3	2.3	1.6	0.8	0.5	2.0	3.3	5.3
	1KB	6.3	2.5	8.0	38.6	38.6	13.2	7.1	4.5	3.4	8.9	22.3	38.5
	1KC	10.1	4.0	9.6	34.7	32.2	12.6	5.6	3.5	2.7	5.8	28.6	40.8
	1LA1	5.2	2.6	2.9	9.4	12.4	6.1	5.4	5.5	5.9	3.8	3.9	9.7
	1LA2	5.1	2.6	4.3	10.4	14.5	5.9	3.3	2.4	2.5	2.5	5.6	12.2
	1LA3	2.5	1.7	1.7	2.4	13.1	6.0	2.6	1.5	1.2	1.1	1.5	3.7
	1LB1	7.4	3.8	4.1	10.0	15.5	7.2	6.2	6.3	5.9	4.0	4.4	13.6
	1LB2	0.7	0.3	0.2	0.9	8.2	2.5	0.4	0.0	0.0	0.0	0.0	0.7

Monthly Surface Water by Sub-basin

Year 2026 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.1	0.0	0.0	0.0	3.5	20.8	14.0	10.6	4.9	2.3	1.1	0.5
	2BB	0.1	0.0	0.0	0.0	5.7	33.5	22.5	17.0	7.9	3.7	1.8	0.8
	2BC	0.0	0.0	0.0	0.0	5.4	21.6	19.4	19.1	9.1	5.5	2.7	0.5
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.0	0.0	0.0	0.7	33.5	40.3	22.6	13.4	5.4	2.3	1.0	0.2
	2CC	0.0	0.0	0.0	0.0	23.0	48.9	31.7	22.0	8.3	2.8	1.1	0.2
	2D	0.0	0.0	0.0	0.0	0.2	2.0	3.0	3.3	0.4	0.0	0.0	0.0
	2EA	0.0	0.0	0.0	0.0	1.4	3.4	3.1	2.7	2.5	1.0	0.3	0.4
	2EB	0.0	0.0	0.0	0.0	2.3	5.7	5.2	4.5	4.1	1.6	0.5	0.7
	2EC	0.0	0.0	0.0	0.0	0.7	2.0	3.8	4.4	4.6	2.4	0.6	0.6
	2ED	0.0	0.0	0.0	0.0	0.7	2.8	3.7	4.2	4.2	2.2	0.4	0.3
	2EE	0.0	0.0	0.0	0.1	4.0	12.0	7.0	6.4	4.0	1.6	0.1	0.0
	2EF	0.0	0.0	0.0	0.0	0.7	2.6	3.4	3.9	3.8	2.0	0.3	0.3
	2EG1	0.0	0.0	0.0	0.0	0.4	1.8	2.2	2.6	2.1	1.0	0.2	0.1
	2EG2	0.0	0.0	0.0	0.0	1.2	6.0	7.2	8.7	7.0	3.2	0.7	0.5
	2EH	0.0	0.0	0.0	1.5	4.9	4.6	2.3	1.5	0.9	0.5	0.2	0.0
	2EJ	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.3	0.1	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	1.5	4.2	3.5	2.8	1.7	0.4	0.1	0.3
	2FA	0.0	0.0	0.0	0.0	0.5	0.8	1.2	1.4	1.4	1.0	0.4	0.5
	2FB	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.3	0.1	0.1
	2FC	0.0	0.0	0.0	0.0	1.1	2.0	2.9	3.8	3.8	2.3	1.0	1.8
	2GA	0.0	0.0	0.0	0.0	1.0	0.8	0.9	0.8	0.9	0.6	0.4	0.6
	2GB	0.2	0.0	0.0	0.0	5.3	3.7	3.1	3.3	3.9	2.2	2.1	3.3
	2GC	0.7	0.2	0.1	3.9	13.6	6.2	2.1	1.0	1.6	1.2	5.1	5.4
	2GD	1.0	0.3	0.1	5.5	19.2	8.8	2.9	1.5	2.2	1.7	7.2	7.6
	2H-1	0.0	0.0	0.0	0.0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.1	2.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	1.7	0.7	0.4	1.1	11.2	4.9	2.6	1.6	1.3	0.6	0.8	4.3
	2KB	0.7	0.3	0.2	0.3	2.4	1.0	0.9	0.7	0.5	0.3	0.3	1.0
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.3	1.2	1.3	2.4	10.0	2.8	1.4	1.2	1.2	1.2	1.5	4.5
	3AB	0.1	0.1	0.1	0.3	4.4	1.0	0.2	0.1	0.1	0.1	0.1	1.8
	3AC	0.1	0.0	0.0	0.5	8.4	1.5	0.2	0.0	0.0	0.0	0.3	4.8
	3BA	0.4	0.2	0.5	0.9	6.6	1.3	0.4	0.2	0.2	0.2	0.9	3.0
	3BB	0.5	0.3	0.6	1.5	5.3	1.1	0.4	0.3	0.3	0.3	1.1	2.4
	3BC	2.4	2.1	2.1	6.6	14.9	5.0	2.7	2.2	2.1	2.0	3.5	7.5
	3BD	0.8	0.7	0.7	2.9	6.6	1.7	1.0	0.8	0.7	0.7	1.6	3.2
	3CB	2.3	2.1	2.2	4.0	9.6	3.3	2.5	2.2	2.1	2.1	2.6	5.2
	3DA	1.3	1.3	1.4	3.7	12.0	1.1	0.8	1.5	1.5	1.5	5.0	11.8
	3DB	1.2	0.2	0.0	3.4	9.2	1.6	0.2	0.0	0.0	0.0	6.5	12.7
	3EA	1.0	0.3	0.1	3.2	10.9	1.5	0.2	0.0	0.0	0.0	2.6	14.2
	3EB	1.9	0.4	0.0	5.6	10.6	1.4	0.1	0.0	0.0	0.0	7.5	16.0
	3EC	2.2	0.4	0.0	5.7	10.4	1.5	0.1	0.0	0.0	0.0	8.3	16.2
	3ED	0.7	0.0	0.0	1.2	4.5	0.8	0.0	0.0	0.0	0.0	3.0	8.1
	3FA	4.7	1.9	1.0	0.0	11.2	4.4	1.4	1.1	1.1	1.0	1.6	39.2
	3FB	1.0	0.0	0.0	0.0	5.7	1.4	0.0	0.0	0.0	0.0	0.0	24.3
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	3HA	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.4
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
	3HC	0.0	0.0	0.0	0.0	3.2	7.8	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.1	0.2	0.4	22.8	9.9	0.2	0.1	0.1	0.1	0.3	0.9
	3LA	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	6.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.3	26.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2026 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.6	1.2	1.1	10.0	16.0	5.2	2.0	1.3	1.2	1.2	2.8	7.6
	4AB	1.8	1.4	1.3	11.6	19.1	7.0	2.8	1.6	1.4	1.3	1.6	6.2
	4AC	0.3	0.0	0.0	8.6	14.7	4.6	1.1	0.1	0.0	0.0	1.5	4.3
	4AD	1.2	0.7	0.6	13.2	20.0	6.5	2.1	0.9	0.8	0.8	4.6	7.5
	4BA	0.9	0.7	0.6	4.2	11.4	3.2	1.2	0.7	0.7	0.7	1.5	3.8
	4BB	2.6	2.3	2.3	12.3	16.5	6.0	3.0	2.4	2.3	2.4	8.1	7.5
	4BC	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	3.9	3.5	3.4	19.7	28.2	9.8	4.6	3.6	3.5	3.5	12.7	12.4
	4BE	2.3	1.8	1.7	14.9	26.5	7.9	3.4	2.0	1.7	1.8	10.1	10.5
	4BF	0.0	0.0	0.0	3.1	8.8	0.6	0.0	0.0	0.0	0.0	1.8	3.1
	4BG	0.0	0.0	0.0	0.0	13.3	1.8	0.1	0.0	0.0	0.0	0.0	5.3
	4CA	1.3	0.8	0.6	11.6	16.9	5.4	2.0	0.9	0.8	1.2	7.8	6.8
	4CB	0.2	0.0	0.0	7.0	11.0	2.6	0.6	0.0	0.0	0.3	4.3	4.3
	4CC	0.1	0.0	0.0	2.3	3.6	0.8	0.2	0.0	0.0	0.1	1.4	1.4
	4DA	0.0	0.0	0.0	0.5	12.1	0.1	0.0	0.0	0.0	0.0	0.0	1.5
	4DB	3.9	3.5	3.4	21.1	30.5	7.9	4.4	3.6	3.5	3.4	13.1	16.4
	4DC	1.6	1.3	1.3	8.4	11.8	3.5	1.8	1.4	1.3	1.3	6.7	6.8
	4DD	0.1	0.1	0.1	2.2	6.7	1.2	0.3	0.1	0.1	0.1	0.6	3.7
	4DE	0.0	0.0	0.0	0.0	14.6	2.4	0.5	0.0	0.0	0.0	0.0	7.8
	4EA	6.7	5.5	5.3	27.6	31.6	9.1	6.4	5.5	5.3	5.2	20.8	28.2
	4EB	5.3	4.6	4.5	36.5	40.9	8.5	5.4	4.8	4.6	4.5	31.4	30.4
	4EC	0.0	0.0	0.0	9.1	14.4	1.2	0.0	0.0	0.0	0.0	5.9	10.3
	4ED	0.0	0.0	0.0	24.1	68.0	4.8	0.0	0.0	0.0	0.0	13.4	79.7
	4FA	11.1	9.6	9.3	41.3	66.5	14.4	10.8	9.6	9.3	9.1	26.5	56.3
	4FB	2.1	0.2	0.0	11.1	46.8	5.5	1.3	0.1	0.0	0.0	1.7	38.7
	4GA	3.9	3.5	3.5	3.0	37.3	7.6	4.6	3.7	3.5	3.4	0.0	17.9
	4GB	0.5	0.1	0.0	0.0	18.7	3.7	1.1	0.2	0.1	0.0	0.0	7.4
	4GC	0.4	0.0	0.0	0.0	13.3	2.5	0.7	0.1	0.0	0.0	0.0	4.2
	4GD	0.9	0.3	0.1	0.0	27.3	4.9	1.7	0.4	0.1	0.0	0.0	6.9
	4GE	0.5	0.1	0.0	0.0	12.8	3.3	1.0	0.1	0.0	0.0	0.0	3.3
	4GF	1.6	0.5	0.1	0.0	25.1	17.8	4.5	0.8	0.2	0.1	0.0	44.6
	4GG	0.9	0.0	0.0	0.0	16.1	80.4	10.5	1.0	0.0	0.0	0.0	7.3
	4HA	4.3	2.0	1.2	8.5	17.6	5.0	2.2	1.1	0.8	0.6	13.8	48.2
	4HB	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	7.0
	4JB	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	2.8
	4KA	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	4.4
	4KB	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	7.5
ENNCA	5AA	0.3	0.3	0.3	0.9	5.8	4.5	4.9	4.0	4.4	1.9	0.9	2.1
	5AB	0.1	0.1	0.1	0.4	2.5	1.7	1.4	1.2	1.5	0.5	0.3	1.0
	5AC	0.0	0.0	0.0	0.0	1.1	0.9	0.9	0.5	0.4	0.2	0.1	0.5
	5AD	0.1	0.0	0.0	0.0	1.2	0.6	0.8	0.4	0.2	0.2	0.1	0.6
	5BA	0.2	0.2	0.1	2.3	6.3	2.0	0.6	0.2	0.2	0.2	0.2	1.6
	5BB	0.3	0.3	0.3	6.1	9.6	3.3	1.2	0.5	0.4	0.3	0.9	3.6
	5BC-1	0.8	0.7	0.7	8.0	22.5	9.2	5.0	2.1	1.8	1.2	3.1	11.1
	5BC-2	0.1	0.1	0.1	0.8	2.2	0.9	0.5	0.2	0.2	0.1	0.3	1.1
	5BD	0.4	0.4	0.4	0.8	4.2	2.0	2.0	1.4	1.4	0.9	0.7	1.7
	5BE	0.4	0.2	0.2	12.2	17.0	8.5	2.6	0.5	0.3	1.2	13.1	16.6
	5CA	0.1	0.1	0.1	0.2	2.2	6.4	3.9	3.1	0.6	0.3	0.2	0.5
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.6	0.1	0.0	0.0	0.1
	5DA	0.9	0.3	0.2	16.3	17.5	2.8	1.7	0.7	0.2	0.1	11.2	22.3
	5DB	0.0	0.0	0.0	0.0	1.0	1.4	0.6	0.2	0.0	0.0	0.8	2.9
	5DC	0.1	0.0	0.0	0.0	1.4	0.6	0.7	0.3	0.2	0.1	0.0	0.9
	5DD	0.0	0.0	0.0	0.0	1.4	0.1	0.7	0.3	0.1	0.1	0.0	0.7
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	36.9	0.0	0.0	0.0	0.0	0.0	0.0	22.6
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.2	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2027 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.6	0.5	1.6	2.7	4.4	2.3	0.8	1.0	1.1	1.8	3.5	1.0
	1AB	1.3	1.2	3.6	6.2	8.3	5.0	2.1	2.6	2.8	4.0	7.1	2.4
	1AC	0.1	0.0	0.6	1.1	1.9	1.2	0.3	0.2	0.3	0.7	1.8	0.4
	1AD	1.0	0.7	1.6	2.3	5.5	3.1	0.9	0.7	0.9	1.5	4.0	1.5
	1AE	0.5	0.4	0.6	0.8	2.2	1.2	0.4	0.4	0.5	0.7	1.4	0.6
	1AF	1.1	1.0	2.1	2.7	5.8	3.3	1.2	1.2	1.1	1.9	4.0	1.7
	1AG	0.7	0.5	1.3	2.0	4.6	2.5	0.8	0.7	0.6	1.0	2.6	1.2
	1AH	0.5	0.4	1.0	1.4	4.4	1.8	0.4	0.5	0.4	0.7	2.2	0.6
	1BA	0.3	0.3	0.4	1.9	5.3	5.6	1.5	0.8	0.8	0.4	3.5	1.1
	1BB	1.7	1.7	1.9	6.4	16.4	17.7	5.3	3.7	3.3	2.0	10.6	3.6
	1BC	1.0	0.9	1.0	3.2	8.5	9.3	4.0	2.6	3.1	2.0	5.2	2.9
	1BD	2.1	2.0	2.2	4.1	5.2	7.3	3.8	3.3	3.9	2.8	4.9	3.4
	1BE	1.2	1.0	1.3	6.5	15.5	15.9	6.8	4.0	5.9	3.6	8.8	5.8
	1BG	2.7	2.4	3.5	13.7	14.7	12.5	6.3	7.0	7.8	5.6	13.1	5.8
	1BH	1.9	1.7	3.7	10.4	10.6	8.6	4.1	5.0	5.5	4.8	10.3	4.1
	1CA	1.9	1.8	2.0	2.9	4.3	6.9	3.2	2.7	2.6	2.1	3.9	2.8
	1CB	1.5	1.5	1.8	3.0	4.4	7.9	3.2	2.6	2.5	1.7	4.3	2.8
	1CC	3.0	3.0	3.4	5.0	7.0	9.8	4.8	4.0	3.9	3.2	5.4	4.2
	1CD	5.8	5.6	8.1	12.0	15.1	22.9	10.0	10.2	8.7	6.8	16.2	8.5
	1CE	1.9	1.7	2.6	4.6	3.8	5.3	2.8	4.2	3.1	2.5	5.7	2.5
	1DA	3.7	3.6	7.5	8.4	9.1	10.5	4.8	6.2	5.6	5.7	12.8	4.7
	1DB	4.8	4.6	9.4	15.0	17.1	13.3	7.0	8.3	8.2	9.7	16.8	7.3
	1DC	2.4	2.2	3.9	5.4	6.7	6.6	3.2	2.6	3.3	3.7	6.8	3.8
	1DD	2.5	2.4	3.8	5.0	7.4	6.3	3.1	2.6	2.9	3.4	6.1	3.7
	1EA	5.8	5.8	10.2	11.1	12.8	12.8	6.7	8.0	7.3	7.4	14.9	6.8
	1EB	4.5	4.4	6.6	8.0	9.8	8.5	5.0	5.4	5.4	5.6	9.5	5.3
	1EC	2.8	2.8	4.2	4.7	5.7	5.3	3.1	3.2	3.3	3.4	6.2	3.3
	1ED	1.1	1.0	1.4	1.9	2.6	2.1	1.2	1.1	1.1	1.1	1.9	1.3
	1EE	0.8	0.5	0.8	1.8	3.8	4.0	0.9	0.3	0.9	0.5	0.6	1.0
	1EF	0.0	0.0	0.0	0.9	4.7	4.7	0.3	0.0	0.3	0.0	0.0	0.7
	1EG	1.7	1.2	2.3	3.7	6.8	5.6	1.7	1.7	1.3	1.1	2.3	1.4
	1FA	0.2	0.2	0.4	1.2	2.1	3.0	0.9	0.7	0.5	0.3	1.2	0.6
	1FB	2.6	2.7	5.1	7.5	9.0	9.7	4.0	4.0	3.8	3.1	7.9	3.6
	1FC	1.5	1.5	2.9	4.4	4.7	5.1	2.3	2.1	2.3	1.9	4.1	2.3
	1FD	1.8	1.9	3.9	6.7	8.0	9.3	3.8	3.1	2.7	2.2	5.1	3.0
	1FE	4.1	3.9	8.9	11.5	13.1	14.3	5.4	4.9	5.5	6.0	13.1	5.9
	1FF	0.3	0.2	1.5	2.2	3.3	3.3	0.6	0.3	0.4	0.6	2.6	0.7
	1FG	0.0	0.0	2.8	2.1	10.7	5.7	0.0	0.0	0.0	0.0	0.4	0.0
LVSCA	1GA	1.1	1.3	4.7	7.0	9.3	11.9	3.4	1.9	1.9	1.2	5.9	2.4
	1GB	0.6	0.7	4.8	7.8	8.4	10.0	1.4	0.9	0.8	0.7	4.2	1.6
	1GC	3.4	4.2	9.9	11.4	13.5	17.3	7.1	5.9	6.2	4.3	12.1	5.5
	1GD	0.0	0.0	3.2	3.6	5.3	7.7	0.0	0.0	0.0	0.0	3.4	0.0
	1GE	0.0	0.0	0.3	0.7	2.6	4.9	0.0	0.0	0.0	0.0	0.1	0.0
	1GF	0.0	0.0	0.0	0.0	3.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0
	1GG	0.8	1.5	6.1	6.0	7.4	8.5	2.4	1.6	1.6	1.3	7.3	1.9
	1HA1	0.9	1.1	3.5	4.0	5.3	6.5	1.2	0.8	1.1	2.1	4.8	1.3
	1HA2	0.0	0.0	0.1	0.1	0.4	2.2	0.0	0.0	0.0	0.0	0.1	0.0
	1HB1	0.7	0.2	1.3	1.8	3.5	3.2	0.6	0.2	0.1	0.0	0.6	0.4
	1HB2	0.3	0.3	1.4	1.5	2.3	3.3	0.5	0.2	0.2	0.7	2.1	0.5
	1HC	0.5	0.2	0.9	1.5	4.3	3.9	0.6	0.1	0.0	0.0	0.0	0.0
	1HD	1.9	3.1	5.9	5.0	12.7	12.9	3.1	1.8	1.3	2.5	7.4	3.2
	1HE	2.2	3.6	6.1	5.2	13.9	9.8	2.1	1.3	1.0	2.8	9.0	3.5
	1HF	1.3	1.5	2.2	5.4	22.4	12.5	3.0	0.1	0.0	0.0	0.0	0.9
	1HG	1.3	1.5	1.9	2.9	9.8	3.0	0.4	0.0	0.0	0.0	1.2	1.0
	1JA	5.3	5.2	11.1	11.7	13.6	17.2	8.4	6.9	6.3	5.3	10.5	6.6
	1JB	0.9	1.0	2.8	2.5	3.2	3.6	1.8	1.4	1.1	1.1	2.3	1.3
	1JC	2.4	2.8	6.4	5.7	6.7	7.3	4.1	3.7	3.1	3.0	6.1	3.1
	1JD	2.0	2.1	3.5	3.3	3.9	4.2	2.7	2.5	2.2	2.2	3.1	2.2
	1JE	3.1	3.5	6.1	4.5	7.1	8.7	3.0	1.7	1.5	2.0	4.3	2.6
	1JF	6.7	7.4	13.6	11.5	15.2	19.8	8.7	6.0	5.5	5.7	9.8	7.0
	1JG1	0.7	0.7	2.1	1.9	3.8	4.7	1.5	0.8	0.6	0.7	1.6	1.0
	1JG2	0.3	0.3	0.6	0.5	1.7	2.1	0.4	0.2	0.3	0.4	0.9	0.5
	1KA	2.7	3.6	4.3	3.9	10.7	7.0	2.0	1.5	1.4	2.4	6.5	2.6
	1KB	16.1	19.5	23.2	20.9	67.7	39.2	10.3	6.1	5.3	8.8	25.1	12.2
	1KC	17.7	16.2	20.3	17.0	41.4	28.0	9.5	3.8	2.9	3.6	14.4	13.4
	1LA1	4.5	3.6	8.9	11.1	12.6	20.6	6.7	3.5	3.5	2.9	7.5	4.9
	1LA2	9.8	7.6	9.9	7.8	12.7	16.5	6.1	2.4	2.5	2.4	2.9	5.2
	1LA3	7.7	6.1	10.2	10.9	11.1	21.2	6.7	2.2	1.4	1.1	1.2	2.0
	1LB1	7.7	6.2	12.8	14.3	17.0	31.7	9.4	4.0	3.5	2.8	6.0	6.0
	1LB2	4.2	3.5	8.5	7.9	7.9	20.0	4.2	0.3	0.0	0.0	0.0	0.3

Monthly Surface Water by Sub-basin

Year 2027 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.1	0.0	0.0	0.2	12.8	29.8	7.9	3.3	1.9	0.7	3.5	1.1
	2BB	0.1	0.0	0.0	0.3	20.7	48.0	12.7	5.2	3.0	1.1	5.7	1.7
	2BC	0.0	0.0	0.0	3.4	21.6	40.5	11.2	4.2	4.4	1.6	10.7	3.4
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.0	0.0	0.0	0.4	20.8	83.6	11.4	3.8	2.0	0.7	4.7	2.0
	2CC	0.0	0.0	0.0	0.0	22.7	86.3	16.9	4.4	2.1	0.2	10.2	2.8
	2D	0.0	0.0	0.0	0.0	0.5	17.6	1.5	0.0	0.0	0.0	0.0	0.0
	2EA	0.2	0.0	0.0	0.1	0.5	4.8	1.2	0.3	0.1	0.0	0.0	0.1
	2EB	0.3	0.1	0.0	0.1	0.8	8.0	2.0	0.5	0.2	0.0	0.0	0.1
	2EC	0.2	0.0	0.1	0.4	0.9	5.0	2.4	0.6	0.4	0.0	0.4	0.6
	2ED	0.1	0.1	0.1	0.4	1.1	7.1	3.5	1.3	1.3	0.1	0.6	0.6
	2EE	0.0	0.0	0.1	0.5	2.7	21.7	4.5	1.3	1.2	0.0	0.7	0.6
	2EF	0.1	0.1	0.1	0.4	1.0	6.5	3.3	1.2	1.2	0.1	0.5	0.5
	2EG1	0.0	0.0	0.0	0.3	0.6	4.8	1.5	0.4	0.4	0.0	0.4	0.3
	2EG2	0.1	0.0	0.1	1.1	2.0	16.1	4.9	1.5	1.4	0.1	1.3	1.2
	2EH	0.0	0.0	0.0	0.5	5.7	14.5	1.4	0.4	0.1	0.0	0.1	0.1
	2EJ	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.6	6.7	1.4	0.2	0.0	0.0	0.0	0.0
	2FA	0.2	0.0	0.0	0.0	0.1	0.8	0.6	0.1	0.0	0.0	0.1	0.2
	2FB	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.1
	2FC	0.6	0.1	0.1	0.3	0.8	5.0	1.8	0.4	0.2	0.0	0.2	0.7
	2GA	0.2	0.0	0.0	0.0	0.1	1.5	0.8	0.1	0.0	0.0	0.1	0.4
	2GB	1.1	0.3	0.1	0.3	1.0	7.7	2.6	0.8	0.5	0.4	2.4	2.6
	2GC	1.5	0.4	0.2	0.6	4.4	11.5	2.9	0.8	0.9	0.7	5.7	4.1
	2GD	2.1	0.6	0.2	0.8	6.3	16.2	4.1	1.1	1.2	0.9	8.0	5.8
	2H-1	0.0	0.0	0.0	0.0	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	4.4	3.7	10.8	16.5	14.9	39.0	10.8	2.3	0.6	0.2	1.1	1.6
	2KB	1.0	1.2	1.6	2.2	2.1	2.7	2.1	1.0	0.3	0.1	0.2	0.7
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.2	1.4	1.3	2.4	4.1	2.6	1.6	1.2	1.2	1.2	1.4	1.5
	3AB	1.0	0.2	0.1	0.3	0.7	0.4	0.2	0.1	0.1	0.1	0.1	0.1
	3AC	1.4	0.2	0.0	0.1	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.1
	3BA	1.0	0.3	0.3	0.9	1.1	1.2	0.6	0.3	0.2	0.2	0.5	0.5
	3BB	0.9	0.4	0.4	1.2	1.4	1.3	0.6	0.3	0.3	0.3	0.6	0.6
	3BC	3.4	2.3	2.1	2.8	6.0	5.9	3.0	2.2	2.1	2.0	2.1	2.4
	3BD	1.2	0.8	0.7	0.9	2.3	2.5	1.1	0.8	0.7	0.7	0.7	0.8
	3CB	2.4	2.3	2.1	2.4	3.4	4.1	2.8	2.2	2.1	2.1	2.2	2.3
	3DA	1.1	0.9	1.5	1.1	1.1	1.0	1.5	1.5	1.5	1.5	1.4	1.5
	3DB	1.3	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3EA	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EB	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	7.1	1.6	1.0	0.7	1.1	1.1	1.2	1.1	1.1	1.1	0.9	1.1
	3FB	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.4	0.1	0.1	0.4	0.7	0.5	0.2	0.1	0.1	0.1	0.2	0.2
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2027 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.0	1.3	1.2	2.0	4.9	4.3	1.5	1.2	1.2	1.1	2.6	3.9
	4AB	2.4	1.5	1.3	1.3	3.1	6.3	2.0	1.4	1.3	1.2	1.5	3.7
	4AC	0.9	0.0	0.0	0.1	2.5	5.0	0.6	0.0	0.0	0.0	1.0	1.7
	4AD	1.8	0.8	0.5	1.2	6.5	8.4	1.6	0.8	0.7	0.5	3.2	3.7
	4BA	1.2	0.7	0.7	0.9	2.2	3.2	1.0	0.7	0.6	0.6	1.2	1.7
	4BB	2.7	2.3	2.2	4.3	7.7	8.0	2.7	2.3	2.2	2.2	5.6	3.9
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	4.2	3.5	3.4	6.7	12.3	13.0	4.1	3.4	3.3	3.2	8.7	6.2
	4BE	3.0	1.9	1.7	4.3	10.0	10.9	2.9	1.9	1.7	1.5	3.9	4.9
	4BF	0.1	0.0	0.0	0.2	1.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
	4BG	0.4	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.2
	4CA	1.8	0.8	0.5	2.6	8.0	8.5	1.9	0.8	0.6	0.3	2.7	2.9
	4CB	0.6	0.0	0.0	1.4	4.3	4.6	0.6	0.0	0.0	0.0	0.9	0.8
	4CC	0.2	0.0	0.0	0.5	1.4	1.5	0.2	0.0	0.0	0.0	0.3	0.3
	4DA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	4.7	3.6	3.4	5.4	11.5	10.2	3.9	3.5	3.4	3.3	6.5	6.9
	4DC	2.0	1.4	1.3	3.1	5.8	4.2	1.6	1.3	1.3	1.2	4.3	3.9
	4DD	0.5	0.1	0.1	0.0	0.9	0.8	0.2	0.1	0.1	0.1	0.0	0.4
	4DE	1.0	0.1	0.0	0.0	0.0	0.9	0.3	0.0	0.0	0.0	0.0	0.8
	4EA	8.4	5.7	5.2	8.5	12.3	13.6	6.3	5.1	5.0	4.9	11.6	13.0
	4EB	6.5	4.8	4.6	16.0	19.7	16.7	5.1	4.5	4.4	4.3	19.7	14.9
	4EC	0.5	0.0	0.0	0.9	4.9	2.9	0.0	0.0	0.0	0.0	1.5	2.4
	4ED	7.1	0.0	0.0	0.0	11.2	6.8	0.0	0.0	0.0	0.0	0.0	0.9
	4FA	14.2	10.0	9.2	12.7	16.2	16.6	9.9	8.8	8.6	8.5	14.9	20.7
	4FB	4.8	1.0	0.0	0.0	3.7	4.2	1.0	0.0	0.0	0.0	0.0	10.8
	4GA	6.3	4.1	3.6	2.1	3.3	4.5	3.9	3.5	3.5	3.5	1.1	7.7
	4GB	2.3	0.6	0.1	0.0	0.0	1.7	0.7	0.1	0.1	0.0	0.0	3.3
	4GC	1.2	0.3	0.0	0.0	0.0	1.6	0.6	0.0	0.0	0.0	0.0	2.9
	4GD	2.6	0.8	0.2	0.0	0.0	2.8	1.3	0.2	0.1	0.1	0.0	4.2
	4GE	1.7	0.4	0.0	0.0	0.0	1.8	0.9	0.0	0.0	0.0	0.0	2.3
	4GF	5.0	1.4	0.4	0.0	1.0	3.4	2.5	0.4	0.3	0.2	0.0	5.3
	4GG	5.1	1.2	0.0	0.0	4.7	3.0	2.2	0.0	0.0	0.0	0.0	4.6
	4HA	8.5	2.9	1.2	1.0	0.7	0.6	0.6	0.6	0.5	0.5	0.7	0.6
	4HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	185.8
	4JB	0.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	72.7
	4KA	0.0	0.0	0.0	0.0	22.7	0.0	0.0	0.0	0.0	0.0	0.0	117.2
	4KB	0.0	0.0	0.0	0.0	38.4	0.0	0.0	0.0	0.0	0.0	0.0	198.3
ENNCA	5AA	0.8	0.3	0.3	1.1	1.3	7.0	1.4	0.5	0.4	0.3	0.6	1.0
	5AB	0.3	0.1	0.1	0.2	0.4	2.7	0.4	0.1	0.1	0.1	0.2	0.4
	5AC	0.1	0.0	0.0	0.0	0.1	0.6	0.2	0.0	0.0	0.0	0.0	0.1
	5AD	0.2	0.1	0.1	0.0	0.1	0.0	0.2	0.1	0.1	0.0	0.1	0.1
	5BA	0.4	0.2	0.2	0.2	0.4	1.4	0.3	0.2	0.2	0.2	0.3	1.0
	5BB	0.6	0.3	0.3	0.4	1.4	4.3	0.5	0.3	0.3	0.3	1.5	2.4
	5BC-1	1.9	0.7	0.7	1.1	2.3	8.0	1.6	0.7	0.7	0.7	2.0	5.2
	5BC-2	0.2	0.1	0.1	0.1	0.2	0.8	0.2	0.1	0.1	0.1	0.2	0.5
	5BD	0.7	0.4	0.4	0.5	0.7	2.4	0.8	0.5	0.4	0.4	0.7	0.9
	5BE	1.4	0.3	0.2	4.1	3.7	8.4	0.6	0.2	0.2	0.2	5.6	5.7
	5CA	0.2	0.1	0.1	0.3	0.6	2.3	0.5	0.2	0.1	0.1	0.1	0.1
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.1	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0
	5DA	2.5	0.8	0.2	4.7	1.3	1.5	0.6	0.1	0.1	0.0	4.1	6.4
	5DB	0.5	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.4	0.1	0.0	0.0	0.3	0.5	0.3	0.1	0.1	0.0	0.0	0.7
	5DD	0.3	0.0	0.0	0.0	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.6
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.2	1.4	0.3	0.1	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2028 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.6	0.7	0.7	4.7	3.6	1.7	2.3	3.7	3.3	2.5	1.9	0.7
	1AB	1.4	1.4	1.3	8.1	6.8	3.4	5.0	8.1	6.8	5.5	3.5	1.8
	1AC	0.0	0.0	0.1	2.0	1.4	0.7	0.8	2.2	1.7	1.0	0.6	0.2
	1AD	0.7	1.0	1.1	5.9	5.0	2.4	2.3	4.3	4.2	3.0	3.1	1.1
	1AE	0.5	0.6	0.7	2.2	1.7	0.9	0.9	1.1	1.3	1.3	1.6	0.5
	1AF	1.1	1.2	1.4	6.2	5.4	2.7	2.7	4.0	4.7	3.3	3.0	1.3
	1AG	0.6	0.7	0.7	4.8	5.0	2.0	2.0	3.0	3.7	2.5	2.3	0.9
	1AH	0.6	0.7	0.9	4.1	4.5	1.6	1.5	2.1	2.6	2.4	2.8	0.5
	1BA	0.4	0.3	0.3	5.1	7.8	2.1	4.2	5.7	3.4	4.9	2.8	1.4
	1BB	2.0	1.8	1.6	13.4	24.3	7.6	14.7	18.8	13.2	16.9	9.1	4.0
	1BC	1.3	1.1	0.9	2.3	10.7	4.6	9.0	12.5	10.0	11.3	5.2	2.2
	1BD	2.3	2.2	2.0	3.2	8.2	4.1	4.9	9.4	6.0	6.9	4.1	2.7
	1BE	2.1	1.5	1.1	2.4	17.6	7.8	12.6	21.4	16.8	19.4	9.0	3.5
	1BG	3.2	3.0	2.4	8.3	18.5	7.5	12.9	24.3	15.4	16.6	8.0	3.9
	1BH	2.2	2.2	1.7	8.3	12.2	5.5	8.6	16.3	11.0	10.8	5.6	2.7
	1CA	2.1	2.0	1.8	4.4	6.8	3.6	4.5	7.4	4.3	4.7	3.5	2.5
	1CB	1.7	1.6	1.4	5.3	7.5	3.8	5.3	9.3	5.1	5.5	3.4	2.1
	1CC	3.3	3.3	3.1	9.1	9.8	5.3	7.2	10.9	8.1	8.4	5.5	3.6
	1CD	5.9	5.9	5.2	17.5	21.6	12.3	16.3	30.4	17.6	17.4	10.8	7.1
	1CE	1.8	1.9	1.6	4.8	5.7	3.5	4.7	10.6	5.5	5.1	2.8	1.9
	1DA	3.2	3.6	3.4	12.7	11.4	7.4	8.5	24.8	15.6	12.0	6.3	3.7
	1DB	5.1	5.2	4.8	17.0	16.9	9.5	12.8	22.3	17.2	14.9	9.1	5.8
	1DC	2.3	2.4	2.2	7.3	8.5	4.6	4.4	10.1	8.6	6.9	4.4	2.8
	1DD	2.5	2.6	2.5	7.8	9.5	4.7	4.5	7.7	8.1	6.3	4.7	3.0
	1EA	5.2	5.9	5.9	19.2	14.8	9.9	11.5	26.5	17.2	15.1	9.9	6.0
	1EB	4.3	4.6	4.5	13.2	11.8	6.9	7.8	16.6	13.5	11.0	7.6	4.8
	1EC	2.6	2.8	2.7	7.4	6.6	4.7	5.2	13.8	10.8	8.3	5.0	3.1
	1ED	1.0	1.1	1.0	3.0	4.0	1.7	1.7	3.0	3.0	2.4	1.9	1.2
	1EE	0.7	0.7	0.6	2.1	13.6	2.9	1.7	3.4	5.5	4.8	4.3	1.4
	1EF	0.0	0.0	0.0	0.7	14.2	1.6	0.0	1.7	4.7	4.5	5.3	0.7
	1EG	1.2	1.5	1.1	6.0	17.4	4.6	3.9	7.1	8.8	7.4	6.3	2.5
	1FA	0.3	0.3	0.4	3.5	3.3	1.2	1.8	3.8	2.8	3.0	1.4	0.4
	1FB	2.7	2.9	3.9	13.4	9.6	5.8	7.0	13.9	10.3	10.6	6.4	2.8
	1FC	1.7	1.9	2.1	7.7	5.6	3.0	3.4	6.9	5.7	5.9	3.9	1.9
	1FD	2.6	2.8	4.2	13.5	9.9	4.6	5.5	10.1	9.9	11.0	6.5	2.6
	1FE	4.1	4.9	4.7	23.6	21.0	8.7	9.5	23.1	17.2	15.4	10.5	5.0
	1FF	0.2	0.5	0.2	6.3	7.6	1.8	1.5	4.6	4.0	3.6	2.4	0.8
	1FG	0.0	0.0	0.0	5.9	20.1	1.0	0.0	2.4	6.8	5.8	8.9	0.6
LVSCA	1GA	2.1	1.9	2.1	16.0	10.9	2.9	5.6	13.3	9.0	9.9	4.3	1.5
	1GB	4.8	1.8	5.4	23.5	10.7	1.6	4.9	9.7	8.7	10.0	6.3	0.9
	1GC	8.6	5.7	4.2	20.7	20.8	6.6	9.5	23.7	16.0	14.4	6.7	3.3
	1GD	4.2	0.3	1.2	22.2	7.5	0.0	0.1	5.5	2.8	5.6	2.3	0.0
	1GE	2.9	0.1	1.5	19.6	6.0	0.0	0.1	4.6	3.1	4.3	3.2	0.0
	1GF	3.1	0.0	0.0	14.8	6.8	0.0	0.0	1.7	0.0	2.3	1.3	0.0
	1GG	3.8	2.0	1.4	13.5	8.4	1.9	3.6	10.3	6.5	6.7	2.7	0.8
	1HA1	3.0	1.6	2.0	15.8	7.4	1.7	2.0	3.9	3.7	4.0	4.0	1.3
	1HA2	0.7	0.1	0.1	17.3	3.7	0.0	0.0	0.1	0.1	0.3	0.7	0.1
	1HB1	0.3	0.5	0.2	3.0	7.4	1.5	0.6	1.0	1.7	2.3	2.5	1.2
	1HB2	0.7	0.6	0.3	6.1	6.0	1.0	0.5	1.2	1.2	1.5	1.5	0.7
	1HC	0.0	0.0	0.0	0.5	4.9	1.6	0.3	0.2	0.4	1.3	2.7	1.4
	1HD	2.8	3.0	3.7	18.0	22.8	5.7	2.4	3.9	3.4	5.6	4.2	1.8
	1HE	1.4	1.5	2.3	16.0	18.3	4.3	1.5	1.8	2.4	5.6	4.6	1.9
	1HF	0.2	0.1	0.3	16.8	26.2	6.3	0.8	0.3	0.2	3.3	6.3	3.3
	1HG	0.2	0.1	0.4	7.8	9.4	0.8	0.2	0.3	0.4	2.1	2.7	0.7
	1JA	9.8	8.4	6.9	21.5	19.0	8.6	9.1	18.3	12.4	13.4	9.0	5.4
	1JB	2.5	2.0	1.7	5.3	3.9	1.8	1.6	3.5	2.3	3.1	2.1	1.0
	1JC	6.0	4.3	3.6	10.2	7.9	4.0	4.2	8.1	5.9	6.9	4.6	2.6
	1JD	3.7	2.9	2.9	5.6	5.4	2.9	2.8	4.7	3.4	4.6	3.6	2.2
	1JE	2.4	3.4	5.2	14.7	10.8	3.1	2.0	3.4	3.3	4.4	3.3	2.0
	1JF	8.1	9.0	9.5	24.5	22.1	9.0	8.3	15.1	10.4	13.0	10.4	6.0
	1JG1	1.6	1.8	1.3	6.5	7.3	2.0	1.1	3.0	2.1	3.2	2.2	0.8
	1JG2	0.5	0.5	0.3	3.0	3.0	0.7	0.1	0.4	0.4	0.8	0.6	0.4
	1KA	1.3	1.4	3.4	12.5	16.4	4.1	1.3	1.9	2.7	4.1	3.9	1.5
	1KB	7.1	8.8	17.6	77.3	109.5	19.0	6.5	10.6	13.2	23.0	19.4	9.1
	1KC	7.3	9.5	20.1	91.5	86.5	13.5	4.8	4.9	9.1	19.3	12.0	9.1
	1LA1	5.6	5.2	5.3	26.8	20.3	7.0	6.3	12.9	8.0	8.0	5.8	3.7
	1LA2	3.6	5.1	6.3	38.6	39.5	7.2	2.8	2.0	3.4	6.5	3.0	2.7
	1LA3	2.1	3.3	5.6	71.5	50.6	7.2	2.4	1.4	1.6	2.0	1.3	1.2
	1LB1	5.3	6.2	8.1	41.7	35.8	10.5	8.6	17.4	11.1	11.3	5.9	4.4
	1LB2	0.4	0.9	2.6	58.1	62.8	6.7	0.9	0.0	0.0	0.3	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2028 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.3	0.1	0.0	1.6	26.0	11.7	27.6	39.7	30.3	37.4	14.7	3.9
	2BB	0.4	0.1	0.0	2.5	41.8	18.8	44.5	63.8	48.7	60.2	23.7	6.2
	2BC	0.4	0.0	0.0	1.7	25.3	11.0	27.8	52.9	35.0	40.8	14.6	4.6
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.3	0.1	0.0	38.4	70.5	13.4	49.5	82.6	28.8	35.7	19.1	7.2
	2CC	0.3	0.0	0.0	13.4	96.5	23.8	55.5	101.2	56.9	86.4	41.2	10.7
	2D	0.0	0.0	0.0	0.2	8.6	0.8	9.7	47.0	13.2	30.0	11.2	2.4
	2EA	0.0	0.0	0.0	0.7	5.0	2.0	4.5	6.5	3.7	3.8	1.2	0.5
	2EB	0.1	0.0	0.0	1.1	8.2	3.3	7.5	10.7	6.2	6.4	1.9	0.8
	2EC	0.3	0.2	0.0	0.8	11.5	4.8	5.4	13.4	7.4	7.3	2.1	0.8
	2ED	0.1	0.1	0.0	0.7	9.4	3.9	6.2	13.5	8.1	6.9	1.9	0.5
	2EE	0.0	0.0	0.0	4.4	16.1	3.5	16.0	24.2	8.3	8.2	2.6	0.8
	2EF	0.1	0.1	0.0	0.7	8.7	3.6	5.8	12.4	7.5	6.4	1.7	0.4
	2EG1	0.1	0.1	0.0	0.8	5.9	1.8	4.6	9.4	4.2	3.7	1.2	0.6
	2EG2	0.3	0.3	0.0	2.5	19.7	5.9	15.5	31.5	14.1	12.5	4.1	1.9
	2EH	0.0	0.0	0.0	4.6	5.6	0.9	7.6	12.7	3.3	4.4	1.9	0.9
	2EJ	0.0	0.0	0.0	0.1	0.2	0.0	1.9	14.4	2.3	4.0	2.0	0.9
	2EK	0.0	0.0	0.0	0.7	4.7	1.4	8.6	13.9	4.4	4.2	2.3	0.8
	2FA	0.1	0.0	0.0	0.4	3.5	2.3	1.7	2.0	1.8	2.1	0.9	0.5
	2FB	0.0	0.0	0.0	0.1	0.9	0.6	0.4	0.5	0.5	0.5	0.2	0.1
	2FC	0.5	0.5	0.2	3.9	11.2	4.4	4.2	7.5	4.6	5.4	1.8	0.9
	2GA	1.2	1.3	0.3	3.9	6.4	2.9	2.4	2.2	1.7	1.8	0.8	0.5
	2GB	3.7	2.3	0.5	14.1	15.0	6.7	6.8	7.3	5.8	6.4	3.5	2.0
	2GC	4.8	2.6	0.9	23.0	17.6	5.0	3.7	4.4	4.6	3.9	5.8	3.3
	2GD	6.8	3.7	1.3	32.5	24.9	7.0	5.3	6.2	6.5	5.5	8.2	4.7
	2H-1	0.0	0.0	0.0	7.3	12.5	1.9	0.5	0.1	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	8.6	14.3	1.8	0.6	0.1	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	1.0	3.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	5.8	4.3	3.4	69.8	55.9	10.3	4.2	7.4	5.5	3.7	1.3	0.9
	2KB	0.8	1.7	0.6	11.9	17.3	2.1	1.0	2.2	2.2	1.5	0.5	0.4
	2KC	0.0	0.0	0.0	2.3	22.1	2.9	0.4	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.3	1.3	1.4	8.2	13.2	3.2	1.8	1.3	1.2	1.2	1.4	1.6
	3AB	0.1	0.1	0.1	3.6	5.7	0.9	0.2	0.1	0.1	0.1	0.1	0.1
	3AC	0.0	0.0	0.0	3.7	7.8	1.5	0.4	0.0	0.0	0.0	0.1	0.3
	3BA	0.4	0.3	0.5	3.2	7.2	1.7	0.6	0.3	0.3	0.3	0.5	0.8
	3BB	0.5	0.4	0.6	3.8	6.0	1.6	0.6	0.4	0.3	0.3	0.6	1.0
	3BC	2.2	2.2	2.1	13.8	17.0	5.3	3.3	2.4	2.3	2.2	3.1	4.7
	3BD	0.8	0.8	0.7	5.6	7.2	2.0	1.2	0.8	0.8	0.7	0.8	2.0
	3CB	2.2	2.2	2.2	7.4	9.3	3.3	2.8	2.3	2.2	2.1	2.4	3.2
	3DA	1.5	1.6	1.3	8.9	5.7	0.6	1.4	1.5	1.5	1.5	1.3	3.3
	3DB	0.0	0.0	0.0	4.4	6.0	0.6	0.1	0.0	0.0	0.0	3.3	7.8
	3EA	0.0	0.0	0.0	9.6	4.5	0.5	0.1	0.0	0.0	0.0	0.2	5.2
	3EB	0.0	0.0	0.0	11.4	4.6	0.4	0.0	0.0	0.0	0.0	3.5	9.9
	3EC	0.0	0.0	0.0	9.2	3.9	0.3	0.0	0.0	0.0	0.0	2.7	10.4
	3ED	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.5	5.3
	3FA	1.0	1.1	0.9	0.0	5.8	1.6	1.2	1.1	1.1	1.0	1.4	8.4
	3FB	0.0	0.0	0.0	0.0	7.5	0.5	0.0	0.0	0.0	0.0	0.0	10.9
	3G	0.0	0.0	0.0	3.4	0.5	0.2	0.0	0.0	0.0	0.0	0.0	1.3
	3HA	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.1	0.2	2.2	4.3	0.9	0.3	0.1	0.1	0.1	0.2	0.3
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.5	0.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2028 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.4	1.3	1.1	14.7	7.4	1.9	1.4	1.2	1.2	1.2	5.6	7.4
	4AB	1.6	1.4	1.2	18.1	10.7	2.8	2.0	2.0	2.4	2.3	6.6	6.4
	4AC	0.7	0.3	0.0	15.6	9.6	1.6	0.8	0.8	1.1	0.8	4.1	4.2
	4AD	1.5	1.1	0.7	23.0	14.9	3.0	1.9	2.0	2.4	2.1	8.7	6.4
	4BA	0.7	0.7	0.6	10.0	8.9	1.6	0.9	0.7	0.6	0.6	3.2	3.9
	4BB	2.4	2.3	2.2	19.5	14.4	3.8	3.0	2.7	3.0	3.1	10.1	6.3
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	4BD	3.5	3.5	3.3	32.4	25.0	6.1	4.5	4.1	4.6	4.8	16.2	10.4
	4BE	2.2	2.0	1.9	27.5	24.9	5.2	3.2	2.6	2.6	2.8	10.8	9.2
	4BF	0.0	0.0	0.0	7.7	7.1	0.3	0.0	0.0	0.0	0.0	1.1	2.5
	4BG	0.0	0.0	0.0	2.7	9.5	0.6	0.0	0.0	0.0	0.0	0.0	1.7
	4CA	1.9	1.2	1.0	22.6	17.4	4.1	2.5	2.0	2.1	2.0	7.6	5.7
	4CB	0.2	0.0	0.1	12.2	10.5	2.0	0.8	0.3	0.3	0.3	3.3	3.7
	4CC	0.0	0.0	0.0	3.9	3.4	0.6	0.3	0.1	0.1	0.1	1.1	1.2
	4DA	0.0	0.0	0.0	2.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	4DB	3.7	3.4	3.3	46.0	23.4	5.7	3.9	3.5	3.5	3.5	24.4	23.1
	4DC	1.5	1.3	1.3	19.6	9.7	2.6	1.6	1.4	1.3	1.4	12.4	9.6
	4DD	0.1	0.1	0.1	1.3	4.0	0.5	0.2	0.1	0.1	0.1	0.7	2.1
	4DE	0.0	0.0	0.0	0.0	8.8	0.7	0.0	0.0	0.0	0.0	0.0	1.2
	4EA	6.4	5.4	4.7	61.1	22.6	7.6	5.4	5.1	5.0	4.9	41.4	38.7
	4EB	6.2	4.7	4.5	82.3	29.1	6.5	4.9	4.6	4.5	6.3	51.2	38.9
	4EC	0.0	0.0	0.0	23.5	11.3	0.6	0.0	0.0	0.0	0.0	11.1	12.6
	4ED	0.0	0.0	0.0	42.6	43.2	0.0	0.0	0.0	0.0	0.0	7.8	43.3
	4FA	9.9	9.0	8.2	89.0	46.5	11.1	9.0	8.6	8.4	8.1	74.6	81.1
	4FB	1.6	0.4	0.0	43.8	30.4	3.1	0.4	0.0	0.0	0.0	36.5	44.9
	4GA	3.9	3.8	3.4	10.6	29.7	5.9	3.9	3.6	3.4	3.0	12.4	32.2
	4GB	0.2	0.3	0.0	0.0	16.6	2.2	0.5	0.2	0.0	0.0	0.0	4.2
	4GC	0.1	0.2	0.0	0.0	12.8	1.3	0.2	0.0	0.0	0.0	0.0	0.0
	4GD	0.4	0.6	0.0	0.0	24.6	2.6	0.6	0.3	0.0	0.3	0.0	0.0
	4GE	0.2	0.3	0.0	0.0	15.9	1.6	0.3	0.1	0.0	0.1	0.0	0.0
	4GF	0.8	0.9	0.1	0.0	41.0	4.4	1.3	0.5	0.0	0.6	0.0	0.0
	4GG	0.2	0.2	0.0	0.0	40.0	4.2	1.0	0.0	0.0	0.0	0.0	0.0
	4HA	0.5	0.5	0.9	12.4	6.7	1.9	0.9	0.6	0.5	0.5	3.9	30.1
	4HB	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	121.7	26.7	0.0	0.0	0.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	47.6	10.4	0.0	0.0	0.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	76.7	16.8	0.0	0.0	0.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	129.9	28.5	0.0	0.0	0.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.4	0.3	0.3	7.3	9.1	3.2	6.9	9.1	5.9	6.9	2.3	1.6
	5AB	0.1	0.1	0.1	4.0	3.2	1.0	2.8	3.2	2.2	2.1	1.0	0.5
	5AC	0.0	0.0	0.0	2.5	5.1	0.6	1.6	4.7	1.0	1.3	0.4	0.3
	5AD	0.1	0.0	0.0	1.3	3.0	0.5	1.0	1.7	0.9	1.0	0.4	0.4
	5BA	0.2	0.2	0.1	3.3	2.9	0.3	0.2	0.2	0.2	0.2	0.8	1.5
	5BB	0.4	0.3	0.3	9.0	5.2	0.8	0.7	1.0	1.5	1.7	2.9	2.3
	5BC-1	1.1	0.7	0.7	13.4	13.1	1.9	2.8	3.6	3.1	4.9	5.2	5.6
	5BC-2	0.1	0.1	0.1	1.3	1.3	0.2	0.3	0.4	0.3	0.5	0.5	0.5
	5BD	0.5	0.4	0.4	3.7	5.0	1.2	2.3	3.0	2.2	2.7	1.4	1.2
	5BE	1.1	0.3	0.4	14.7	7.7	0.6	0.3	0.3	0.3	0.6	11.8	10.3
	5CA	0.1	0.1	0.1	7.0	11.6	1.2	3.8	10.4	2.6	3.4	0.9	0.5
	5CB	0.0	0.0	0.0	0.0	7.0	1.1	0.1	0.9	0.2	0.4	0.0	0.0
	5CC	0.0	0.0	0.0	4.7	12.9	1.0	0.5	1.1	0.3	1.0	0.2	0.0
	5DA	0.8	0.3	0.1	30.0	10.6	1.5	0.4	0.5	0.0	0.6	29.0	29.2
	5DB	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.2	0.8
	5DC	0.1	0.1	0.0	0.0	1.9	0.3	0.1	0.5	0.1	0.5	0.0	0.5
	5DD	0.1	0.0	0.0	0.0	1.8	0.3	0.0	0.3	0.1	0.6	0.0	0.3
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	22.7	43.5
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	30.3	76.2	21.0	9.3	4.2	2.2	1.6	1.0	0.5

Monthly Surface Water by Sub-basin

Year 2029 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.4	0.4	2.5	5.5	2.4	1.0	1.2	1.1	1.7	1.5	1.7
	1AB	1.2	1.0	1.0	4.9	8.4	4.9	2.7	3.3	2.8	3.8	2.5	3.0
	1AC	0.0	0.0	0.0	0.5	1.7	0.9	0.3	0.3	0.4	0.5	0.3	0.3
	1AD	0.6	0.5	0.4	2.3	7.9	3.0	1.2	0.9	1.1	1.6	2.2	2.5
	1AE	0.3	0.3	0.3	1.0	4.9	1.4	0.5	0.4	0.4	0.5	1.1	1.3
	1AF	0.9	0.8	0.7	2.6	7.3	3.1	1.5	1.3	1.6	2.1	2.3	2.6
	1AG	0.5	0.4	0.3	1.8	5.6	2.5	1.0	0.9	1.2	1.7	1.8	2.1
	1AH	0.3	0.2	0.2	1.9	8.7	2.1	0.6	0.4	0.8	1.3	2.4	2.3
	1BA	0.7	0.4	0.4	4.5	4.9	2.0	2.1	2.8	1.9	3.5	1.4	1.5
	1BB	2.4	2.0	1.8	13.0	16.3	7.6	8.2	10.6	6.7	10.5	4.8	4.8
	1BC	1.2	0.9	0.9	3.6	8.3	6.9	5.6	6.5	3.9	5.1	2.9	2.7
	1BD	2.2	2.0	2.0	3.5	7.4	5.3	3.7	5.6	4.2	4.6	3.3	3.0
	1BE	1.6	1.1	1.0	5.4	15.1	13.3	8.7	12.1	7.0	8.8	5.7	4.8
	1BG	2.6	2.3	2.3	7.4	16.1	12.9	8.0	11.0	7.7	9.5	5.7	5.9
	1BH	1.8	1.6	1.5	6.0	10.8	8.8	5.4	7.0	5.3	6.5	3.9	4.3
	1CA	2.1	2.1	1.9	5.1	6.9	3.6	3.6	5.1	3.6	4.9	2.9	2.7
	1CB	1.7	1.9	1.6	6.5	8.0	3.5	4.3	5.9	4.0	5.9	2.8	2.6
	1CC	3.2	3.2	3.1	7.9	9.6	5.3	6.5	8.3	7.0	8.0	4.6	4.4
	1CD	5.7	5.8	5.3	16.9	21.9	11.7	12.1	17.1	12.7	15.8	8.6	8.3
	1CE	1.6	1.5	1.5	3.8	5.2	4.0	3.1	4.2	3.4	3.5	2.4	2.4
	1DA	2.9	2.7	3.0	7.9	9.2	7.5	5.2	7.2	6.4	7.2	4.8	4.4
	1DB	4.7	4.3	4.3	11.7	15.7	12.1	8.5	10.1	8.5	10.5	7.2	7.5
	1DC	2.1	1.9	1.8	3.7	6.0	5.1	3.2	3.6	3.9	4.5	3.5	3.0
	1DD	2.4	2.1	2.1	4.0	7.1	5.3	3.1	3.3	3.8	4.5	4.0	3.8
	1EA	4.8	4.7	4.6	9.9	11.4	10.2	7.3	10.2	10.2	10.3	7.2	6.8
	1EB	4.1	3.9	3.9	7.2	8.4	7.5	5.3	6.8	7.0	7.6	6.0	5.8
	1EC	2.5	2.4	2.4	4.2	4.9	4.3	3.3	3.9	4.2	4.4	3.5	3.5
	1ED	1.0	0.9	0.9	1.6	2.7	1.9	1.3	1.3	1.7	1.9	1.7	1.7
	1EE	0.7	0.5	0.5	1.3	7.6	4.0	1.1	0.9	2.1	2.9	3.5	3.9
	1EF	0.0	0.0	0.0	0.0	12.5	4.1	0.0	0.0	0.3	1.8	3.0	3.5
	1EG	1.3	0.9	0.9	3.5	9.3	5.4	2.4	2.1	4.3	5.6	5.6	6.1
	1FA	0.3	0.3	0.3	2.0	2.6	1.4	1.7	2.5	2.2	2.2	1.1	0.9
	1FB	2.1	2.1	2.2	6.6	9.0	6.0	5.1	8.1	8.5	7.7	3.6	3.6
	1FC	1.4	1.3	1.3	2.9	4.7	3.8	2.6	3.9	4.8	4.3	2.4	1.9
	1FD	1.9	1.8	1.8	6.1	8.8	5.8	4.8	7.6	8.8	7.5	3.9	3.0
	1FE	3.3	2.9	2.8	10.0	13.6	10.2	5.6	7.8	10.9	12.0	6.7	6.1
	1FF	0.2	0.1	0.0	2.3	4.3	2.5	0.7	0.8	1.7	3.0	1.4	1.4
	1FG	0.0	0.0	0.0	3.0	18.5	3.8	0.0	0.0	1.8	5.1	6.1	7.5
LVSCA	1GA	1.0	1.2	1.6	9.8	10.2	4.8	5.6	7.9	8.0	7.4	5.1	4.5
	1GB	0.5	0.5	1.6	13.0	11.2	4.4	2.5	5.6	10.6	9.3	2.2	4.0
	1GC	2.6	4.1	7.7	15.2	15.1	8.1	7.4	15.4	14.6	14.3	9.5	9.3
	1GD	0.0	0.0	1.8	11.1	12.1	2.3	0.0	0.0	3.8	5.6	1.3	5.3
	1GE	0.0	0.0	0.6	9.2	12.6	1.5	0.0	0.0	1.5	5.2	0.4	5.0
	1GF	0.0	0.0	0.0	9.0	9.4	0.1	0.0	0.0	0.0	3.1	0.0	1.2
	1GG	0.5	1.5	3.7	9.2	8.6	3.6	3.5	5.8	6.5	6.5	4.2	5.1
	1HA1	1.1	1.1	1.6	7.8	7.9	2.8	1.3	1.8	3.4	5.3	1.6	2.2
	1HA2	0.0	0.0	0.1	2.4	3.6	0.2	0.0	0.0	0.0	1.2	0.1	0.4
	1HB1	0.4	0.1	0.0	2.1	5.0	2.0	0.5	0.2	0.7	2.3	1.9	2.4
	1HB2	0.5	0.4	0.4	3.3	4.9	1.8	0.4	0.2	0.5	2.1	0.8	1.1
	1HC	0.2	0.0	0.0	0.7	5.7	2.8	0.4	0.1	0.1	0.7	1.3	2.7
	1HD	0.8	1.5	1.9	9.1	14.8	5.9	1.2	1.0	2.4	4.2	1.9	3.3
	1HE	1.1	1.4	1.3	7.3	11.8	4.3	0.6	0.2	1.2	2.9	2.0	4.2
	1HF	0.8	0.2	0.3	3.2	13.2	7.0	0.9	0.0	0.0	0.0	0.1	3.0
	1HG	0.4	0.2	0.2	3.0	5.6	1.4	0.1	0.0	0.0	0.2	1.2	3.6
	1JA	4.1	6.5	11.1	21.3	18.6	9.5	7.0	10.0	12.7	12.9	9.0	9.1
	1JB	0.7	1.3	3.3	5.3	4.8	2.2	1.2	1.5	2.7	2.6	1.6	1.8
	1JC	2.1	3.1	6.9	9.3	8.9	4.6	3.2	4.5	6.5	5.8	3.9	4.3
	1JD	1.9	2.2	3.8	6.6	7.6	3.7	2.3	2.3	3.7	3.5	2.5	2.7
	1JE	2.0	4.7	4.5	11.5	8.8	3.8	1.8	2.4	3.7	5.2	3.7	5.3
	1JF	4.6	7.9	11.2	25.1	24.3	10.7	6.0	7.8	10.9	12.0	8.6	9.6
	1JG1	0.3	0.5	0.8	5.7	7.5	2.8	0.7	0.5	1.8	2.4	1.1	0.9
	1JG2	0.3	0.2	0.0	1.6	2.8	0.9	0.2	0.0	0.2	0.7	0.3	0.2
	1KA	1.6	2.4	2.0	5.4	7.9	3.5	0.7	1.6	1.4	2.5	2.4	4.3
	1KB	11.8	15.1	13.5	42.1	46.6	22.2	5.5	7.8	9.1	14.4	12.8	26.7
	1KC	19.0	24.1	18.3	48.6	36.4	21.0	7.0	4.8	10.1	18.3	12.9	30.8
	1LA1	3.2	8.3	8.3	25.5	19.6	7.3	4.3	5.7	8.7	11.4	8.9	10.6
	1LA2	6.9	14.6	5.9	16.3	17.6	8.7	3.4	2.3	4.7	5.4	4.4	6.8
	1LA3	15.4	26.6	7.7	23.9	31.8	10.3	3.2	1.7	3.6	9.0	6.9	24.8
	1LB1	5.6	15.4	9.2	37.2	34.8	11.8	5.4	5.9	8.6	14.5	13.0	19.2
	1LB2	4.2	22.2	5.3	28.0	38.0	10.3	1.5	0.2	1.3	6.2	3.4	18.7

Monthly Surface Water by Sub-basin

Year 2029 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.6	0.7	0.2	3.4	12.5	10.4	13.8	13.2	4.8	7.0	2.1	2.0
	2BB	2.6	1.1	0.3	5.4	20.1	16.7	22.2	21.2	7.8	11.3	3.4	3.2
	2BC	1.2	0.1	0.0	4.7	17.7	14.0	13.9	15.2	6.9	11.2	4.1	3.9
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	3.9	6.7	1.8	45.1	47.8	12.9	28.7	20.0	9.8	37.7	9.5	9.6
	2CC	3.0	0.5	0.0	18.7	43.6	18.9	19.8	23.0	8.7	27.9	7.6	5.7
	2D	0.5	0.4	0.0	0.4	4.6	0.7	0.4	0.2	0.0	0.3	0.1	0.1
	2EA	0.3	0.2	0.1	0.6	2.3	1.0	1.3	1.2	1.4	1.7	1.5	2.3
	2EB	0.6	0.3	0.1	1.0	3.9	1.7	2.2	2.0	2.4	2.8	2.5	3.7
	2EC	0.3	0.2	0.1	0.7	2.5	1.6	2.2	4.5	3.3	4.7	4.9	4.8
	2ED	0.1	0.1	0.0	0.3	1.5	1.3	2.4	5.8	5.1	5.3	5.4	3.4
	2EE	0.3	0.4	0.1	1.7	6.1	2.4	6.5	7.3	4.6	6.2	4.8	2.7
	2EF	0.1	0.1	0.0	0.2	1.4	1.2	2.2	5.4	4.7	4.8	4.9	3.2
	2EG1	0.2	0.1	0.0	0.6	1.4	0.8	1.4	2.4	1.7	2.4	2.0	1.6
	2EG2	0.7	0.4	0.1	1.8	4.8	2.5	4.6	8.1	5.6	7.9	6.5	5.5
	2EH	0.4	1.2	0.3	3.3	3.6	1.0	2.4	1.1	0.5	1.8	0.6	0.7
	2EJ	0.5	0.3	0.1	0.1	0.7	0.2	0.2	0.1	0.0	0.0	0.0	0.1
	2EK	0.4	0.3	0.1	0.6	2.7	0.8	1.8	0.7	0.3	0.6	0.5	1.0
	2FA	0.2	0.2	0.1	0.4	1.2	0.8	0.7	1.3	1.6	2.2	2.6	2.1
	2FB	0.1	0.0	0.0	0.1	0.3	0.2	0.2	0.3	0.4	0.6	0.7	0.6
	2FC	0.4	0.4	0.2	2.5	5.6	2.4	2.3	3.1	3.6	5.2	5.6	5.6
	2GA	0.2	0.2	0.1	0.6	1.9	0.9	0.6	0.8	2.2	3.4	4.0	3.9
	2GB	1.5	1.4	0.6	4.4	8.2	3.0	2.8	3.6	9.6	10.1	11.3	10.6
	2GC	2.9	2.9	1.2	7.5	11.6	4.6	2.2	2.1	9.4	10.4	12.0	10.8
	2GD	4.1	4.0	1.7	10.5	16.4	6.4	3.1	2.9	13.3	14.6	17.0	15.3
	2H-1	0.0	0.2	0.1	1.5	6.8	2.4	0.5	0.1	0.0	0.0	0.0	0.4
	2H-2	0.0	0.0	0.0	3.0	11.5	1.9	0.6	0.1	0.0	0.0	0.0	0.2
	2H-3	0.0	0.0	0.0	0.2	3.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	8.1	23.0	8.2	41.6	44.9	10.9	2.6	1.0	2.8	6.9	7.2	29.7
	2KB	5.2	2.4	1.0	2.0	9.4	2.3	0.8	0.5	0.7	1.9	2.0	2.8
	2KC	0.0	0.0	0.0	0.0	4.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	3.6	2.6	1.9	7.4	10.1	3.2	1.6	1.3	1.3	1.3	1.7	2.5
	3AB	0.8	0.7	0.3	3.9	6.6	1.3	0.2	0.1	0.1	0.1	0.1	0.5
	3AC	2.8	2.0	0.6	5.5	6.8	1.4	0.2	0.1	0.0	0.0	0.2	1.2
	3BA	2.5	1.7	1.0	4.6	5.3	1.2	0.5	0.3	0.3	0.3	0.8	1.1
	3BB	2.2	1.5	1.0	4.1	4.4	1.1	0.5	0.4	0.4	0.4	1.0	1.2
	3BC	7.8	5.5	3.7	12.0	12.3	4.4	2.8	2.4	2.3	2.6	5.5	6.4
	3BD	3.3	2.1	1.3	5.6	5.2	1.5	1.0	0.8	0.8	0.8	1.9	2.6
	3CB	5.4	3.6	2.8	8.3	7.7	2.9	2.5	2.3	2.2	2.3	3.2	3.9
	3DA	3.8	1.8	0.3	10.4	7.6	0.9	1.1	1.6	1.5	1.5	1.2	4.0
	3DB	5.0	1.5	0.3	10.3	5.2	1.1	0.1	0.0	0.0	0.0	6.4	9.4
	3EA	6.8	2.2	0.6	12.0	6.8	0.9	0.1	0.0	0.0	0.0	0.4	6.5
	3EB	7.4	1.7	1.0	16.0	7.0	0.8	0.0	0.0	0.0	0.0	2.5	11.1
	3EC	8.2	1.5	1.3	15.5	6.9	0.8	0.0	0.0	0.0	0.0	1.8	11.9
	3ED	3.5	0.7	0.1	6.7	3.2	0.3	0.0	0.0	0.0	0.0	0.7	6.5
	3FA	8.6	3.1	1.2	17.9	19.7	4.3	1.2	1.1	1.0	1.1	2.5	13.5
	3FB	18.1	3.1	0.0	0.0	7.6	2.0	0.0	0.0	0.0	0.0	0.0	22.0
	3G	6.6	1.8	0.4	36.0	11.4	2.8	0.1	0.0	0.0	0.0	0.0	16.7
	3HA	1.1	0.0	0.0	0.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	1.9	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.7	0.5	0.3	1.9	4.1	0.9	0.2	0.1	0.1	0.1	0.3	0.4
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.2	0.0	0.0	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2029 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	4.2	3.3	2.0	5.4	9.1	2.2	1.4	1.3	1.2	1.2	6.7	7.7
	4AB	4.4	4.7	2.2	5.7	10.6	3.1	1.9	1.6	1.7	2.9	9.2	8.9
	4AC	3.0	2.9	0.8	4.0	8.5	2.1	0.6	0.2	1.4	2.1	7.2	7.5
	4AD	5.0	5.0	1.8	8.1	12.6	3.7	1.6	1.1	2.6	5.1	13.0	10.1
	4BA	2.6	1.5	0.9	2.3	5.5	1.9	0.9	0.7	0.6	0.7	5.5	4.1
	4BB	6.2	5.1	3.0	9.2	11.0	4.3	2.6	2.3	2.5	7.1	12.3	8.0
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	10.3	8.0	4.6	14.6	18.2	6.8	3.9	3.4	3.8	11.1	20.0	13.3
	4BE	9.7	6.4	3.5	13.9	16.1	5.7	2.5	1.9	2.2	6.3	15.9	10.2
	4BF	2.1	0.4	0.0	5.0	4.8	0.4	0.0	0.0	0.0	0.0	2.4	2.1
	4BG	2.3	0.4	0.0	2.2	6.1	1.0	0.0	0.0	0.0	0.0	0.0	2.4
	4CA	6.7	5.3	2.7	12.9	13.5	4.2	1.6	1.1	2.8	6.4	11.7	8.7
	4CB	4.4	2.8	1.2	8.5	8.4	1.9	0.4	0.1	0.4	1.9	6.6	4.3
	4CC	1.4	0.9	0.4	2.7	2.7	0.6	0.1	0.0	0.1	0.6	2.1	1.4
	4DA	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5
	4DB	9.5	4.7	4.2	16.9	18.7	5.4	3.9	3.6	3.5	4.4	25.1	14.8
	4DC	4.5	2.1	1.8	6.2	7.9	2.4	1.5	1.4	1.4	2.2	11.6	6.2
	4DD	1.5	0.4	0.2	0.5	2.0	0.5	0.1	0.1	0.1	0.0	0.0	2.5
	4DE	2.7	0.5	0.0	0.0	6.3	1.3	0.1	0.0	0.0	0.0	0.0	3.0
	4EA	17.8	8.7	6.1	16.7	15.7	7.7	5.5	5.1	5.1	7.5	52.5	38.1
	4EB	19.9	6.8	5.5	23.0	23.4	6.2	5.0	4.8	4.7	10.6	59.1	29.7
	4EC	5.2	0.3	0.0	3.6	6.5	0.4	0.0	0.0	0.0	0.0	12.9	9.9
	4ED	27.7	1.4	0.0	12.8	28.7	0.7	0.0	0.0	0.0	0.0	36.1	90.4
	4FA	36.6	13.5	10.0	25.3	24.1	11.3	9.1	8.7	8.4	10.1	101.9	108.4
	4FB	16.4	3.9	0.8	0.9	11.6	3.0	0.3	0.0	0.0	0.0	62.1	70.7
	4GA	15.3	5.9	4.0	0.0	7.4	4.8	3.6	3.5	3.3	0.7	29.2	71.7
	4GB	9.6	2.2	0.5	0.0	5.3	1.8	0.3	0.1	0.0	0.0	0.0	40.4
	4GC	5.0	1.0	0.2	0.0	4.7	1.6	0.2	0.0	0.0	0.0	0.0	6.9
	4GD	9.4	2.1	0.7	0.0	7.2	3.2	0.6	0.2	0.0	0.0	0.0	14.7
	4GE	6.3	1.5	0.3	0.0	4.0	2.0	0.3	0.1	0.0	0.0	0.0	11.6
	4GF	18.7	4.7	1.2	0.0	11.7	5.1	1.2	0.5	0.0	0.0	9.3	194.5
	4GG	20.1	5.6	1.2	0.0	10.1	4.9	0.9	0.0	0.0	0.0	0.0	32.5
	4HA	23.0	7.1	2.8	20.3	12.2	3.6	1.4	0.7	0.5	0.5	26.1	76.2
	4HB	7.8	0.7	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	34.1
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7
	4JB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
	4KA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
	4KB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
ENNCA	5AA	1.1	0.6	0.3	3.8	6.2	1.6	2.0	1.8	3.1	3.0	2.9	4.6
	5AB	0.3	0.1	0.1	1.6	2.3	0.3	0.5	0.4	1.1	0.9	1.4	1.6
	5AC	0.2	0.0	0.0	0.4	1.8	0.4	0.2	0.2	0.2	0.2	0.2	0.6
	5AD	0.2	0.1	0.1	0.1	1.0	0.2	0.1	0.0	0.1	0.1	0.1	0.4
	5BA	1.0	0.8	0.3	0.8	3.0	0.5	0.2	0.2	0.2	0.2	0.7	1.8
	5BB	1.6	1.5	0.5	2.2	5.7	0.9	0.6	0.5	0.9	1.3	3.2	3.6
	5BC-1	3.4	2.0	1.0	4.4	13.1	2.1	1.2	1.1	1.5	1.4	3.2	7.7
	5BC-2	0.3	0.2	0.1	0.4	1.3	0.2	0.1	0.1	0.1	0.1	0.3	0.8
	5BD	0.8	0.5	0.4	1.5	3.0	0.9	0.7	0.7	1.2	1.1	1.4	1.8
	5BE	4.8	1.8	0.8	7.3	10.0	1.0	0.3	0.3	0.3	0.4	10.9	11.2
	5CA	0.3	0.2	0.1	3.9	7.0	0.9	0.8	0.9	0.5	0.5	1.8	2.0
	5CB	0.0	0.0	0.0	0.0	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.9
	5CC	0.0	0.0	0.0	2.0	7.2	1.0	0.0	0.0	0.0	0.0	0.2	0.7
	5DA	8.0	2.2	0.8	11.2	4.4	1.1	0.2	0.2	0.0	2.2	38.6	45.2
	5DB	0.6	0.2	0.1	1.0	1.3	0.2	0.0	0.0	0.0	0.0	0.2	2.1
	5DC	0.6	0.3	0.1	0.0	0.9	0.4	0.1	0.1	0.2	0.2	0.0	0.7
	5DD	0.5	0.2	0.0	0.0	0.6	0.4	0.0	0.1	0.1	0.1	0.0	0.9
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.2	107.3
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.3	0.1	0.1	0.0	0.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2030 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	2.0	1.1	3.2	6.8	3.0	1.4	0.7	1.0	1.7	1.3	2.3	0.9
	1AB	4.3	2.1	6.0	12.0	5.8	3.2	2.1	2.9	3.5	2.3	4.1	2.0
	1AC	0.7	0.1	1.2	3.2	1.1	0.6	0.2	0.4	0.7	0.2	0.7	0.2
	1AD	2.3	1.1	4.0	9.0	4.4	2.2	0.8	0.8	2.1	1.7	3.2	1.4
	1AE	0.9	0.6	1.5	4.3	2.3	0.9	0.4	0.3	0.7	0.9	1.5	0.7
	1AF	2.4	1.6	4.1	9.9	4.8	2.5	1.1	1.3	2.3	2.0	3.3	1.7
	1AG	1.8	1.0	3.2	7.7	3.9	2.0	0.7	0.8	1.6	1.3	2.8	1.3
	1AH	1.4	1.4	3.1	8.0	4.1	1.5	0.3	0.3	1.1	1.7	2.6	1.2
	1BA	3.4	1.0	3.1	3.8	1.3	0.9	1.4	1.5	1.1	0.6	2.8	1.4
	1BB	9.6	3.7	9.7	14.3	5.8	3.9	5.4	5.6	4.2	2.6	8.0	4.4
	1BC	5.8	1.9	4.6	11.8	6.9	4.2	3.1	4.1	3.7	2.5	3.8	2.1
	1BD	5.2	2.7	4.9	7.0	5.4	3.8	3.2	3.8	3.8	2.8	3.1	2.7
	1BE	10.3	3.0	7.4	20.3	13.7	8.5	5.1	7.1	6.9	4.4	6.1	3.5
	1BG	11.3	4.4	10.3	20.9	12.9	7.8	5.8	7.9	7.9	5.3	6.4	4.0
	1BH	7.5	3.3	8.1	15.4	9.1	5.5	4.1	5.4	5.5	3.6	4.8	2.9
	1CA	4.7	2.7	4.8	5.8	3.7	3.3	3.7	3.5	3.3	2.3	3.1	2.7
	1CB	5.3	2.7	5.7	7.6	4.3	3.6	4.2	3.9	3.7	2.2	3.1	2.6
	1CC	6.4	4.7	8.1	11.2	6.1	5.0	6.1	6.7	5.5	3.8	4.5	4.4
	1CD	15.4	8.4	16.5	22.8	12.9	10.6	11.8	13.4	11.8	7.2	9.2	7.7
	1CE	4.1	2.2	4.2	6.9	4.0	3.1	2.7	4.0	3.7	2.2	2.6	1.9
	1DA	7.7	3.9	9.1	14.7	7.8	5.7	4.4	8.9	7.1	4.1	5.6	3.6
	1DB	11.0	6.5	13.5	24.2	13.4	8.9	7.1	9.2	9.7	6.7	9.1	6.1
	1DC	4.7	2.4	5.7	10.3	5.4	4.3	2.6	3.8	4.9	2.9	4.3	2.8
	1DD	4.5	2.8	5.9	11.4	6.1	4.5	2.6	3.4	4.7	3.2	5.0	3.3
	1EA	10.0	6.1	12.2	16.3	9.2	8.0	6.4	13.6	9.9	6.3	8.3	5.8
	1EB	7.1	4.9	8.5	11.6	6.9	6.4	4.7	8.7	7.3	5.2	7.5	5.0
	1EC	4.2	2.9	5.1	7.5	4.5	4.0	3.0	5.0	4.5	3.1	4.0	2.9
	1ED	1.7	1.2	2.3	3.9	2.2	1.7	1.1	1.3	1.8	1.4	2.1	1.4
	1EE	2.7	1.1	4.9	10.2	6.3	3.2	0.6	0.4	1.2	1.6	3.7	2.3
	1EF	3.1	0.1	5.1	13.2	7.1	2.5	0.0	0.0	0.2	0.7	3.3	1.4
	1EG	4.6	2.7	8.4	13.2	7.4	4.4	1.6	1.9	2.2	2.3	5.2	3.4
	1FA	1.1	1.1	2.5	4.4	1.6	0.9	1.4	2.2	1.2	0.5	0.8	0.9
	1FB	5.8	4.4	8.1	12.4	5.9	4.6	5.3	8.1	5.8	3.1	4.2	3.3
	1FC	3.1	2.0	4.5	6.7	3.4	2.8	2.7	4.5	3.4	1.9	2.3	1.8
	1FD	4.6	4.1	8.2	13.3	5.8	3.9	4.9	7.3	4.6	2.6	3.2	3.1
	1FE	9.6	5.2	14.6	19.5	9.2	7.6	5.1	11.0	9.8	5.2	7.8	5.1
	1FF	2.5	0.9	5.2	5.9	2.1	1.3	0.3	1.2	1.6	0.6	1.6	0.7
	1FG	5.8	3.1	12.6	18.9	8.6	2.6	0.0	0.0	0.0	1.1	4.0	2.3
LVSCA	1GA	7.0	4.9	10.2	18.3	5.3	3.3	3.5	7.0	4.6	1.8	2.7	3.6
	1GB	6.4	5.2	10.9	23.7	7.5	2.9	3.4	4.7	3.3	1.0	1.4	1.9
	1GC	14.7	8.1	17.6	23.9	9.4	7.2	5.3	6.3	10.9	6.3	7.8	7.2
	1GD	9.4	3.6	9.3	24.5	4.5	1.0	0.4	0.4	1.1	0.0	0.4	0.5
	1GE	6.7	3.9	10.7	25.2	4.4	1.4	1.5	0.6	0.3	0.2	1.6	0.6
	1GF	3.8	0.6	9.1	14.6	2.5	0.5	0.4	0.0	0.0	0.0	0.6	0.0
	1GG	7.9	4.5	8.3	13.6	4.1	2.4	1.9	3.2	4.6	2.0	2.8	3.1
	1HA1	4.0	3.1	9.5	9.9	2.6	1.9	1.7	2.9	2.1	1.2	2.1	1.5
	1HA2	1.6	0.9	4.0	7.8	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.1
	1HB1	3.0	1.1	5.9	5.9	2.9	1.5	0.3	0.2	0.2	0.2	1.0	0.9
	1HB2	2.0	1.2	5.3	4.9	1.4	0.7	0.3	0.4	0.6	0.4	0.7	0.6
	1HC	3.9	0.9	6.4	8.3	4.7	2.0	0.2	0.0	0.0	0.0	0.0	0.1
	1HD	8.4	3.8	20.4	32.0	15.6	8.3	2.8	2.4	1.8	1.1	3.4	3.0
	1HE	7.9	2.3	18.6	27.4	14.5	7.2	1.2	0.5	0.5	0.3	2.0	2.2
	1HF	6.6	1.4	15.5	42.0	21.4	9.6	1.3	0.0	0.0	0.0	0.0	0.0
	1HG	2.7	0.7	8.0	15.0	7.9	2.1	0.1	0.0	0.0	0.0	0.2	0.4
	1JA	14.2	8.1	21.3	26.6	15.6	10.0	7.0	8.5	10.4	7.7	10.2	7.9
	1JB	3.1	1.9	5.2	6.9	4.3	2.5	1.6	2.2	2.3	1.6	2.3	1.7
	1JC	6.7	4.8	9.1	11.4	6.5	4.8	3.6	4.5	5.5	3.9	4.8	3.9
	1JD	4.2	3.1	7.4	11.7	7.7	5.0	3.2	3.5	3.3	2.7	3.4	2.9
	1JE	6.9	3.4	13.8	17.2	10.7	5.1	2.6	2.7	2.7	2.2	4.4	3.8
	1JF	15.6	8.6	32.6	48.2	29.4	15.9	8.3	8.9	9.6	7.4	11.1	9.8
	1JG1	3.9	1.1	8.9	13.8	7.3	4.4	1.9	1.9	1.6	1.0	2.1	1.7
	1JG2	1.6	0.1	3.0	4.2	1.5	1.2	0.3	0.2	0.3	0.2	0.4	0.4
	1KA	5.7	2.6	14.0	22.8	13.8	6.2	1.2	0.8	0.9	1.0	2.0	1.9
	1KB	31.2	13.3	95.7	150.8	99.7	39.5	7.9	5.6	4.9	4.9	11.6	10.3
	1KC	31.9	17.2	93.5	118.3	82.1	31.8	8.0	4.7	3.5	3.5	10.4	9.2
	1LA1	13.4	5.5	23.3	40.8	22.1	8.9	4.5	6.1	6.7	4.7	8.8	5.2
	1LA2	15.6	6.2	27.7	51.3	31.0	14.5	4.6	2.9	2.8	2.1	4.9	4.5
	1LA3	41.6	8.6	60.0	118.2	40.0	13.7	4.5	2.3	1.6	1.3	5.7	5.3
	1LB1	25.2	8.2	44.7	92.6	47.7	15.9	6.3	6.3	6.7	5.0	11.6	7.0
	1LB2	37.1	7.9	64.2	122.6	49.0	14.0	2.6	0.6	0.1	0.0	2.7	2.5

Monthly Surface Water by Sub-basin

Year 2030 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	8.7	2.7	7.9	26.8	9.6	5.1	7.7	7.7	3.7	1.6	5.9	1.6
	2BB	13.9	4.3	12.7	43.1	15.4	8.3	12.4	12.4	5.9	2.6	9.5	2.6
	2BC	13.6	3.2	9.7	36.2	19.0	10.1	12.1	13.1	8.3	4.3	8.2	2.8
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	54.4	10.5	33.8	69.5	20.4	9.2	22.4	12.6	6.0	2.0	15.7	9.5
	2CC	40.0	5.8	26.5	52.6	15.2	6.7	10.3	9.0	3.9	1.3	15.6	5.3
	2D	7.5	0.7	3.5	59.9	8.9	2.6	0.7	0.1	0.0	0.0	0.0	0.2
	2EA	4.7	0.7	2.3	5.9	2.4	1.2	0.7	0.9	0.5	0.3	0.5	0.5
	2EB	7.8	1.1	3.8	9.8	3.9	2.0	1.2	1.4	0.9	0.4	0.8	0.8
	2EC	7.1	1.5	6.2	12.0	7.8	3.5	1.2	0.8	0.8	0.2	0.4	0.3
	2ED	6.4	1.3	5.0	10.7	4.5	2.1	1.1	1.2	1.8	0.5	0.6	0.6
	2EE	13.8	1.6	7.2	19.6	4.4	2.3	1.6	3.1	2.9	0.4	0.9	1.6
	2EF	5.9	1.2	4.6	9.8	4.1	2.0	1.1	1.1	1.7	0.4	0.5	0.5
	2EG1	4.1	0.7	3.2	6.2	2.8	1.3	0.5	0.4	0.6	0.1	0.2	0.2
	2EG2	13.7	2.5	10.6	20.8	9.3	4.2	1.8	1.4	1.9	0.5	0.8	0.7
	2EH	8.4	0.9	2.3	9.0	2.3	1.1	2.0	1.2	0.7	0.3	1.9	1.1
	2EJ	0.7	0.2	0.5	4.6	1.6	0.8	0.4	0.3	0.1	0.0	0.0	0.1
	2EK	4.8	0.7	1.4	7.1	2.0	0.8	0.3	0.4	0.2	0.0	0.1	0.4
	2FA	3.3	0.6	2.9	6.1	3.1	1.1	0.6	0.7	0.5	0.2	0.9	0.6
	2FB	0.9	0.2	0.7	1.6	0.8	0.3	0.2	0.2	0.1	0.1	0.2	0.2
	2FC	8.4	1.5	10.3	15.5	7.5	2.5	1.2	1.6	1.1	0.6	1.5	1.0
	2GA	6.5	1.1	5.9	9.8	5.1	1.8	1.1	1.3	0.9	0.5	1.5	0.7
	2GB	16.0	2.3	17.5	27.6	12.0	4.2	3.8	4.7	2.7	2.3	6.4	2.8
	2GC	12.8	2.3	18.2	21.8	14.2	4.5	3.6	3.4	2.4	2.9	7.8	3.6
	2GD	18.0	3.3	25.7	30.8	20.0	6.4	5.1	4.8	3.4	4.1	11.0	5.1
	2H-1	4.7	0.8	5.3	21.0	8.1	2.6	0.7	0.2	0.0	0.0	1.2	1.3
	2H-2	4.6	0.4	5.9	31.6	8.7	2.7	1.0	0.2	0.0	0.0	1.1	2.4
	2H-3	0.8	0.1	0.8	10.4	4.0	0.8	0.1	0.0	0.0	0.0	0.0	0.5
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	49.4	7.3	61.4	97.3	40.3	10.8	3.1	1.7	1.3	1.4	6.4	3.3
	2KB	10.1	0.8	7.6	26.3	7.4	1.8	1.1	0.7	0.6	0.3	2.6	1.2
	2KC	2.8	0.0	0.0	22.3	6.4	2.7	0.2	0.0	0.0	0.0	0.0	0.0
ACA	3AA	7.8	1.8	5.8	12.6	6.5	2.5	1.5	1.3	1.3	1.7	5.9	5.1
	3AB	4.8	0.6	2.9	13.5	4.7	0.9	0.2	0.1	0.1	0.1	3.0	4.3
	3AC	3.5	0.6	4.4	9.6	3.5	0.9	0.2	0.0	0.0	0.1	3.3	5.5
	3BA	3.1	0.7	4.2	5.7	2.8	1.0	0.4	0.3	0.3	0.8	2.2	3.1
	3BB	2.9	0.6	3.8	4.6	2.5	0.9	0.5	0.3	0.3	0.9	2.2	2.2
	3BC	8.6	3.1	12.8	13.3	9.6	4.5	2.9	2.4	2.3	2.5	7.0	6.7
	3BD	3.5	1.1	5.9	6.0	3.7	1.5	1.0	0.8	0.8	0.8	3.3	2.8
	3CB	5.6	2.5	8.4	9.4	5.7	3.3	2.6	2.3	2.3	2.4	4.3	5.4
	3DA	2.9	0.3	4.5	10.8	2.7	0.6	1.4	1.6	1.5	1.2	4.8	8.8
	3DB	4.0	0.8	3.6	16.4	4.0	1.0	0.1	0.0	0.0	0.0	5.8	8.8
	3EA	4.6	0.8	5.5	18.8	4.5	0.8	0.1	0.0	0.0	0.0	8.1	9.0
	3EB	6.8	1.0	6.7	23.1	6.3	0.7	0.0	0.0	0.0	0.0	5.7	8.8
	3EC	7.8	0.9	6.7	24.4	7.0	0.7	0.0	0.0	0.0	0.0	4.4	6.9
	3ED	3.3	0.5	1.7	11.2	3.1	0.3	0.0	0.0	0.0	0.0	0.2	4.2
	3FA	11.0	2.9	5.6	68.2	17.1	3.6	1.2	1.1	1.1	0.7	0.2	9.3
	3FB	3.4	0.7	0.0	20.7	4.2	1.4	0.0	0.0	0.0	0.0	0.0	25.5
	3G	7.7	1.4	10.0	40.3	9.6	2.0	0.1	0.0	0.0	0.0	0.0	9.3
	3HA	0.0	0.0	0.0	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	3HB	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	2.4	0.3	1.8	4.5	2.0	0.5	0.2	0.1	0.1	0.4	1.6	1.7
	3LA	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.4	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2030 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	5.7	1.9	7.8	14.6	7.6	2.4	1.4	1.3	1.2	1.2	4.3	6.2
	4AB	9.7	2.4	11.8	16.2	10.5	3.7	2.0	1.6	1.4	1.4	5.0	6.0
	4AC	7.6	0.8	9.7	12.8	8.9	2.4	0.8	0.4	0.2	0.5	3.4	3.5
	4AD	9.9	1.7	15.4	17.5	12.7	3.8	1.9	1.4	1.1	1.6	7.5	5.4
	4BA	4.1	1.0	5.6	9.5	7.6	2.1	0.9	0.7	0.7	0.7	2.4	3.3
	4BB	7.6	2.7	14.0	14.1	12.5	4.1	2.8	2.6	2.5	3.3	8.6	5.8
	4BC	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	12.7	4.2	23.1	24.5	21.2	6.7	4.4	3.9	3.7	5.1	14.0	9.8
	4BE	11.6	2.8	20.2	25.5	20.6	6.2	2.9	2.4	2.2	3.2	11.4	8.8
	4BF	3.3	0.0	7.0	13.8	6.8	0.8	0.0	0.0	0.0	0.0	3.4	3.5
	4BG	4.5	0.0	4.3	12.7	3.5	1.2	0.0	0.0	0.0	0.0	0.7	4.1
	4CA	9.3	2.0	19.5	21.1	18.3	5.2	2.8	2.0	1.6	3.0	9.4	5.7
	4CB	5.2	0.6	12.1	14.5	12.3	2.8	0.9	0.4	0.2	1.1	5.5	3.7
	4CC	1.7	0.2	3.9	4.7	4.0	0.9	0.3	0.1	0.1	0.3	1.8	1.2
	4DA	3.7	0.0	3.1	17.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	4DB	14.2	4.6	18.7	47.6	23.4	6.4	4.2	3.9	3.8	4.8	22.8	19.6
	4DC	5.7	1.9	6.8	19.4	10.3	3.0	1.7	1.5	1.5	2.5	11.4	8.4
	4DD	2.7	0.4	0.5	9.3	2.9	0.7	0.2	0.1	0.1	0.0	0.4	2.4
	4DE	5.3	0.4	1.2	13.6	3.4	1.5	0.1	0.0	0.0	0.0	0.0	3.8
	4EA	18.9	7.5	24.5	57.7	22.9	9.0	6.3	5.8	5.7	12.0	37.0	29.1
	4EB	21.1	6.0	29.7	74.6	35.7	8.5	5.7	5.4	5.3	16.9	46.0	33.8
	4EC	6.3	0.1	4.2	35.2	11.8	1.1	0.0	0.0	0.0	0.2	12.4	12.3
	4ED	48.9	3.1	22.9	209.3	40.2	3.4	0.0	0.0	0.0	0.0	18.3	77.7
	4FA	33.7	12.4	40.9	111.8	41.7	13.5	10.3	9.7	9.5	17.0	63.8	58.7
	4FB	13.7	2.8	8.8	56.8	17.8	4.6	0.7	0.0	0.0	0.0	31.1	29.5
	4GA	13.4	6.0	6.5	33.5	16.1	6.6	4.0	3.6	3.6	1.4	10.4	26.0
	4GB	9.0	2.1	0.0	11.1	9.0	3.2	0.5	0.2	0.1	0.0	0.8	4.5
	4GC	2.6	0.6	0.0	0.0	4.6	2.4	0.3	0.0	0.0	0.0	0.6	0.4
	4GD	4.9	1.6	0.0	3.3	8.8	4.8	0.7	0.2	0.2	0.0	1.7	1.3
	4GE	3.3	1.1	0.0	0.0	5.9	3.2	0.4	0.1	0.0	0.0	0.6	0.6
	4GF	10.4	3.3	0.0	80.1	18.7	9.6	1.3	0.5	0.3	0.0	4.1	69.1
	4GG	4.6	3.8	0.0	0.0	15.4	9.6	1.2	0.0	0.0	0.0	0.0	0.6
	4HA	12.8	4.4	12.2	57.4	13.7	4.6	1.8	0.9	0.6	0.6	13.2	44.7
	4HB	11.7	4.9	0.0	3.5	1.2	0.4	0.2	0.2	0.2	0.1	0.0	6.8
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1
	4JB	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
	4KA	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
	4KB	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
ENNCA	5AA	6.3	1.0	4.4	11.7	3.5	2.0	1.5	2.4	1.4	1.1	2.2	1.5
	5AB	2.1	0.2	1.5	4.9	1.0	0.4	0.5	1.1	0.5	0.5	1.1	0.7
	5AC	1.0	0.1	0.4	7.8	1.1	0.3	0.2	0.3	0.2	0.1	0.4	0.7
	5AD	0.3	0.1	0.2	2.4	0.6	0.2	0.1	0.2	0.2	0.1	0.3	0.5
	5BA	1.7	0.3	1.5	3.6	1.6	0.5	0.2	0.2	0.2	0.2	0.8	1.9
	5BB	4.2	0.5	3.8	7.8	3.2	0.9	0.4	0.5	0.4	0.6	4.0	3.4
	5BC-1	6.0	1.2	4.5	18.3	5.9	1.9	1.1	1.4	1.1	1.0	7.1	9.4
	5BC-2	0.6	0.1	0.4	1.8	0.6	0.2	0.1	0.1	0.1	0.1	0.7	0.9
	5BD	2.2	0.6	1.6	5.2	1.8	0.8	0.7	1.1	0.8	0.7	1.6	1.5
	5BE	5.5	0.8	8.8	17.2	5.0	0.9	0.3	0.2	0.2	2.3	14.7	15.0
	5CA	0.5	0.3	7.1	52.9	3.3	0.8	2.3	2.9	1.5	0.7	1.1	2.1
	5CB	0.2	0.0	0.2	63.2	4.8	1.0	0.6	0.7	0.4	0.0	0.5	1.4
	5CC	0.4	0.1	1.5	67.5	5.7	1.1	0.4	0.4	0.3	0.2	0.7	2.6
	5DA	10.7	2.3	26.4	52.8	11.3	2.1	0.8	0.5	0.3	10.6	31.6	32.7
	5DB	1.0	0.3	2.9	17.5	2.2	0.5	0.3	0.2	0.1	0.0	2.1	6.9
	5DC	0.6	0.2	0.5	8.3	1.3	0.6	1.4	0.7	0.3	0.1	0.4	0.7
	5DD	0.5	0.1	1.1	22.2	3.2	0.6	0.4	0.4	0.2	0.0	0.3	1.4
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	13.7	0.0	1.2	55.8	20.5	0.0	0.0	0.0	0.0	0.0	27.5	43.9
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	13.7	14.7	5.5	1.8	0.8	0.4	0.2	0.1	0.0

Monthly Surface Water by Sub-basin

Year 2031 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.6	0.4	0.4	1.8	4.1	1.9	1.3	1.2	1.0	2.5	1.3	0.6
	1AB	1.5	1.1	1.1	3.4	6.1	3.9	3.6	3.7	3.2	5.7	2.9	1.5
	1AC	0.1	0.0	0.0	0.2	1.3	0.7	0.4	0.3	0.2	0.7	0.4	0.0
	1AD	0.7	0.5	0.5	1.8	6.4	2.5	1.6	1.0	0.6	1.1	1.7	0.7
	1AE	0.4	0.3	0.3	0.9	3.4	1.5	0.8	0.4	0.3	0.5	0.8	0.5
	1AF	1.1	0.8	0.8	2.3	6.0	2.8	1.7	1.1	0.9	1.5	1.7	1.0
	1AG	0.7	0.4	0.4	1.9	5.0	2.1	1.1	0.6	0.5	0.9	1.2	0.6
	1AH	0.4	0.2	0.3	2.5	5.7	2.2	0.9	0.4	0.2	0.6	0.9	0.5
	1BA	0.9	0.8	0.7	1.1	0.6	2.7	3.8	5.8	2.7	1.3	1.3	1.0
	1BB	2.9	2.4	2.2	3.5	2.7	9.2	14.4	19.5	9.5	6.6	5.0	3.4
	1BC	1.3	1.1	0.9	1.9	2.4	5.9	9.6	11.3	6.4	6.9	4.8	2.0
	1BD	2.3	2.1	2.0	2.9	3.0	4.1	5.0	6.6	6.0	5.4	4.0	2.9
	1BE	2.0	1.4	1.1	3.2	4.3	10.3	16.1	19.2	12.4	14.0	9.7	3.5
	1BG	3.0	2.5	2.3	6.3	8.8	10.6	12.5	15.5	11.2	16.1	8.4	4.4
	1BH	2.1	1.8	1.6	5.0	6.8	6.9	7.2	8.9	7.4	10.6	5.5	2.8
	1CA	2.4	2.3	2.1	3.4	2.6	4.2	6.1	5.9	4.8	3.2	2.7	2.6
	1CB	2.3	2.1	1.9	4.5	2.8	5.6	7.8	6.4	5.3	3.2	2.6	2.5
	1CC	3.9	3.6	3.5	7.1	5.5	9.0	10.0	7.6	6.9	4.8	4.3	3.9
	1CD	6.7	6.2	5.8	11.6	10.6	14.7	20.2	17.9	14.5	12.9	8.5	7.5
	1CE	1.6	1.6	1.5	3.0	3.9	3.4	3.7	4.3	3.7	6.0	2.8	2.0
	1DA	3.0	2.9	2.9	5.8	10.0	5.8	6.2	6.9	6.1	9.8	5.0	3.3
	1DB	5.2	4.6	4.4	9.3	12.3	10.2	10.1	11.1	9.6	13.9	8.2	5.3
	1DC	2.3	2.0	1.9	3.3	6.1	4.3	3.2	3.3	3.4	4.3	3.8	2.3
	1DD	2.6	2.3	2.2	4.0	7.2	4.7	3.1	2.8	2.9	3.4	3.6	2.4
	1EA	5.2	5.0	5.0	9.8	15.2	9.4	9.1	9.3	8.0	11.9	7.9	5.5
	1EB	4.4	4.2	4.2	7.7	12.1	7.1	5.5	5.9	6.0	8.0	6.5	4.6
	1EC	2.6	2.5	2.5	3.9	6.4	3.9	3.6	3.9	3.5	4.5	3.6	2.6
	1ED	1.1	0.9	0.9	2.0	3.0	1.8	1.3	1.2	1.1	1.3	1.5	1.0
	1EE	0.8	0.6	0.5	4.6	6.0	3.5	1.3	0.5	0.9	0.5	1.3	0.7
	1EF	0.0	0.0	0.0	4.2	7.0	3.1	0.1	0.0	0.3	0.0	0.7	0.2
	1EG	1.7	1.1	1.1	8.4	9.6	5.7	2.7	1.7	1.4	1.7	2.9	1.6
	1FA	0.6	0.4	0.5	1.9	1.7	3.0	3.0	2.0	1.8	1.3	0.9	0.5
	1FB	2.7	2.3	2.7	6.5	7.8	8.4	7.8	5.5	5.3	6.1	4.4	2.7
	1FC	1.6	1.5	1.5	3.7	4.5	4.5	3.9	2.7	2.5	3.4	2.8	1.7
	1FD	2.6	2.2	2.4	6.7	7.0	9.0	7.5	4.0	3.9	5.0	3.9	2.2
	1FE	4.2	3.7	3.4	12.0	17.7	11.9	7.5	6.1	6.4	11.0	8.9	4.3
	1FF	0.4	0.2	0.1	3.4	5.6	3.8	1.1	0.4	0.4	1.7	2.1	0.4
	1FG	0.0	0.0	0.0	13.6	10.7	5.1	1.0	0.0	0.0	0.0	2.0	0.3
LVSCA	1GA	3.1	2.1	2.1	9.2	7.4	9.6	8.8	5.3	5.1	5.5	3.5	1.4
	1GB	2.3	1.0	2.3	9.4	8.4	9.9	6.4	1.3	1.3	6.2	2.7	0.8
	1GC	9.1	5.4	4.2	15.9	14.4	15.3	13.3	12.2	11.4	10.3	9.2	3.7
	1GD	2.7	0.0	0.0	7.3	6.7	5.9	3.5	0.0	0.0	1.3	0.8	0.0
	1GE	2.2	0.1	0.0	3.3	6.7	8.1	0.9	0.0	0.0	0.6	0.9	0.0
	1GF	0.7	0.0	0.0	2.0	5.3	5.6	0.0	0.0	0.0	0.5	1.0	0.0
	1GG	4.6	1.9	2.1	9.8	7.4	7.5	6.3	4.1	4.1	4.7	3.3	0.8
	1HA1	1.7	1.1	1.0	5.5	8.2	6.1	1.9	0.9	0.9	4.0	2.9	1.0
	1HA2	0.1	0.0	0.0	0.4	1.7	1.5	0.1	0.0	0.0	0.1	0.1	0.0
	1HB1	0.6	0.2	0.1	4.6	3.8	2.9	1.1	0.2	0.0	0.1	1.2	0.7
	1HB2	0.6	0.3	0.2	2.8	3.7	3.3	0.7	0.2	0.1	1.0	1.6	0.4
	1HC	0.1	0.0	0.0	1.6	3.1	2.0	0.8	0.1	0.0	0.0	0.0	0.0
	1HD	2.2	1.3	0.4	5.8	6.6	11.7	3.6	0.6	1.2	4.9	4.5	1.6
	1HE	1.3	0.5	0.3	4.3	6.6	6.5	2.5	0.1	0.0	2.4	4.9	1.9
	1HF	0.0	0.0	0.0	0.3	2.3	3.4	1.0	0.0	0.0	0.0	0.0	0.1
	1HG	0.4	0.2	0.2	2.9	4.0	1.9	0.4	0.0	0.0	0.4	1.7	0.7
	1JA	9.3	7.1	4.7	15.6	15.1	19.9	10.8	9.8	12.3	11.9	10.7	5.3
	1JB	2.2	1.5	0.8	3.6	3.9	5.8	2.3	2.2	2.7	3.2	2.6	1.0
	1JC	5.1	3.5	2.6	7.7	8.2	8.9	4.9	5.0	5.6	6.2	5.4	2.6
	1JD	3.4	2.5	2.0	4.4	5.1	9.3	4.0	3.3	4.0	4.9	4.8	2.3
	1JE	3.2	2.7	2.8	7.9	4.8	9.9	3.6	1.9	3.7	4.4	3.6	2.0
	1JF	9.1	7.6	5.1	16.3	14.8	28.8	11.9	8.5	14.0	13.2	11.7	5.8
	1JG1	1.7	1.3	0.2	2.9	3.8	7.6	2.5	0.7	2.0	2.7	3.1	0.8
	1JG2	0.2	0.5	0.1	0.7	1.3	1.7	0.7	0.0	0.5	0.4	1.0	0.3
	1KA	1.0	1.0	1.6	3.9	4.2	5.0	1.5	0.4	0.8	3.0	3.4	1.5
	1KB	7.7	8.0	10.7	30.7	28.0	34.0	10.9	3.6	5.3	13.3	18.2	8.6
	1KC	13.7	13.9	17.8	33.6	21.6	37.0	13.5	4.4	2.6	3.8	10.2	6.2
	1LA1	5.6	4.8	3.4	12.4	10.4	19.8	8.6	6.4	9.1	7.6	7.2	3.1
	1LA2	8.4	8.8	9.3	11.2	8.6	16.1	8.9	2.5	2.9	2.8	3.2	2.6
	1LA3	5.6	5.8	6.1	23.6	32.5	31.2	10.8	2.7	1.5	1.5	2.5	2.3
	1LB1	7.8	6.6	5.4	16.2	14.1	30.7	12.3	6.6	9.1	7.6	7.8	3.8
	1LB2	5.1	5.6	5.6	18.3	19.3	33.2	10.1	0.9	0.0	0.1	0.5	0.2

Monthly Surface Water by Sub-basin

Year 2031 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.6	0.2	0.0	0.0	0.3	6.6	19.6	29.9	11.5	10.8	6.2	1.7
	2BB	1.0	0.3	0.0	0.0	0.4	10.7	31.6	48.1	18.5	17.3	9.9	2.7
	2BC	1.0	0.2	0.0	0.4	3.1	13.6	23.9	30.8	16.3	22.8	10.7	3.3
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	6.8	3.1	1.8	11.3	5.2	29.9	43.1	46.2	30.6	5.4	5.3	4.3
	2CC	1.4	1.4	0.0	0.0	0.0	4.8	22.4	52.6	28.8	7.2	5.0	3.0
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.2	0.1	0.0	0.2	0.2	0.4	1.1	2.3	2.2	0.6	0.3	0.2
	2EB	0.3	0.1	0.0	0.3	0.3	0.6	1.8	3.8	3.6	1.0	0.5	0.3
	2EC	0.2	0.1	0.0	0.2	0.3	0.4	1.4	2.1	2.5	1.0	0.6	0.2
	2ED	0.3	0.1	0.0	0.2	0.4	0.6	2.7	4.3	6.3	1.9	1.8	0.7
	2EE	0.7	0.3	0.0	1.0	1.5	3.7	8.3	8.6	8.6	2.0	2.0	0.8
	2EF	0.3	0.1	0.0	0.2	0.4	0.6	2.5	3.9	5.8	1.7	1.7	0.7
	2EG1	0.1	0.0	0.0	0.2	0.2	0.3	1.2	1.3	1.5	0.4	0.3	0.1
	2EG2	0.3	0.1	0.0	0.6	0.7	0.9	4.0	4.4	5.0	1.4	0.9	0.2
	2EH	0.5	0.3	0.1	0.2	0.1	1.2	1.9	3.2	2.5	0.5	0.2	0.1
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.8	0.1	0.1	0.1
	2FA	0.2	0.1	0.0	0.3	0.4	1.0	1.3	0.9	1.0	0.7	0.5	0.2
	2FB	0.1	0.0	0.0	0.1	0.1	0.2	0.3	0.2	0.3	0.2	0.1	0.1
	2FC	0.4	0.3	0.1	1.4	1.5	4.5	3.3	2.3	2.6	1.4	0.8	0.4
	2GA	0.2	0.1	0.0	1.1	1.1	2.9	1.9	0.8	0.9	0.5	0.4	0.2
	2GB	1.1	0.4	0.2	3.9	3.3	9.5	5.4	3.3	3.3	2.6	2.4	1.2
	2GC	1.4	0.4	0.5	4.7	9.0	10.9	3.7	1.2	1.3	2.9	3.7	1.4
	2GD	1.9	0.5	0.7	6.7	12.7	15.4	5.3	1.6	1.8	4.1	5.2	2.0
	2H-1	0.3	0.1	0.0	0.0	4.0	3.5	0.8	0.1	0.0	0.0	0.0	0.0
	2H-2	0.6	0.1	0.0	0.0	3.3	1.6	0.3	0.0	0.0	0.0	0.0	0.0
	2H-3	0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	2.1	1.6	0.6	11.0	22.3	29.4	10.2	2.8	2.4	1.9	2.5	1.0
	2KB	0.5	0.6	0.2	2.2	8.7	4.2	1.5	1.1	1.0	0.7	1.0	0.7
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.5	1.6	1.4	2.1	6.4	3.9	1.6	1.3	1.3	1.3	1.5	2.5
	3AB	1.4	0.3	0.1	0.4	1.0	0.9	0.2	0.1	0.1	0.1	0.1	0.5
	3AC	1.7	0.5	0.0	0.3	1.6	1.3	0.2	0.1	0.0	0.0	0.1	0.3
	3BA	1.1	0.6	0.3	0.7	2.7	1.7	0.5	0.3	0.3	0.3	0.6	0.7
	3BB	0.9	0.5	0.4	0.9	2.9	1.5	0.5	0.4	0.4	0.4	0.7	0.9
	3BC	3.6	2.6	2.3	2.9	10.4	6.0	2.9	2.4	2.3	2.2	2.4	2.9
	3BD	1.3	0.9	0.8	1.0	4.8	2.1	1.0	0.8	0.8	0.8	0.8	1.0
	3CB	2.7	2.4	2.3	2.6	5.7	3.9	2.6	2.3	2.3	2.3	2.4	2.5
	3DA	1.7	0.6	1.1	0.4	0.6	1.1	1.4	1.5	1.6	1.5	1.3	1.2
	3DB	1.8	0.5	0.0	0.1	0.0	0.7	0.1	0.0	0.0	0.0	0.0	5.3
	3EA	2.3	0.8	0.1	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	2.3
	3EB	1.9	0.6	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	7.5
	3EC	1.6	0.3	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	10.3
	3ED	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
	3FA	4.3	1.8	1.0	1.1	0.4	1.9	1.2	1.1	1.1	1.1	0.9	7.3
	3FB	6.0	1.6	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.2
	3G	3.6	1.9	0.1	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.7	0.2	0.2	0.4	1.6	1.0	0.5	1.3	0.1	0.1	0.2	0.4
	3LA	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.2	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	4.4	0.6	1.4	0.3	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2031 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	3.6	1.5	1.3	1.4	15.4	4.0	1.5	1.3	1.2	1.2	1.8	3.0
	4AB	2.9	1.6	1.3	2.3	16.5	5.7	2.3	1.7	1.4	1.3	1.4	2.2
	4AC	1.1	0.0	0.0	1.2	12.8	4.2	0.9	0.2	0.0	0.3	0.7	0.6
	4AD	2.1	0.8	0.8	2.9	18.5	6.2	2.0	1.1	0.8	1.3	1.9	2.1
	4BA	1.6	0.8	0.7	0.7	7.2	2.3	0.9	0.7	0.7	0.6	0.6	0.8
	4BB	3.0	2.4	2.4	3.8	14.2	5.2	2.8	2.5	2.3	2.3	3.7	3.6
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	4.8	3.6	3.5	5.8	23.0	8.4	4.3	3.7	3.5	3.4	5.6	5.6
	4BE	4.0	2.2	1.9	3.4	17.3	6.9	2.9	2.1	1.9	1.9	3.5	3.8
	4BF	0.6	0.0	0.0	0.1	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4BG	1.2	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
	4CA	2.3	1.2	1.2	3.4	13.7	6.5	2.3	1.3	1.0	1.6	2.6	2.3
	4CB	1.0	0.2	0.2	1.0	8.2	2.8	0.6	0.2	0.0	0.3	0.7	0.7
	4CC	0.3	0.1	0.1	0.3	2.6	0.9	0.2	0.0	0.0	0.1	0.2	0.2
	4DA	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	10.3	4.5	4.0	4.4	22.7	6.4	4.1	3.9	3.8	3.8	7.0	6.9
	4DC	4.7	1.9	1.6	1.8	9.6	2.9	1.6	1.5	1.5	1.5	4.6	3.7
	4DD	1.0	0.3	0.1	0.0	0.1	0.3	0.1	0.1	0.1	0.1	0.0	0.2
	4DE	1.5	0.3	0.0	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0
	4EA	13.3	7.3	6.1	10.0	35.4	10.2	6.4	5.9	5.7	7.8	17.1	19.2
	4EB	15.2	6.2	5.6	9.0	40.7	9.3	5.7	5.4	5.3	12.0	22.3	20.7
	4EC	3.6	0.1	0.0	0.0	5.4	0.8	0.0	0.0	0.0	0.0	1.6	2.5
	4ED	17.3	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	4FA	22.9	11.7	10.6	24.4	62.8	19.9	10.7	9.9	9.7	10.9	24.3	33.1
	4FB	8.2	1.9	0.2	7.2	23.7	7.3	1.0	0.1	0.0	0.0	2.4	10.7
	4GA	9.6	4.7	4.2	7.7	11.5	7.7	4.0	3.6	3.5	3.0	2.9	4.7
	4GB	3.0	1.1	0.0	0.0	0.0	4.6	0.5	0.1	0.1	0.0	0.0	0.7
	4GC	1.4	0.7	0.0	0.0	0.0	4.0	0.3	0.0	0.0	0.0	0.0	0.6
	4GD	2.8	1.4	0.0	0.0	0.0	8.0	0.9	0.2	0.1	0.0	0.0	1.4
	4GE	1.9	0.7	0.0	0.0	0.0	5.6	0.6	0.0	0.0	0.0	0.0	0.5
	4GF	11.7	2.9	0.5	0.0	0.0	15.8	1.9	0.4	0.3	0.0	0.0	0.8
	4GG	6.6	2.1	0.3	0.0	0.0	16.3	1.9	0.0	0.0	0.0	0.0	0.0
	4HA	10.1	3.8	1.5	1.4	1.0	0.6	0.5	0.5	0.4	0.4	0.8	11.5
	4HB	3.7	0.8	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	5.7	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0	6.2
	4JB	0.0	2.2	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	2.4
	4KA	0.0	3.6	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9
	4KB	0.0	6.0	0.0	0.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	6.6
ENNCA	5AA	0.5	0.3	0.3	2.2	0.9	1.9	2.9	4.3	3.5	1.0	0.6	0.6
	5AB	0.2	0.1	0.1	1.0	0.3	0.8	1.0	1.3	0.8	0.2	0.2	0.2
	5AC	0.2	0.1	0.0	0.3	0.1	0.2	0.3	0.2	0.4	0.1	0.5	1.2
	5AD	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.4
	5BA	0.7	0.2	0.1	0.3	4.2	1.8	0.3	0.2	0.2	0.2	0.2	0.3
	5BB	0.9	0.3	0.3	1.2	7.5	3.3	0.7	0.3	0.3	0.3	0.4	0.9
	5BC-1	2.9	0.8	0.7	2.1	13.8	6.0	1.8	1.3	1.3	0.8	1.2	3.0
	5BC-2	0.3	0.1	0.1	0.2	1.4	0.6	0.2	0.1	0.1	0.1	0.1	0.3
	5BD	0.7	0.4	0.4	1.2	0.8	1.2	1.1	1.0	1.0	0.5	0.5	0.6
	5BE	5.0	0.4	0.2	2.2	22.4	3.7	0.4	0.2	0.2	2.3	8.7	11.2
	5CA	1.0	0.8	0.2	1.3	0.7	0.5	2.4	0.9	1.8	2.0	8.0	14.1
	5CB	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.3	6.7
	5CC	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.5
	5DA	11.3	2.3	1.9	10.1	19.1	3.7	0.9	0.2	0.4	0.6	9.5	27.6
	5DB	3.5	0.8	0.2	0.9	0.7	0.3	0.2	0.0	0.0	0.0	0.4	6.7
	5DC	0.8	0.3	0.1	1.5	0.0	0.7	0.7	0.1	0.3	0.5	3.1	5.8
	5DD	1.2	0.3	0.0	0.0	0.0	0.8	0.2	0.1	0.4	0.0	0.4	4.4
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	6.8	0.0	0.0	0.0	7.9	7.3	0.0	0.0	0.0	0.0	0.0	6.5
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2032 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.3	0.3	1.7	1.4	1.5	1.2	1.3	2.8	1.5	0.8
	1AB	1.0	0.9	0.8	0.9	2.8	3.1	3.5	3.2	3.1	6.3	3.0	1.6
	1AC	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.3	0.3	1.0	0.6	0.1
	1AD	0.4	0.4	0.3	0.4	1.2	1.8	1.9	1.2	1.2	2.6	2.2	1.3
	1AE	0.3	0.2	0.2	0.2	1.0	0.8	0.7	0.5	0.6	1.0	0.9	0.7
	1AF	0.7	0.7	0.6	0.6	0.9	1.7	2.0	1.4	1.6	2.6	2.3	1.4
	1AG	0.3	0.3	0.2	0.2	0.5	1.3	1.6	1.0	1.0	1.7	1.6	1.0
	1AH	0.2	0.1	0.1	0.1	1.1	1.1	1.1	0.5	1.0	1.6	1.6	1.0
	1BA	0.4	0.3	0.3	0.4	2.9	2.3	3.1	4.1	2.4	4.8	3.4	1.4
	1BB	1.9	1.7	1.6	2.2	9.6	8.2	12.0	15.0	9.7	16.0	10.2	4.3
	1BC	1.0	0.9	0.9	0.8	2.4	4.5	7.8	9.0	7.0	9.6	4.9	2.1
	1BD	2.1	2.0	1.9	1.9	3.2	3.5	4.7	6.1	5.1	6.7	4.7	2.7
	1BE	1.4	1.0	1.0	1.0	2.9	6.3	11.3	15.2	12.3	17.7	9.2	3.4
	1BG	2.5	2.3	2.2	2.4	5.9	8.0	11.7	11.8	10.8	17.1	7.5	3.7
	1BH	1.6	1.5	1.4	1.5	4.0	5.3	7.2	7.1	6.5	11.1	5.1	2.5
	1CA	2.0	1.9	1.8	1.9	4.2	3.2	4.1	6.3	4.5	4.9	4.7	2.6
	1CB	1.6	1.4	1.3	2.2	5.5	3.3	5.4	7.9	5.7	6.0	5.3	2.5
	1CC	3.2	3.1	2.9	3.8	8.1	6.2	9.3	10.8	9.2	8.9	7.3	4.3
	1CD	5.4	5.1	4.8	5.8	13.0	11.4	17.5	20.6	16.2	18.3	13.8	7.5
	1CE	1.6	1.5	1.5	1.4	2.3	3.2	5.0	3.9	3.8	5.5	2.9	2.0
	1DA	2.7	2.7	2.5	2.7	3.6	6.5	9.6	6.3	6.5	9.8	5.5	3.7
	1DB	4.2	4.1	3.9	4.1	7.2	8.0	10.6	9.6	9.2	15.1	8.3	5.4
	1DC	1.9	1.8	1.8	1.7	1.8	2.8	4.4	3.7	3.4	4.6	4.1	2.6
	1DD	2.1	2.0	1.9	1.9	2.1	3.0	3.9	3.3	3.1	4.0	4.0	2.8
	1EA	4.7	4.6	4.4	4.4	5.7	13.1	13.5	9.4	10.5	11.6	7.5	6.0
	1EB	4.0	4.0	3.8	3.8	4.4	8.9	8.5	6.2	6.5	7.1	5.6	4.8
	1EC	2.4	2.4	2.3	2.3	2.4	4.3	5.2	3.8	3.8	4.7	3.6	2.9
	1ED	0.9	0.9	0.8	0.8	0.9	1.5	1.9	1.3	1.4	1.5	1.5	1.2
	1EE	0.6	0.6	0.6	0.5	0.4	0.9	1.4	0.9	1.1	1.3	2.3	1.6
	1EF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.8
	1EG	1.0	0.8	0.8	0.8	1.1	2.9	3.6	2.1	2.5	2.8	2.9	2.6
	1FA	0.2	0.2	0.2	0.4	1.7	2.1	3.5	3.7	3.5	3.0	2.2	0.8
	1FB	2.0	1.9	1.8	2.4	5.7	8.1	10.5	9.6	10.0	8.8	5.8	3.2
	1FC	1.3	1.3	1.2	1.2	2.7	4.7	5.7	4.5	5.6	4.5	3.1	2.0
	1FD	1.8	1.7	1.6	1.9	5.8	8.2	10.3	9.7	11.1	8.8	6.1	3.3
	1FE	2.9	2.7	2.5	2.5	5.5	14.1	13.6	9.0	11.4	10.1	7.1	4.9
	1FF	0.0	0.0	0.0	0.0	0.2	2.9	2.4	1.1	1.7	1.6	1.1	0.6
	1FG	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.3	1.3	1.2
LVSCA	1GA	1.0	0.8	0.8	1.8	6.6	8.4	11.1	13.9	12.0	9.5	6.2	2.6
	1GB	0.4	0.3	0.3	0.9	6.8	10.0	8.5	10.0	11.4	8.7	4.2	1.8
	1GC	2.7	2.6	2.6	8.1	11.9	11.2	14.6	20.4	17.9	14.6	10.4	6.4
	1GD	0.0	0.0	0.0	0.0	2.2	3.3	1.3	5.0	5.1	2.7	1.0	0.0
	1GE	0.0	0.0	0.0	0.1	0.8	2.4	0.8	1.3	2.6	3.8	1.6	0.8
	1GF	0.0	0.0	0.0	0.0	1.3	3.2	1.1	0.0	1.5	3.3	0.7	0.0
	1GG	0.5	0.5	0.4	3.3	5.6	5.9	6.4	10.4	8.7	6.4	4.1	1.7
	1HA1	0.6	0.6	0.5	1.0	3.2	6.5	3.4	2.5	4.5	3.7	2.2	1.5
	1HA2	0.0	0.0	0.0	0.0	0.0	1.0	0.1	0.0	0.3	0.3	0.1	0.1
	1HB1	0.1	0.0	0.0	0.0	0.2	0.6	1.3	0.5	0.6	0.9	1.0	1.0
	1HB2	0.1	0.0	0.0	0.2	0.9	2.7	1.4	0.6	1.0	1.2	0.8	0.6
	1HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	1HD	0.5	0.2	0.3	5.4	6.7	7.0	6.5	2.6	5.0	10.7	6.1	4.4
	1HE	0.4	0.1	0.0	2.7	6.4	5.1	4.6	1.6	2.5	7.2	4.0	3.9
	1HF	0.0	0.0	0.0	0.0	0.6	0.8	0.8	0.1	0.0	0.2	0.8	2.5
	1HG	0.1	0.0	0.0	0.6	2.3	0.6	0.5	0.1	0.0	0.3	0.8	3.2
	1JA	3.9	3.7	4.2	9.5	13.8	12.2	14.0	12.9	16.1	16.7	11.0	7.8
	1JB	0.7	0.6	0.8	2.4	3.3	2.7	3.4	2.7	3.9	4.5	2.5	1.4
	1JC	2.1	2.1	2.3	5.8	6.9	5.9	6.6	6.6	7.9	7.9	4.9	3.3
	1JD	1.9	1.9	2.0	3.8	4.3	3.7	4.6	3.8	5.6	7.6	4.9	2.8
	1JE	1.5	1.0	1.4	4.7	5.3	5.2	5.2	3.0	5.7	8.0	5.2	3.6
	1JF	4.5	3.8	4.3	11.7	13.8	13.5	15.1	11.2	19.9	25.0	17.8	10.2
	1JG1	0.4	0.3	0.3	2.5	3.6	2.8	3.9	2.0	4.3	6.8	4.2	1.8
	1JG2	0.3	0.2	0.2	0.3	0.9	1.2	0.8	0.2	0.6	1.2	1.0	0.5
	1KA	0.8	0.4	0.3	4.5	4.5	3.3	3.1	1.2	2.0	5.6	2.7	3.8
	1KB	4.8	2.5	2.8	18.8	25.6	14.7	16.9	7.0	11.4	30.1	18.4	26.0
	1KC	4.1	2.5	2.9	9.5	20.8	10.7	12.2	5.5	5.0	18.9	16.1	18.1
	1LA1	2.0	1.6	1.9	3.4	8.7	10.1	10.0	7.8	9.6	11.8	8.5	7.1
	1LA2	2.5	2.3	2.6	3.5	5.2	4.3	4.6	2.8	3.0	5.4	6.0	5.5
	1LA3	2.2	1.8	2.2	5.7	10.5	3.9	3.0	1.7	1.4	2.6	3.7	4.2
	1LB1	2.7	2.1	2.4	3.4	8.8	10.5	10.9	8.5	9.5	12.5	10.8	9.7
	1LB2	0.1	0.0	0.2	0.7	1.8	1.0	0.9	0.1	0.0	0.7	1.1	1.6

Monthly Surface Water by Sub-basin

Year 2032 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.8	0.2	0.0	0.0	2.8	8.3	18.2	27.4	16.6	16.3	8.9	2.6
	2BB	1.2	0.3	0.0	0.0	4.5	13.4	29.3	44.1	26.6	26.2	14.3	4.2
	2BC	0.6	0.0	0.0	0.0	1.5	7.5	16.4	25.0	18.1	23.9	10.1	3.1
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	1.0	0.2	0.0	1.1	17.2	4.7	22.7	35.7	17.7	29.1	31.8	8.5
	2CC	0.4	0.0	0.0	0.0	0.0	8.6	25.7	44.9	22.3	38.4	32.5	8.9
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.1	0.0	0.0	0.0	0.1	0.1	0.6	1.9	2.6	1.8	0.9	1.0
	2EB	0.1	0.0	0.0	0.0	0.2	0.2	1.0	3.2	4.2	3.0	1.6	1.7
	2EC	0.0	0.0	0.0	0.0	0.3	0.4	1.2	3.1	3.4	2.5	2.5	2.6
	2ED	0.1	0.0	0.0	0.0	0.3	0.3	2.1	5.5	5.2	3.7	4.0	2.4
	2EE	0.1	0.0	0.0	0.1	2.2	1.7	7.8	9.5	6.3	5.9	4.9	1.8
	2EF	0.1	0.0	0.0	0.0	0.3	0.3	2.0	5.1	4.8	3.4	3.7	2.2
	2EG1	0.0	0.0	0.0	0.0	0.2	0.2	1.0	2.2	1.7	1.2	1.2	1.2
	2EG2	0.0	0.0	0.0	0.0	0.6	0.7	3.3	7.3	5.6	3.9	4.0	4.1
	2EH	0.0	0.0	0.0	0.0	0.6	0.4	1.8	2.3	0.8	1.0	1.4	0.6
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.3
	2FA	0.0	0.0	0.0	0.0	0.4	0.5	1.5	2.0	2.3	1.7	1.4	1.4
	2FB	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.5	0.6	0.4	0.3	0.4
	2FC	0.1	0.0	0.0	0.0	0.7	0.7	2.0	4.9	4.8	3.3	3.7	4.8
	2GA	0.0	0.0	0.0	0.0	1.0	0.9	2.0	1.9	2.0	1.7	1.8	2.1
	2GB	0.5	0.1	0.0	0.2	5.3	4.3	7.5	7.1	7.6	6.7	5.8	6.7
	2GC	0.6	0.1	0.0	1.9	13.0	6.6	5.9	3.8	3.8	5.9	6.3	6.5
	2GD	0.8	0.1	0.0	2.7	18.3	9.4	8.4	5.3	5.3	8.4	8.9	9.2
	2H-1	0.0	0.0	0.0	0.4	4.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	1.7	9.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.2	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.6	0.3	0.3	2.0	7.1	3.3	3.5	2.6	2.6	3.3	3.8	4.8
	2KB	0.4	0.2	0.1	2.1	3.6	0.7	1.0	1.0	1.0	1.0	1.3	1.3
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.0	1.6	1.3	5.5	10.8	2.1	1.5	1.3	1.3	1.3	1.6	2.1
	3AB	0.5	0.2	0.1	1.2	5.9	0.6	0.2	0.1	0.1	0.1	0.1	0.3
	3AC	0.3	0.1	0.0	0.5	4.6	0.7	0.2	0.0	0.0	0.0	0.2	0.8
	3BA	0.4	0.4	0.3	1.6	4.4	0.7	0.5	0.3	0.3	0.3	0.8	1.0
	3BB	0.5	0.5	0.4	2.3	3.9	0.6	0.5	0.4	0.3	0.3	0.9	1.1
	3BC	2.5	2.3	2.2	6.2	11.6	3.7	2.9	2.4	2.2	2.2	2.8	5.0
	3BD	0.9	0.8	0.8	3.0	4.6	1.3	1.0	0.8	0.8	0.8	0.9	2.1
	3CB	2.4	2.4	2.2	3.7	6.9	2.9	2.6	2.3	2.2	2.2	2.5	3.3
	3DA	1.0	1.3	1.6	0.1	3.8	0.6	1.4	1.6	1.5	1.5	1.3	1.7
	3DB	1.3	0.1	0.0	0.0	1.5	0.3	0.0	0.0	0.0	0.0	0.0	2.7
	3EA	1.6	0.3	0.0	0.2	2.2	0.4	0.0	0.0	0.0	0.0	0.0	2.3
	3EB	1.6	0.1	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	1.4
	3EC	1.7	0.1	0.0	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	1.2
	3ED	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	3.3	1.4	1.1	0.0	2.5	1.4	1.1	1.1	1.1	1.1	1.4	5.1
	3FB	1.8	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	6.6
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.2	0.2	0.1	1.2	3.6	0.4	0.2	0.1	0.1	0.1	0.3	0.4
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2032 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.6	1.3	1.2	1.4	6.1	3.0	1.4	1.2	1.1	1.1	2.7	9.2
	4AB	1.7	1.3	1.2	1.5	7.6	3.8	2.3	1.5	1.3	1.2	2.8	8.6
	4AC	0.1	0.0	0.0	0.5	6.4	2.8	1.1	0.3	0.1	0.6	1.7	6.0
	4AD	1.0	0.5	0.4	2.8	12.8	4.6	2.4	1.3	1.0	1.8	3.8	8.9
	4BA	0.8	0.7	0.6	0.9	6.4	2.3	0.8	0.7	0.6	0.6	1.2	3.5
	4BB	2.5	2.3	2.1	6.6	13.4	4.5	3.0	2.3	2.2	2.2	6.2	8.2
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	3.7	3.4	3.2	10.3	22.7	7.3	4.6	3.4	3.2	3.3	9.8	13.2
	4BE	2.3	1.7	1.5	7.9	20.3	6.1	3.1	1.9	1.6	2.2	6.4	9.8
	4BF	0.0	0.0	0.0	1.8	5.9	0.2	0.0	0.0	0.0	0.0	0.1	1.4
	4BG	0.0	0.0	0.0	0.0	5.9	1.4	0.0	0.0	0.0	0.0	0.0	0.3
	4CA	1.0	0.5	0.3	7.3	14.0	4.2	2.7	1.3	0.9	2.3	4.8	7.6
	4CB	0.1	0.0	0.0	4.8	8.3	1.7	0.6	0.0	0.0	0.4	1.6	4.2
	4CC	0.0	0.0	0.0	1.6	2.7	0.5	0.2	0.0	0.0	0.1	0.5	1.4
	4DA	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	4.6	3.9	3.6	5.7	24.6	6.3	3.9	3.6	3.5	3.5	8.1	17.8
	4DC	2.1	1.5	1.4	3.1	10.0	2.8	1.5	1.4	1.4	1.3	5.5	8.9
	4DD	0.2	0.1	0.1	0.0	2.0	0.6	0.1	0.1	0.1	0.1	0.0	1.4
	4DE	0.1	0.0	0.0	0.0	2.9	1.7	0.1	0.0	0.0	0.0	0.0	0.4
	4EA	9.5	6.6	5.6	9.1	21.0	8.9	6.0	5.5	5.4	5.3	26.6	50.8
	4EB	7.9	5.6	5.1	14.4	32.3	7.8	5.3	5.0	4.9	4.8	34.7	49.0
	4EC	0.3	0.0	0.0	0.7	7.8	0.5	0.0	0.0	0.0	0.0	3.6	13.0
	4ED	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	2.0	51.3
	4FA	15.8	10.9	9.6	12.0	27.6	13.0	9.8	9.3	9.1	8.9	45.4	117.4
	4FB	4.5	1.2	0.0	0.0	7.0	3.1	0.4	0.0	0.0	0.0	19.1	79.5
	4GA	4.5	3.8	3.5	0.1	5.3	4.7	3.6	3.5	3.5	3.3	5.9	61.1
	4GB	0.9	0.2	0.1	0.0	2.7	1.7	0.3	0.1	0.0	0.0	0.0	15.5
	4GC	0.8	0.2	0.0	0.0	2.2	1.5	0.2	0.0	0.0	0.0	0.0	0.0
	4GD	1.9	0.5	0.1	0.0	1.6	2.6	0.7	0.3	0.1	0.0	0.0	0.0
	4GE	1.2	0.3	0.0	0.0	0.0	1.6	0.4	0.1	0.0	0.0	0.0	0.0
	4GF	4.2	1.0	0.3	0.0	0.0	4.7	1.2	0.5	0.2	0.0	0.0	47.0
	4GG	4.5	0.8	0.0	0.0	0.0	4.4	0.5	0.0	0.0	0.0	0.0	0.0
	4HA	4.6	1.9	0.8	0.6	0.8	0.4	0.3	0.3	0.3	0.3	1.6	30.4
	4HB	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	2.8
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	52.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	20.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	33.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	56.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.4	0.3	0.3	0.9	3.3	0.6	2.0	4.6	5.1	3.7	2.3	3.0
	5AB	0.1	0.1	0.1	0.5	1.9	0.2	0.8	1.9	1.7	1.5	0.9	1.3
	5AC	0.1	0.0	0.0	0.1	0.7	0.1	0.1	0.2	0.3	0.2	0.2	0.3
	5AD	0.1	0.1	0.0	0.3	0.9	0.1	0.0	0.2	0.2	0.2	0.3	0.3
	5BA	0.2	0.2	0.1	0.3	1.4	0.8	0.3	0.2	0.1	0.2	0.3	1.8
	5BB	0.5	0.3	0.3	1.6	4.2	1.2	0.9	0.6	0.4	0.9	2.1	3.7
	5BC-1	1.2	0.7	0.6	3.5	9.0	2.0	1.4	1.8	1.7	1.7	4.3	9.6
	5BC-2	0.1	0.1	0.1	0.3	0.9	0.2	0.1	0.2	0.2	0.2	0.4	0.9
	5BD	0.5	0.4	0.4	1.3	2.9	0.7	1.0	1.5	1.4	1.4	1.2	1.5
	5BE	1.5	0.3	0.2	7.6	8.0	1.5	0.3	0.2	0.2	0.2	14.2	18.0
	5CA	1.4	0.2	0.1	0.5	0.7	0.2	0.1	0.1	0.1	0.1	0.2	0.3
	5CB	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	5DA	6.0	1.7	0.4	8.7	7.4	1.2	0.3	0.2	0.2	0.1	21.1	51.7
	5DB	1.5	0.4	0.0	0.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	2.4
	5DC	0.8	0.2	0.1	0.0	0.6	0.4	0.1	0.3	0.3	0.2	0.3	0.4
	5DD	0.9	0.1	0.0	0.0	0.5	0.3	0.0	0.2	0.3	0.2	0.1	0.2
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.6
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2033 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.6	0.6	0.5	0.4	2.3	1.8	0.9	0.7	1.4	1.5	1.1	0.6
	1AB	1.3	1.8	1.3	1.1	5.0	3.8	2.4	2.1	3.5	3.4	2.5	1.4
	1AC	0.0	0.0	0.0	0.0	0.3	0.6	0.3	0.2	0.6	0.4	0.3	0.0
	1AD	0.8	0.7	0.5	0.4	2.3	2.4	1.1	0.7	1.3	1.4	1.2	0.7
	1AE	0.5	0.4	0.3	0.3	1.0	1.0	0.5	0.3	0.3	0.4	0.5	0.4
	1AF	1.1	0.9	0.8	0.7	2.3	2.4	1.3	1.1	1.7	1.7	1.5	1.0
	1AG	0.7	0.5	0.4	0.3	1.5	1.9	0.9	0.6	1.2	1.2	1.0	0.6
	1AH	0.8	0.4	0.3	0.2	2.0	1.8	0.5	0.2	0.4	0.8	0.8	0.5
	1BA	1.6	3.7	0.9	0.5	7.0	3.3	1.8	1.5	1.3	0.6	0.8	1.5
	1BB	4.9	10.6	3.1	2.3	21.9	11.5	6.5	5.3	5.1	3.0	3.4	4.0
	1BC	2.0	4.3	2.1	1.1	10.2	7.5	4.1	3.2	4.3	3.3	2.4	1.5
	1BD	2.4	3.1	2.6	2.0	4.4	4.9	3.4	2.9	3.6	3.1	2.5	2.3
	1BE	3.0	6.4	3.9	1.6	14.4	12.8	6.9	5.0	7.2	6.2	4.5	2.5
	1BG	3.4	6.3	3.9	2.6	13.1	10.8	6.3	5.0	8.5	7.5	5.1	3.3
	1BH	2.2	3.6	2.4	1.8	8.6	7.0	4.2	3.6	6.0	5.3	3.7	2.2
	1CA	2.4	3.2	2.4	1.9	3.6	4.3	3.0	2.9	2.9	2.3	2.1	2.0
	1CB	2.3	3.2	2.1	1.5	4.1	5.4	3.2	3.1	3.3	2.3	2.1	1.8
	1CC	4.1	5.3	4.0	3.2	7.3	8.8	5.4	5.8	5.7	4.1	4.8	4.1
	1CD	6.7	8.9	6.6	5.2	13.8	15.2	9.4	9.3	10.8	7.6	6.4	5.7
	1CE	1.7	1.9	1.7	1.5	4.5	4.0	2.6	2.4	3.4	2.6	1.9	1.6
	1DA	3.0	3.3	3.0	2.9	9.2	7.5	4.4	4.5	6.9	4.8	3.5	2.9
	1DB	4.8	6.3	4.9	4.4	12.6	10.2	7.2	7.0	10.0	8.8	6.9	4.8
	1DC	2.1	2.0	2.1	1.8	3.6	4.5	3.0	2.6	4.2	3.3	2.7	2.1
	1DD	2.4	2.3	2.3	2.0	3.6	4.3	3.0	2.7	3.9	3.3	2.9	2.3
	1EA	5.1	5.7	5.4	5.3	13.2	10.7	6.6	6.8	9.1	6.3	5.4	4.8
	1EB	4.3	4.4	4.4	4.2	7.8	7.3	5.2	4.9	6.2	5.0	4.5	4.0
	1EC	2.6	2.7	2.5	2.4	4.9	4.4	3.1	2.9	4.0	3.1	2.7	2.4
	1ED	1.1	1.0	1.0	0.9	1.7	1.9	1.2	1.0	1.4	1.2	1.1	1.0
	1EE	1.6	0.7	0.8	0.4	2.0	3.4	1.2	0.4	1.0	1.1	1.0	0.8
	1EF	0.7	0.0	0.0	0.0	0.5	2.8	0.2	0.0	0.0	0.0	0.0	0.0
	1EG	2.9	1.9	1.4	1.0	4.5	5.5	2.4	1.3	1.8	1.7	1.6	1.3
	1FA	0.9	1.5	0.6	0.3	2.8	3.2	1.6	1.6	1.5	0.7	1.6	0.9
	1FB	2.8	3.8	2.8	2.4	8.8	9.0	4.4	4.5	5.4	3.2	4.6	3.5
	1FC	1.6	1.9	1.9	1.5	4.8	5.1	2.5	2.3	3.0	1.9	2.2	2.1
	1FD	2.7	3.7	2.9	2.3	9.2	9.8	4.5	4.3	4.7	2.9	6.0	4.7
	1FE	4.0	4.3	4.5	4.0	13.5	12.5	5.8	4.8	7.1	4.6	4.0	3.8
	1FF	0.4	0.4	0.3	0.3	3.1	2.7	0.8	0.2	0.6	0.2	0.1	0.1
	1FG	2.4	0.0	0.0	0.0	4.1	5.5	0.1	0.0	0.0	0.0	0.0	0.0
LVSCA	1GA	3.1	5.0	2.3	1.5	10.2	10.0	5.4	4.5	4.4	2.4	4.0	4.7
	1GB	1.4	1.9	1.9	1.4	11.2	10.0	2.2	1.3	1.8	1.0	3.4	6.3
	1GC	8.8	14.0	6.0	4.2	16.4	15.3	11.3	7.2	6.7	4.5	4.2	5.5
	1GD	0.0	0.0	0.0	0.0	4.3	4.2	0.3	0.0	0.0	0.0	0.0	1.3
	1GE	1.3	0.6	0.0	0.0	3.1	3.4	0.3	0.0	0.0	0.0	0.0	0.2
	1GF	0.8	0.0	0.0	0.0	4.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0
	1GG	2.6	4.1	1.7	1.6	8.2	6.8	4.1	2.4	2.6	1.4	1.4	3.1
	1HA1	1.6	1.3	1.2	1.5	7.6	5.9	1.6	1.0	1.2	0.7	0.8	1.4
	1HA2	0.1	0.0	0.0	0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	1HB1	1.3	0.7	0.2	0.2	1.9	2.8	1.0	0.1	0.1	0.0	0.1	0.1
	1HB2	0.6	0.3	0.2	0.4	2.7	2.2	0.6	0.2	0.1	0.0	0.0	0.1
	1HC	0.3	0.3	0.1	0.0	0.4	0.9	0.4	0.0	0.0	0.0	0.0	0.0
	1HD	6.2	5.4	1.3	0.7	10.2	14.9	4.3	0.7	0.7	0.2	0.6	1.7
	1HE	4.8	4.8	1.4	0.8	8.2	9.7	2.8	0.4	0.5	0.5	0.9	1.1
	1HF	3.4	3.3	1.2	0.1	1.8	3.2	1.0	0.0	0.0	0.0	0.0	0.0
	1HG	1.8	1.5	0.3	0.1	1.7	1.6	0.3	0.0	0.0	0.0	0.1	0.1
	1JA	10.8	15.9	7.1	4.8	15.2	16.8	10.3	6.1	5.7	4.6	6.1	7.3
	1JB	2.1	2.9	1.2	0.8	4.1	4.3	2.5	1.2	1.0	0.9	1.3	1.6
	1JC	4.4	5.5	3.0	2.6	8.7	7.6	5.4	3.2	3.1	2.6	3.3	3.7
	1JD	3.6	3.6	2.2	1.9	5.4	6.9	4.4	2.4	2.2	2.0	2.4	2.7
	1JE	5.2	8.1	3.3	1.9	5.4	7.0	2.9	1.3	1.4	1.2	3.0	2.7
	1JF	14.0	20.9	8.3	5.5	16.8	28.0	12.8	5.6	5.1	4.4	8.1	7.9
	1JG1	2.7	3.4	0.9	0.3	4.7	7.9	3.1	0.7	0.4	0.2	0.4	1.1
	1JG2	0.5	0.7	0.4	0.2	1.5	1.8	0.8	0.3	0.2	0.2	0.2	0.3
	1KA	3.6	4.1	1.3	0.9	6.5	6.4	1.6	0.9	1.0	1.1	1.7	1.4
	1KB	19.8	24.6	8.7	5.4	38.7	33.4	9.5	3.7	4.6	4.5	8.0	6.6
	1KC	17.2	22.3	10.4	5.4	29.5	17.8	6.9	2.8	2.4	2.5	3.3	3.6
	1LA1	10.1	20.2	6.8	2.7	6.6	9.9	5.3	2.9	2.4	1.9	3.8	4.8
	1LA2	6.7	13.1	6.7	3.1	4.8	4.3	3.1	2.3	2.2	2.1	2.1	2.3
	1LA3	20.6	47.7	17.3	5.4	9.0	7.2	3.0	1.4	1.2	1.1	1.1	1.3
	1LB1	16.9	33.8	11.7	4.0	6.5	10.9	6.0	3.2	2.5	1.9	2.5	3.9
	1LB2	9.0	24.6	9.5	1.7	3.6	2.6	0.4	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2033 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	2.9	6.9	1.4	0.5	30.0	21.3	9.4	6.0	6.7	2.7	1.8	0.9
	2BB	4.7	11.1	2.2	0.9	48.3	34.3	15.1	9.7	10.8	4.4	2.9	1.4
	2BC	2.3	6.9	2.6	0.3	27.3	23.6	10.0	6.7	8.7	5.1	3.7	1.1
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	11.9	39.1	5.6	2.0	32.6	45.1	19.1	10.3	4.4	1.6	0.6	0.3
	2CC	8.4	31.0	4.8	0.7	58.9	45.6	19.8	9.9	5.5	1.7	0.8	1.8
	2D	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	1.7	3.7	0.7	0.1	0.3	0.8	0.8	0.6	0.3	0.1	0.0	0.0
	2EB	2.9	6.1	1.1	0.2	0.4	1.3	1.3	0.9	0.5	0.1	0.0	0.0
	2EC	2.4	7.4	2.5	0.3	0.9	1.9	1.6	0.8	0.3	0.0	0.0	0.0
	2ED	2.5	7.3	3.1	0.3	2.5	4.9	3.9	2.9	1.4	0.5	0.1	0.1
	2EE	3.6	10.3	2.0	0.0	5.1	9.2	5.8	3.5	2.0	0.6	0.1	0.1
	2EF	2.3	6.8	2.8	0.3	2.3	4.5	3.6	2.6	1.3	0.4	0.1	0.1
	2EG1	1.2	3.9	0.9	0.0	0.5	1.4	1.0	0.6	0.2	0.0	0.0	0.0
	2EG2	4.0	13.0	3.2	0.1	1.8	4.8	3.3	1.9	0.7	0.1	0.0	0.1
	2EH	0.8	3.4	0.6	0.1	0.9	3.9	1.4	0.8	0.3	0.0	0.0	0.0
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	1.5	2.9	0.2	0.0	0.1	0.8	0.3	0.2	0.0	0.0	0.0	0.0
	2FA	1.2	3.9	1.0	0.1	0.2	0.5	0.5	0.2	0.1	0.0	0.0	0.0
	2FB	0.3	1.0	0.2	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
	2FC	4.5	12.7	2.0	0.4	0.4	1.1	0.9	0.5	0.3	0.0	0.0	0.0
	2GA	2.8	7.3	1.5	0.2	0.3	0.5	0.3	0.1	0.0	0.0	0.0	0.0
	2GB	9.2	18.0	2.5	0.6	1.7	3.2	1.7	1.0	0.6	0.2	0.2	0.3
	2GC	9.2	12.5	2.6	1.0	5.7	5.3	1.9	0.7	0.3	0.1	0.1	1.1
	2GD	13.0	17.7	3.7	1.4	8.0	7.5	2.7	0.9	0.4	0.1	0.2	1.6
	2H-1	1.6	10.1	2.9	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	5.7	20.1	2.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	2.1	7.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	27.5	61.9	20.6	4.2	7.2	11.9	3.6	0.8	0.2	0.0	0.1	0.6
	2KB	5.0	11.9	3.5	0.8	1.0	1.3	1.4	0.4	0.1	0.0	0.0	0.2
	2KC	0.0	7.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	8.9	13.2	3.0	1.7	1.7	1.4	1.3	1.3	1.3	1.3	1.5	2.1
	3AB	7.2	12.0	2.0	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2
	3AC	5.1	7.5	1.4	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.1	0.9
	3BA	2.9	4.4	0.9	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.6	1.3
	3BB	2.9	3.7	0.8	0.5	0.7	0.5	0.4	0.3	0.3	0.3	0.7	1.3
	3BC	9.1	9.1	3.6	2.8	4.8	3.9	2.7	2.3	2.2	2.2	2.3	3.9
	3BD	4.2	3.6	1.2	0.9	1.6	1.4	0.9	0.8	0.8	0.8	0.8	1.9
	3CB	5.6	6.2	2.5	2.5	3.1	3.0	2.4	2.2	2.2	2.2	2.4	2.8
	3DA	8.9	7.8	1.0	0.3	0.9	1.4	1.5	1.5	1.5	1.5	1.2	2.5
	3DB	12.2	7.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	3EA	16.1	11.0	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
	3EB	16.1	11.1	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	14.7	10.2	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	6.2	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	11.2	18.5	3.9	1.3	1.0	1.2	1.1	1.1	1.1	1.1	1.0	1.2
	3FB	12.5	20.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	13.6	16.7	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	3HA	0.0	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	1.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	2.7	4.6	0.8	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.4
	3LA	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2033 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	7.3	4.6	1.9	2.8	6.1	2.1	1.3	1.2	1.1	1.1	1.6	3.5
	4AB	8.1	6.0	2.2	1.9	6.4	3.3	1.7	1.2	1.1	1.1	1.1	1.3
	4AC	6.0	4.5	0.9	0.5	4.9	2.3	0.3	0.0	0.0	0.0	0.0	0.4
	4AD	9.2	6.6	1.9	1.7	9.6	4.1	1.3	0.5	0.4	0.3	0.4	2.4
	4BA	4.8	3.2	1.1	0.9	4.2	1.5	0.8	0.6	0.6	0.6	0.6	0.9
	4BB	8.8	6.1	2.8	3.3	10.8	4.5	2.5	2.2	2.1	2.1	2.5	5.1
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	14.4	10.1	4.4	5.1	17.3	7.1	3.8	3.2	3.1	3.1	3.7	7.9
	4BE	11.9	9.8	3.5	3.1	13.4	5.9	2.6	1.7	1.5	1.5	1.6	6.4
	4BF	3.4	2.8	0.1	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.5
	4BG	3.0	5.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
	4CA	9.5	7.4	2.5	2.0	9.4	4.7	1.7	0.7	0.4	0.3	0.8	4.9
	4CB	5.6	4.2	0.8	0.7	5.2	2.2	0.4	0.0	0.0	0.0	0.2	2.9
	4CC	1.8	1.3	0.3	0.2	1.7	0.7	0.1	0.0	0.0	0.0	0.1	0.9
	4DA	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	19.3	13.8	5.2	7.4	13.5	4.8	3.8	3.6	3.5	3.5	5.8	7.5
	4DC	6.9	6.2	2.5	3.9	5.6	2.0	1.5	1.4	1.4	1.3	3.7	4.7
	4DD	2.8	3.8	0.6	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.2
	4DE	4.1	7.5	0.9	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0
	4EA	33.6	26.8	8.5	10.7	28.2	8.5	6.2	5.8	5.7	5.7	18.6	23.9
	4EB	29.1	26.4	6.9	15.0	30.8	6.8	5.4	5.2	5.1	5.0	21.9	23.3
	4EC	9.3	8.7	0.5	0.9	4.2	0.2	0.0	0.0	0.0	0.0	0.6	3.6
	4ED	65.3	70.8	4.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
	4FA	74.0	61.9	13.6	17.8	54.0	13.5	10.6	10.1	9.9	9.8	32.8	56.5
	4FB	34.9	28.4	3.8	0.6	18.5	3.6	0.6	0.0	0.0	0.0	6.6	35.0
	4GA	40.4	26.1	6.6	3.6	8.5	4.9	3.8	3.6	3.5	3.5	0.7	19.4
	4GB	20.8	16.2	3.1	0.0	0.1	1.4	0.4	0.1	0.1	0.0	0.0	5.3
	4GC	0.0	8.5	1.4	0.0	0.0	1.2	0.3	0.0	0.0	0.0	0.0	3.0
	4GD	0.0	14.5	2.9	0.0	0.0	2.5	0.8	0.2	0.1	0.1	0.0	4.5
	4GE	0.0	6.9	1.8	0.0	0.0	1.7	0.4	0.0	0.0	0.0	0.0	2.3
	4GF	77.1	47.3	8.9	0.0	0.2	4.8	1.4	0.4	0.2	0.2	0.0	4.5
	4GG	0.0	11.4	5.9	0.0	0.0	4.4	1.0	0.0	0.0	0.0	0.0	1.1
	4HA	60.8	31.0	7.0	2.8	1.3	0.6	0.4	0.3	0.3	0.3	0.5	3.5
	4HB	7.8	13.4	1.3	0.0	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0
	4HC	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	7.7	0.0	0.0	0.0	5.9	8.4	0.0	0.0	0.0	0.0	0.0	12.4
	4JB	3.0	0.0	0.0	0.0	2.3	3.3	0.0	0.0	0.0	0.0	0.0	4.9
	4KA	4.8	0.0	0.0	0.0	3.7	5.3	0.0	0.0	0.0	0.0	0.0	7.8
	4KB	8.2	0.0	0.0	0.0	6.3	9.0	0.0	0.0	0.0	0.0	0.0	13.3
ENNCA	5AA	4.2	7.7	1.1	0.4	0.9	1.9	1.5	1.1	0.6	0.3	0.2	0.3
	5AB	1.7	3.0	0.2	0.1	0.1	0.5	0.2	0.2	0.1	0.1	0.1	0.1
	5AC	0.7	2.1	0.3	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
	5AD	0.5	1.3	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
	5BA	1.8	1.5	0.3	0.2	0.7	0.4	0.2	0.1	0.1	0.1	0.1	0.2
	5BB	3.8	3.9	0.5	0.4	1.7	1.1	0.4	0.2	0.2	0.2	0.2	0.5
	5BC-1	8.5	11.8	1.4	0.8	1.7	1.6	0.9	0.7	0.6	0.6	0.8	2.9
	5BC-2	0.8	1.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.3
	5BD	1.7	3.6	0.7	0.4	0.5	0.8	0.6	0.4	0.4	0.4	0.4	0.4
	5BE	18.1	12.8	0.8	1.4	6.9	1.0	0.2	0.2	0.2	0.2	9.5	8.2
	5CA	3.1	7.0	1.0	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	5CB	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.9	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	44.5	34.3	3.5	5.6	13.3	1.5	0.5	0.2	0.1	0.0	16.0	19.5
	5DB	6.4	8.7	0.8	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.0	1.2	0.3	0.0	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.6
	5DD	0.0	1.9	0.3	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.5
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	54.9	55.9	4.4	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	31.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2034 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.3	0.7	4.2	1.8	1.0	1.2	1.3	1.0	3.4	1.5
	1AB	0.9	0.8	0.8	1.2	7.3	4.3	2.6	3.5	3.2	2.0	6.2	3.0
	1AC	0.0	0.0	0.0	0.0	1.0	0.9	0.4	0.5	0.5	0.2	1.0	0.6
	1AD	0.4	0.3	0.4	1.4	5.7	2.6	1.4	1.3	1.5	1.2	4.0	2.5
	1AE	0.2	0.2	0.2	0.8	2.5	1.0	0.6	0.4	0.5	0.7	1.8	1.2
	1AF	0.7	0.6	0.6	1.2	5.1	2.8	1.6	1.5	1.5	1.3	3.9	2.7
	1AG	0.3	0.2	0.2	0.8	4.1	2.2	1.1	0.8	1.0	0.8	2.9	2.1
	1AH	0.2	0.1	0.2	1.5	4.9	1.7	0.8	0.6	0.7	1.1	3.7	1.8
	1BA	0.5	0.3	0.3	1.6	6.6	4.8	3.3	4.7	1.6	0.5	4.7	2.3
	1BB	1.9	1.6	1.6	4.5	21.8	16.8	12.0	15.7	5.7	2.3	13.4	6.9
	1BC	1.0	0.9	0.8	0.7	9.1	9.5	6.5	9.4	5.1	2.2	6.4	3.6
	1BD	1.9	1.8	1.8	1.6	6.1	6.0	5.1	6.2	4.9	2.9	4.7	3.9
	1BE	1.2	0.9	0.9	0.5	13.9	15.5	10.3	15.7	10.3	3.8	11.1	7.3
	1BG	2.3	2.1	2.1	2.1	15.4	11.9	9.1	13.9	10.3	5.3	14.6	6.4
	1BH	1.5	1.3	1.3	1.5	9.6	7.8	5.6	8.0	6.7	3.7	10.0	4.4
	1CA	1.8	1.7	1.7	2.9	8.1	5.8	6.0	5.7	3.9	2.3	3.2	3.2
	1CB	1.4	1.3	1.3	4.3	10.5	7.1	7.9	7.4	4.6	2.2	3.2	3.1
	1CC	3.2	3.0	3.0	7.2	14.0	9.4	9.4	9.6	6.2	3.8	6.0	5.0
	1CD	4.9	4.7	4.7	10.6	27.7	19.1	21.2	20.7	13.6	7.3	12.1	9.8
	1CE	1.4	1.4	1.4	1.6	5.0	4.2	4.1	5.1	4.1	2.5	4.1	2.6
	1DA	2.5	2.5	2.5	4.5	11.3	8.1	8.1	9.0	7.6	4.4	8.6	5.4
	1DB	3.9	3.8	3.8	4.4	15.3	11.7	8.6	11.2	9.4	6.4	14.0	8.0
	1DC	1.8	1.7	1.7	1.6	5.9	5.3	3.6	4.0	4.2	2.6	4.6	4.4
	1DD	1.9	1.9	1.9	2.1	6.1	5.2	3.3	3.3	3.6	2.6	4.8	4.6
	1EA	4.4	4.3	4.5	11.0	14.9	10.7	11.9	11.5	9.7	6.4	12.5	8.1
	1EB	3.8	3.7	3.9	7.2	10.1	7.2	6.8	6.6	6.4	4.9	8.6	6.3
	1EC	2.3	2.2	2.3	3.8	6.2	4.6	4.5	4.6	4.3	3.0	5.0	3.7
	1ED	0.8	0.8	0.8	1.3	2.8	1.9	1.4	1.4	1.5	1.2	2.1	1.7
	1EE	0.6	0.5	0.5	0.3	5.5	4.0	1.3	0.8	1.7	1.1	4.0	3.2
	1EF	0.0	0.0	0.0	0.0	6.8	3.8	0.0	0.0	1.4	0.2	4.8	4.3
	1EG	0.9	0.8	0.9	2.9	8.7	5.5	3.0	2.2	2.8	2.0	7.3	4.5
	1FA	0.3	0.2	0.2	2.1	5.1	2.8	2.6	3.0	1.6	0.5	2.1	1.0
	1FB	2.0	1.8	2.3	7.1	13.0	8.3	8.7	9.3	6.4	3.1	8.2	5.1
	1FC	1.4	1.2	1.3	3.7	6.5	4.3	3.9	4.6	3.7	2.0	4.4	3.4
	1FD	2.0	1.7	2.2	7.0	13.5	7.6	6.1	8.1	5.5	2.7	8.0	4.8
	1FE	2.8	2.5	3.5	12.5	17.8	11.1	9.5	9.7	8.6	4.9	13.4	9.5
	1FF	0.0	0.0	0.1	3.0	4.7	2.3	1.4	1.1	1.0	0.3	3.0	2.0
	1FG	0.0	0.0	0.0	0.6	15.0	4.7	0.0	0.6	1.3	0.1	12.2	6.9
LVSCA	1GA	1.2	0.8	2.6	9.3	16.9	8.9	7.3	9.2	4.3	1.5	7.3	3.7
	1GB	0.7	0.4	3.6	12.9	15.1	6.8	4.9	7.2	3.2	1.3	11.0	4.2
	1GC	2.7	2.3	4.7	11.4	24.6	15.1	15.1	16.4	7.8	3.9	9.5	6.7
	1GD	0.0	0.0	2.0	9.7	10.5	3.3	1.0	1.8	0.0	0.0	3.8	1.4
	1GE	0.0	0.0	0.7	5.8	10.7	2.3	2.0	2.4	0.3	0.0	4.9	2.0
	1GF	0.0	0.0	0.0	10.9	11.5	1.5	0.8	1.1	0.0	0.0	6.4	2.1
	1GG	0.6	0.4	3.4	7.2	12.5	6.8	5.8	6.5	2.5	0.9	5.4	2.6
	1HA1	0.6	0.5	3.1	7.4	9.2	3.4	2.6	2.4	1.7	0.9	5.1	4.0
	1HA2	0.0	0.0	0.1	4.4	2.6	0.3	0.1	0.1	0.0	0.0	0.3	0.4
	1HB1	0.0	0.0	0.0	1.8	5.8	2.9	1.1	0.6	0.7	0.2	3.2	3.3
	1HB2	0.0	0.0	1.5	3.2	4.4	1.6	0.9	0.5	0.3	0.1	1.6	1.9
	1HC	0.0	0.0	0.0	0.0	1.5	1.8	0.5	0.1	0.2	0.0	1.4	2.8
	1HD	0.2	0.0	5.2	13.5	15.5	9.4	6.9	3.3	3.0	1.9	15.1	9.7
	1HE	0.1	0.0	2.3	10.1	10.5	5.8	4.2	1.8	1.7	1.0	13.2	8.8
	1HF	0.0	0.0	0.0	0.9	6.4	4.8	1.3	0.1	0.0	0.0	1.7	5.7
	1HG	0.0	0.0	0.6	4.1	5.6	2.0	0.7	0.2	0.3	0.1	4.0	2.9
	1JA	3.9	3.3	8.8	19.7	27.2	15.6	13.7	14.6	11.1	7.1	19.1	11.3
	1JB	0.7	0.5	2.3	5.7	7.4	3.6	3.1	3.3	2.9	1.9	5.9	3.1
	1JC	2.1	1.8	3.5	8.9	13.1	6.3	6.4	6.8	5.1	3.5	8.6	5.0
	1JD	1.9	1.8	3.0	6.2	9.8	5.9	5.2	5.7	5.3	3.5	9.0	6.4
	1JE	1.2	1.0	9.6	12.3	10.3	7.5	5.3	3.6	3.4	2.6	11.2	5.9
	1JF	4.1	3.4	13.8	27.2	37.8	24.5	18.2	15.4	13.9	9.8	31.8	21.2
	1JG1	0.3	0.3	1.9	7.2	10.8	5.2	4.0	3.3	3.3	1.7	8.8	5.6
	1JG2	0.2	0.2	0.4	2.0	3.0	1.4	0.8	0.4	0.5	0.1	1.5	2.0
	1KA	0.3	0.1	3.4	6.6	6.6	4.3	3.4	1.5	1.5	1.4	9.4	5.6
	1KB	2.5	1.9	23.3	41.2	46.8	28.1	21.2	9.2	8.2	6.1	42.6	32.2
	1KC	2.8	2.9	24.0	39.1	32.0	21.5	15.6	7.5	5.7	3.0	23.5	23.2
	1LA1	1.9	1.4	9.3	21.6	22.6	16.7	10.1	9.5	6.6	3.6	17.4	10.8
	1LA2	2.3	2.0	4.7	13.8	12.5	12.0	6.7	3.7	3.1	2.3	2.4	9.7
	1LA3	1.3	1.6	7.7	20.2	22.4	13.6	7.5	3.3	2.0	1.2	1.3	7.0
	1LB1	2.2	1.9	13.8	28.8	28.2	24.9	13.0	10.3	7.5	4.0	21.3	16.7
	1LB2	0.0	0.0	2.2	12.2	12.9	12.1	5.2	1.1	0.2	0.0	0.3	3.9

Monthly Surface Water by Sub-basin

Year 2034 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	0.3	0.0	0.0	0.0	21.9	27.8	21.1	31.4	9.0	2.7	10.5	4.4
	2BB	0.5	0.0	0.0	0.0	35.2	44.6	33.9	50.4	14.5	4.3	16.8	7.1
	2BC	0.1	0.0	0.0	0.0	25.4	31.6	24.1	47.3	15.6	4.5	15.8	6.4
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	0.0	0.0	0.0	25.7	90.7	53.9	49.9	69.1	16.9	4.5	15.9	11.8
	2CC	0.2	0.0	0.0	0.0	68.1	63.2	44.7	68.2	18.0	3.1	25.7	15.4
	2D	0.0	0.0	0.0	0.0	0.2	1.4	0.7	4.4	0.3	0.0	0.0	0.1
	2EA	0.0	0.0	0.0	0.0	1.3	1.4	2.3	2.7	0.9	0.1	0.2	0.4
	2EB	0.0	0.0	0.0	0.0	2.2	2.4	3.9	4.5	1.5	0.2	0.4	0.7
	2EC	0.0	0.0	0.0	0.0	0.5	1.6	2.7	4.8	2.5	0.3	0.5	0.6
	2ED	0.0	0.0	0.0	0.0	3.7	5.4	7.1	9.3	4.4	0.5	1.0	1.3
	2EE	0.0	0.0	0.0	2.0	19.0	12.2	12.8	16.1	4.6	0.6	2.1	2.1
	2EF	0.0	0.0	0.0	0.0	3.4	5.0	6.5	8.6	4.1	0.4	0.9	1.2
	2EG1	0.0	0.0	0.0	0.0	1.5	2.6	2.9	4.2	1.6	0.3	0.3	0.4
	2EG2	0.0	0.0	0.0	0.0	5.0	8.8	9.7	13.9	5.2	0.9	1.0	1.3
	2EH	0.0	0.0	0.0	4.1	9.3	4.9	4.2	8.6	1.3	0.4	0.5	0.6
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.1	3.2	2.3	3.0	3.0	0.7	0.0	0.1	0.4
	2FA	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.2	0.4	0.6
	2FB	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.1	0.1
	2FC	0.0	0.0	0.0	0.0	0.2	1.6	2.7	3.4	1.7	0.4	0.8	1.1
	2GA	0.0	0.0	0.0	0.0	0.7	1.1	0.9	1.1	0.6	0.2	1.5	2.0
	2GB	0.1	0.0	0.0	0.6	4.8	4.9	3.3	3.8	2.1	1.4	7.7	5.8
	2GC	0.4	0.1	0.2	6.1	15.0	7.8	3.5	2.3	2.0	4.1	17.4	7.6
	2GD	0.6	0.2	0.3	8.6	21.1	11.0	5.0	3.2	2.8	5.8	24.6	10.8
	2H-1	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.1	0.1	3.2	17.5	38.9	21.5	10.3	5.5	2.8	0.8	7.8	9.7
	2KB	0.1	0.2	1.1	2.4	3.8	1.8	2.3	2.0	1.2	0.3	1.0	2.2
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.5	1.5	1.4	2.8	3.9	2.0	1.4	1.3	1.3	1.5	6.9	5.1
	3AB	0.1	0.1	0.1	0.2	0.6	0.2	0.1	0.1	0.1	0.1	3.1	3.3
	3AC	0.3	0.1	0.0	0.3	1.7	0.5	0.1	0.0	0.0	0.1	7.0	4.9
	3BA	0.5	0.5	0.4	1.3	2.4	0.8	0.4	0.3	0.3	0.6	4.6	2.9
	3BB	0.5	0.6	0.5	1.7	2.2	0.8	0.4	0.4	0.4	0.7	4.1	2.2
	3BC	2.6	2.3	2.3	5.9	10.2	4.1	2.9	2.4	2.3	2.4	14.2	7.1
	3BD	1.0	0.8	0.8	2.5	4.0	1.4	1.0	0.8	0.8	0.8	6.6	2.8
	3CB	2.4	2.3	2.3	3.3	5.5	3.0	2.5	2.3	2.2	2.4	9.2	4.9
	3DA	0.6	1.2	1.5	1.6	2.7	0.7	1.4	1.5	1.6	1.3	10.8	6.6
	3DB	0.4	0.0	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.0	3.5	10.7
	3EA	0.5	0.1	0.1	0.2	0.5	0.1	0.0	0.0	0.0	0.0	13.0	9.8
	3EB	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	10.0
	3EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	8.3
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
	3FA	1.6	1.0	1.1	0.0	1.8	1.5	1.1	1.1	1.1	0.9	0.0	11.6
	3FB	0.1	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	30.9
	3G	0.4	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.3	0.2	0.5	52.5	0.8	8.5	0.1	0.1	0.2	2.0	2.3
	3LA	0.0	0.0	0.0	0.0	1.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1
	3LB	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
	3MA-2	0.0	0.0	0.0	0.0	6.5	0.2	0.6	0.0	0.0	0.0	0.0	0.1
	3MB	0.0	0.0	0.0	0.0	13.4	0.0	1.7	0.0	0.0	0.0	0.0	0.1
	3MC	0.0	0.0	0.0	0.0	8.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	23.2	0.8	3.0	0.0	0.0	0.0	0.0	0.9
	3MD2	0.0	0.0	0.0	0.0	2.8	0.1	0.5	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2034 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.4	1.2	1.1	5.0	14.4	2.1	1.4	1.2	1.1	1.2	13.2	4.0
	4AB	1.3	1.2	1.1	4.4	17.1	3.5	2.2	1.5	1.2	1.3	12.0	4.8
	4AC	0.0	0.0	0.0	3.2	13.8	2.5	0.9	0.2	0.0	0.7	10.1	3.5
	4AD	0.9	0.5	0.5	7.6	19.4	4.1	2.1	1.1	0.8	2.0	17.5	5.7
	4BA	0.7	0.6	0.6	3.5	8.5	1.5	0.8	0.6	0.6	0.6	9.2	2.5
	4BB	2.3	2.1	2.0	10.0	15.0	3.8	3.0	2.3	2.2	3.7	16.7	5.5
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	3.5	3.1	3.0	16.1	24.8	6.0	4.5	3.4	3.2	5.6	28.2	9.0
	4BE	2.3	1.6	1.5	12.6	20.5	4.9	3.0	2.1	1.8	3.6	26.2	8.4
	4BF	0.0	0.0	0.0	3.1	3.2	0.1	0.0	0.0	0.0	0.0	9.3	1.7
	4BG	0.0	0.0	0.0	0.0	3.8	0.9	0.0	0.0	0.0	0.0	7.0	3.1
	4CA	1.0	0.4	0.4	9.4	15.7	3.8	2.3	1.3	0.9	3.0	20.4	6.6
	4CB	0.2	0.0	0.0	5.3	8.7	1.3	0.5	0.1	0.0	1.0	12.7	3.6
	4CC	0.1	0.0	0.0	1.7	2.8	0.4	0.2	0.0	0.0	0.3	4.1	1.1
	4DA	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	2.9	0.0
	4DB	4.0	3.5	3.4	21.1	23.1	5.2	3.9	3.5	3.4	5.5	44.8	11.2
	4DC	1.7	1.4	1.3	10.0	9.7	2.3	1.6	1.4	1.3	3.4	20.3	5.3
	4DD	0.1	0.1	0.1	0.0	1.5	0.4	0.1	0.1	0.1	0.0	5.3	2.9
	4DE	0.1	0.0	0.0	0.0	3.0	1.4	0.0	0.0	0.0	0.0	5.5	5.0
	4EA	8.0	5.9	5.6	18.2	19.3	7.8	5.9	5.6	5.4	15.4	94.0	37.6
	4EB	6.0	5.0	4.9	36.7	27.0	6.3	5.2	4.9	4.8	22.2	96.5	34.9
	4EC	0.0	0.0	0.0	7.7	6.3	0.3	0.0	0.0	0.0	1.0	36.0	10.6
	4ED	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	115.3	100.8
	4FA	13.4	10.3	9.8	16.9	29.3	11.8	9.9	9.5	9.4	20.8	204.8	92.0
	4FB	4.0	0.6	0.0	0.0	9.7	2.7	0.3	0.0	0.0	0.8	155.2	49.5
	4GA	5.7	3.8	3.5	0.0	6.5	4.6	3.6	3.5	3.5	0.9	192.9	58.3
	4GB	1.5	0.2	0.0	0.0	4.9	1.7	0.2	0.1	0.1	0.0	137.5	51.2
	4GC	0.9	0.1	0.0	0.0	5.1	1.7	0.1	0.0	0.0	0.0	0.0	5.0
	4GD	1.9	0.3	0.1	0.0	10.5	3.4	0.5	0.2	0.2	0.0	3.9	14.7
	4GE	1.2	0.1	0.0	0.0	7.3	2.3	0.3	0.0	0.1	0.0	0.0	9.3
	4GF	3.6	0.6	0.2	0.0	19.0	6.1	1.0	0.3	0.4	0.0	0.0	126.8
	4GG	3.1	0.1	0.0	0.0	16.5	6.1	0.6	0.0	0.0	0.0	0.0	10.6
	4HA	1.6	0.7	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.4	4.7	60.7
	4HB	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	9.8
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	7.1
	4JB	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.8
	4KA	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	4.5
	4KB	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	7.6
ENNCA	5AA	0.3	0.2	0.2	0.4	5.8	2.2	3.3	3.8	1.2	0.3	1.0	1.7
	5AB	0.1	0.1	0.1	0.1	2.1	0.8	1.0	1.1	0.3	0.1	0.3	0.6
	5AC	0.0	0.0	0.0	0.0	2.4	0.7	0.6	0.8	0.3	0.0	0.1	0.8
	5AD	0.0	0.0	0.0	0.1	1.4	0.3	0.2	0.2	0.1	0.1	0.1	0.2
	5BA	0.2	0.1	0.1	0.4	4.7	0.9	0.2	0.1	0.1	0.1	2.6	1.0
	5BB	0.3	0.2	0.2	1.5	8.9	1.9	0.6	0.3	0.3	0.3	5.3	1.9
	5BC-1	0.8	0.6	0.6	1.3	19.9	3.3	1.3	1.1	0.8	0.6	10.0	4.2
	5BC-2	0.1	0.1	0.1	0.1	1.9	0.3	0.1	0.1	0.1	0.1	1.0	0.4
	5BD	0.4	0.4	0.4	0.5	3.7	1.3	0.9	0.9	0.6	0.4	0.8	1.1
	5BE	0.6	0.2	0.2	3.2	15.0	1.7	0.3	0.2	0.2	1.4	27.0	8.8
	5CA	0.1	0.1	0.1	0.2	5.4	4.7	2.3	2.7	0.8	0.2	1.0	2.6
	5CB	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.4
	5CC	0.0	0.0	0.0	0.0	0.5	0.6	0.3	0.2	0.1	0.0	0.6	0.9
	5DA	2.0	0.6	0.2	5.9	7.6	1.3	0.4	0.2	0.2	6.2	85.5	36.0
	5DB	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	3.9	4.9
	5DC	0.1	0.0	0.0	0.0	0.7	0.6	0.2	0.2	0.2	0.0	0.3	0.7
	5DD	0.1	0.0	0.0	0.0	0.5	0.6	0.1	0.2	0.2	0.0	0.2	1.2
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325.0	170.2
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	6.8

Monthly Surface Water by Sub-basin

Year 2035 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.3	0.8	2.2	1.4	1.1	1.2	2.3	1.5	1.6	0.7
	1AB	1.0	0.8	0.8	1.4	3.9	3.0	2.7	3.2	4.8	3.2	3.6	1.6
	1AC	0.0	0.0	0.0	0.0	0.4	0.5	0.3	0.3	0.6	0.4	0.5	0.2
	1AD	0.5	0.4	0.4	1.5	3.3	2.3	1.5	1.0	1.9	2.1	2.3	1.1
	1AE	0.3	0.2	0.3	1.0	1.5	0.9	0.6	0.4	0.8	0.9	1.0	0.5
	1AF	0.8	0.6	0.7	1.6	3.2	2.2	1.7	1.2	2.1	2.3	2.7	1.3
	1AG	0.4	0.2	0.4	1.2	2.6	1.7	1.3	0.8	1.4	1.8	2.2	1.0
	1AH	0.2	0.1	0.3	2.4	3.0	1.3	0.8	0.4	1.5	2.1	2.1	0.6
	1BA	0.5	0.3	0.3	0.8	2.1	1.0	2.1	2.2	3.0	2.4	2.9	1.2
	1BB	2.1	1.7	1.7	3.0	6.9	4.0	9.3	8.4	9.9	8.7	10.2	3.9
	1BC	1.2	0.9	0.9	0.8	2.5	3.1	7.4	6.2	6.8	6.0	6.3	2.5
	1BD	2.1	1.9	1.9	1.8	3.4	3.0	3.4	4.6	5.6	3.9	3.9	2.6
	1BE	1.8	1.1	1.1	0.9	4.1	5.4	11.7	12.5	12.2	10.4	11.2	4.4
	1BG	2.6	2.2	2.3	2.3	6.5	7.0	9.6	10.9	12.9	9.1	8.7	4.0
	1BH	1.7	1.4	1.4	1.7	4.9	4.8	5.4	6.6	8.6	5.7	5.6	2.6
	1CA	2.0	1.8	1.9	2.1	4.6	2.9	3.3	4.1	5.0	3.1	3.3	2.6
	1CB	1.6	1.4	1.8	2.4	6.1	3.2	4.2	5.2	6.2	3.1	3.6	2.7
	1CC	3.3	3.1	3.7	5.0	8.3	5.2	6.9	6.9	8.1	5.1	6.0	4.4
	1CD	5.4	4.9	5.3	6.8	16.5	11.3	13.1	15.0	17.0	9.9	11.0	7.9
	1CE	1.5	1.4	1.4	1.4	3.6	3.7	3.5	4.1	4.8	2.7	2.7	1.9
	1DA	2.7	2.5	2.5	3.7	7.8	8.3	7.0	6.7	8.2	5.2	6.5	4.0
	1DB	4.2	3.8	3.8	4.8	9.7	8.5	8.5	9.5	11.9	8.7	9.5	5.6
	1DC	2.0	1.7	1.8	1.9	4.5	4.0	3.7	3.2	4.2	3.7	4.3	3.0
	1DD	2.1	1.9	2.1	2.5	4.9	3.9	3.6	2.9	3.7	3.9	4.7	3.2
	1EA	4.7	4.4	5.2	8.5	11.4	11.6	11.3	8.4	10.1	8.4	10.6	6.7
	1EB	3.9	3.7	4.4	6.5	7.9	7.6	7.6	5.6	6.6	6.5	8.1	5.3
	1EC	2.4	2.3	2.4	3.3	4.7	4.8	4.5	3.6	4.2	3.9	4.5	3.2
	1ED	0.9	0.8	0.9	1.5	2.2	1.7	1.7	1.2	1.5	1.8	2.1	1.4
	1EE	0.6	0.6	0.6	2.0	5.0	2.4	1.5	0.7	1.7	3.7	4.8	2.2
	1EF	0.0	0.0	0.0	1.6	6.3	1.6	0.0	0.0	0.5	2.9	4.0	1.5
	1EG	1.0	0.9	1.5	5.6	7.2	4.2	3.6	1.7	2.8	5.8	7.8	3.7
	1FA	0.3	0.2	0.8	1.3	2.1	1.4	1.9	1.7	2.3	1.2	1.6	0.7
	1FB	2.2	2.0	3.3	5.2	7.6	6.1	7.3	6.5	7.1	5.3	6.1	3.7
	1FC	1.5	1.3	1.8	2.6	4.5	3.3	3.8	3.3	3.8	3.1	3.5	2.4
	1FD	2.0	1.8	3.3	4.7	7.2	5.2	5.8	5.1	6.4	4.9	5.7	3.2
	1FE	3.2	2.8	4.7	9.2	14.0	10.1	10.7	6.9	8.2	9.4	12.1	6.6
	1FF	0.1	0.0	0.3	2.7	3.6	2.3	2.2	0.8	0.9	2.3	4.0	1.3
	1FG	0.0	0.0	0.0	10.1	12.7	2.7	1.0	0.0	0.6	5.9	9.4	2.7
LVSCA	1GA	1.1	0.9	3.7	4.9	7.8	4.7	6.1	4.8	6.9	5.7	6.3	2.3
	1GB	0.6	0.5	1.8	7.8	9.3	3.6	4.0	4.1	5.3	7.8	5.7	1.8
	1GC	2.7	2.6	8.3	9.8	15.4	11.1	11.1	8.5	12.5	12.7	12.1	5.4
	1GD	0.0	0.0	0.0	2.7	6.0	2.2	0.5	0.1	1.4	6.6	3.4	0.0
	1GE	0.0	0.0	0.0	1.7	4.6	2.9	0.4	0.0	0.2	8.8	3.8	0.5
	1GF	0.0	0.0	0.0	2.9	8.3	3.3	0.3	0.0	0.0	5.6	3.6	0.0
	1GG	0.5	0.5	3.8	4.6	6.7	4.6	4.2	3.3	5.4	5.6	5.1	1.6
	1HA1	0.8	0.7	1.4	4.9	8.3	3.1	2.4	1.7	1.8	4.8	4.7	1.6
	1HA2	0.0	0.0	0.0	1.1	2.4	0.4	0.0	0.0	0.0	2.4	0.4	0.1
	1HB1	0.3	0.0	0.1	4.0	5.4	2.2	1.3	0.3	0.2	1.5	4.1	2.2
	1HB2	0.2	0.1	0.3	2.4	4.5	1.8	1.1	0.4	0.2	1.9	2.8	0.9
	1HC	0.2	0.0	0.0	2.3	7.1	2.7	1.2	0.2	0.0	0.1	2.5	2.6
	1HD	1.2	0.4	4.9	6.7	13.3	12.4	8.3	2.0	1.1	4.4	10.1	4.5
	1HE	0.9	0.2	2.5	6.0	9.8	7.5	5.8	1.3	0.2	0.9	7.4	3.6
	1HF	1.1	0.0	0.2	2.4	8.2	5.5	2.0	0.2	0.0	0.0	0.2	1.0
	1HG	0.3	0.0	0.4	3.2	4.5	1.5	0.4	0.0	0.0	0.0	1.6	1.2
	1JA	4.2	4.8	13.3	14.3	21.5	16.2	13.8	7.9	11.3	13.1	15.6	9.0
	1JB	0.8	1.0	3.4	3.6	6.1	4.8	3.6	1.5	2.3	3.8	4.9	2.4
	1JC	2.1	2.3	5.9	6.3	8.8	7.6	5.9	3.8	5.5	7.3	8.0	4.3
	1JD	2.1	2.2	4.1	4.3	8.9	9.1	6.6	2.8	3.5	5.4	9.2	4.8
	1JE	1.9	2.6	8.5	7.6	10.1	7.5	6.8	2.3	2.8	4.0	7.2	3.6
	1JF	5.7	6.2	19.7	20.8	34.3	29.9	23.6	8.1	9.9	13.8	22.3	12.6
	1JG1	0.6	0.4	2.8	3.7	8.3	7.8	5.6	1.5	1.3	3.5	7.0	2.9
	1JG2	0.3	0.1	0.2	0.5	2.5	1.7	1.2	0.3	0.0	0.9	1.8	0.6
	1KA	0.9	0.7	4.1	3.5	5.5	4.8	4.2	0.9	0.8	1.5	5.4	2.4
	1KB	6.4	6.4	24.1	21.5	38.0	25.5	23.9	5.9	5.9	9.7	30.0	12.3
	1KC	8.0	8.7	23.6	17.3	27.2	12.4	13.1	5.9	4.7	9.1	23.9	10.2
	1LA1	2.9	3.0	14.4	16.0	25.3	12.4	11.4	4.8	6.8	8.2	11.4	6.3
	1LA2	4.2	4.2	11.5	4.5	11.5	5.1	5.3	3.1	2.5	2.7	4.4	2.9
	1LA3	4.0	5.1	24.2	8.9	22.7	6.3	3.4	2.1	1.8	2.0	3.2	2.3
	1LB1	4.8	4.8	22.2	23.7	44.8	17.3	15.6	6.5	8.1	8.8	12.5	7.6
	1LB2	1.8	2.7	20.8	7.7	20.4	4.2	1.8	0.3	0.2	0.3	0.7	0.3

Monthly Surface Water by Sub-basin

Year 2035 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.1	0.4	0.1	0.0	0.9	2.1	13.8	10.9	11.6	12.3	14.2	3.0
	2BB	1.8	0.7	0.1	0.0	1.4	3.3	22.3	17.6	18.7	19.8	22.8	4.9
	2BC	1.0	0.1	0.0	0.0	2.0	5.7	20.5	15.6	13.9	13.9	15.5	4.1
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	2.3	0.9	0.7	1.8	14.7	3.4	16.2	11.0	35.1	8.1	17.0	7.2
	2CC	1.7	0.0	0.0	0.0	0.2	0.6	7.4	10.7	22.7	16.5	24.2	6.7
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.1	0.0	0.1	0.1	0.4	0.2	0.4	0.3	0.7	0.9	2.9	0.8
	2EB	0.1	0.0	0.1	0.1	0.7	0.3	0.7	0.5	1.2	1.4	4.9	1.3
	2EC	0.0	0.0	0.1	0.3	2.6	1.4	2.0	1.3	3.5	3.0	5.0	1.6
	2ED	0.1	0.0	0.2	0.5	3.2	1.8	3.5	2.5	4.7	3.3	4.5	1.4
	2EE	0.1	0.0	0.5	1.2	4.8	1.7	4.8	2.9	6.3	2.8	4.5	1.3
	2EF	0.1	0.0	0.1	0.5	2.9	1.7	3.2	2.3	4.3	3.0	4.2	1.3
	2EG1	0.0	0.0	0.1	0.3	1.7	0.6	1.2	0.7	2.0	1.5	2.0	0.5
	2EG2	0.1	0.0	0.2	1.0	5.8	2.0	4.0	2.4	6.7	4.9	6.8	1.8
	2EH	0.1	0.0	0.0	0.0	0.0	0.0	0.9	0.5	3.0	0.7	1.2	0.8
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.1	0.3
	2FA	0.1	0.0	0.0	0.1	0.7	0.5	0.8	0.3	0.7	0.7	2.4	1.3
	2FB	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.1	0.2	0.2	0.6	0.3
	2FC	0.1	0.0	0.1	0.2	1.6	1.2	2.2	0.9	3.3	3.6	5.2	2.1
	2GA	0.3	0.0	0.3	0.5	0.9	0.6	1.3	0.3	0.5	0.5	2.2	1.0
	2GB	0.8	0.2	1.6	2.2	4.3	2.7	5.3	1.4	2.2	3.6	12.3	3.9
	2GC	1.1	0.5	4.7	4.1	8.0	4.9	6.3	1.4	1.7	2.0	9.7	4.7
	2GD	1.6	0.7	6.6	5.8	11.3	7.0	9.0	2.0	2.4	2.8	13.7	6.7
	2H-1	0.0	0.0	0.1	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.3	0.4	4.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0
	2H-3	0.1	0.1	0.4	0.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	2.3	1.7	15.4	14.0	44.0	11.4	7.5	2.5	3.1	4.2	7.2	4.2
	2KB	0.9	0.6	2.7	2.0	3.5	1.8	2.0	1.1	1.0	1.1	1.8	1.2
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.2	1.9	4.1	3.6	7.8	2.5	1.5	1.3	1.3	1.3	1.7	1.8
	3AB	1.0	0.4	1.9	1.5	2.6	0.6	0.1	0.1	0.1	0.1	0.1	0.1
	3AC	1.1	0.4	1.4	1.9	2.6	0.7	0.1	0.0	0.0	0.0	0.3	0.5
	3BA	0.9	0.8	1.6	2.0	3.2	0.8	0.3	0.3	0.3	0.3	0.9	0.9
	3BB	0.8	0.8	1.7	1.9	3.1	0.8	0.4	0.3	0.3	0.4	1.0	0.9
	3BC	3.3	2.8	5.3	7.3	10.8	4.1	2.7	2.3	2.2	2.2	2.8	4.2
	3BD	1.2	0.9	1.9	3.1	4.3	1.4	0.9	0.8	0.8	0.8	1.0	2.0
	3CB	2.5	2.5	3.0	4.1	5.4	3.0	2.4	2.3	2.2	2.3	2.6	3.3
	3DA	0.9	0.2	0.3	0.9	1.3	1.0	1.5	1.6	1.6	1.4	1.0	0.9
	3DB	1.4	0.1	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2
	3EA	1.8	0.5	1.5	1.2	0.8	0.1	0.0	0.0	0.0	0.0	0.1	0.6
	3EB	1.5	0.2	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	1.4	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	3.0	1.3	0.8	1.1	1.2	1.5	1.1	1.1	1.1	1.0	1.0	1.0
	3FB	4.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3G	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.6	0.4	1.2	1.0	2.9	0.7	0.2	0.1	0.1	0.1	0.3	0.2
	3LA	0.0	0.0	0.0	0.0	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	5.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2035 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.8	2.1	3.1	4.4	11.8	2.0	1.3	1.2	1.1	3.2	7.2	4.4
	4AB	2.6	2.8	4.1	3.2	11.9	2.9	1.8	1.3	1.2	1.7	7.3	4.3
	4AC	1.1	1.0	2.6	1.8	9.5	2.0	0.9	0.0	0.0	0.2	4.6	2.5
	4AD	2.0	2.1	4.4	4.4	14.2	3.3	2.2	0.8	0.7	0.8	6.4	4.4
	4BA	1.0	1.0	1.3	3.5	8.5	1.5	0.7	0.6	0.6	0.4	2.0	2.1
	4BB	2.8	3.1	4.7	7.2	13.4	3.9	2.8	2.2	2.1	2.1	5.9	4.9
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	4.3	4.8	7.4	11.7	22.7	6.2	4.3	3.3	3.1	3.0	9.3	7.8
	4BE	3.1	2.6	4.9	9.6	20.0	5.4	2.8	1.9	1.6	1.2	6.1	6.3
	4BF	0.0	0.0	0.1	3.0	4.4	0.1	0.0	0.0	0.0	0.0	0.3	1.3
	4BG	0.1	0.0	0.0	0.0	4.6	0.8	0.0	0.0	0.0	0.0	0.0	0.2
	4CA	1.8	1.2	4.8	6.7	11.4	3.8	2.5	1.0	0.7	0.6	4.7	4.5
	4CB	0.6	0.3	2.0	4.5	7.4	1.5	0.5	0.0	0.0	0.0	2.1	2.8
	4CC	0.2	0.1	0.6	1.5	2.4	0.5	0.1	0.0	0.0	0.0	0.7	0.9
	4DA	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	4.4	4.1	6.4	17.5	28.4	5.1	3.9	3.7	3.7	4.2	14.2	15.5
	4DC	1.9	1.7	3.2	6.5	12.4	2.2	1.5	1.5	1.4	2.0	8.5	6.7
	4DD	0.4	0.1	0.1	0.0	1.9	0.3	0.1	0.1	0.1	0.0	0.3	0.7
	4DE	0.6	0.0	0.0	0.0	1.7	0.9	0.1	0.0	0.0	0.0	0.0	0.1
	4EA	9.2	6.7	8.8	34.3	51.3	8.9	6.4	6.1	6.0	6.8	29.3	28.0
	4EB	7.1	5.9	14.5	33.6	77.2	7.7	5.7	5.5	5.4	8.4	37.4	31.7
	4EC	0.3	0.0	0.4	5.0	16.9	0.5	0.0	0.0	0.0	0.0	6.3	7.6
	4ED	5.0	0.0	0.0	4.7	31.5	0.0	0.0	0.0	0.0	0.0	3.4	23.7
	4FA	16.1	11.3	13.1	60.7	89.9	13.3	10.9	10.5	10.3	13.6	47.5	54.2
	4FB	5.4	1.1	0.9	23.6	44.9	3.7	0.5	0.1	0.0	0.0	18.6	28.7
	4GA	9.8	4.8	4.6	20.1	38.7	7.5	4.4	3.9	3.6	2.2	12.6	26.5
	4GB	7.4	1.1	0.0	0.0	12.6	2.5	0.4	0.2	0.1	0.0	0.0	3.7
	4GC	1.7	0.0	0.0	0.0	3.5	1.6	0.2	0.0	0.0	0.0	0.0	0.0
	4GD	3.6	0.0	0.0	0.0	5.1	3.3	0.5	0.3	0.1	0.0	0.0	0.1
	4GE	2.4	0.0	0.0	0.0	3.7	2.1	0.3	0.1	0.0	0.0	0.0	0.0
	4GF	15.2	1.6	0.0	0.0	6.6	5.6	1.0	0.4	0.2	0.1	0.0	0.1
	4GG	9.2	0.3	0.0	0.0	2.6	5.0	0.3	0.0	0.0	0.0	0.0	0.0
	4HA	10.6	3.4	1.4	1.0	0.7	0.3	0.2	0.1	0.1	0.1	1.0	2.0
	4HB	4.7	0.8	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.0	0.0	0.0	0.0	4.3
	4JB	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	1.7
	4KA	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	2.7
	4KB	0.0	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	0.0	4.6
ENNCA	5AA	0.3	0.3	0.8	0.5	2.1	0.5	1.5	1.0	1.7	1.8	8.0	1.7
	5AB	0.1	0.1	0.2	0.1	1.0	0.2	0.5	0.2	0.2	1.4	3.6	0.5
	5AC	0.0	0.0	0.0	0.0	0.9	0.1	0.1	0.1	0.1	0.4	3.0	1.0
	5AD	0.1	0.1	0.0	0.0	0.4	0.1	0.1	0.1	0.0	0.3	2.6	0.6
	5BA	0.3	0.3	0.6	0.3	2.3	0.5	0.2	0.1	0.1	0.6	3.2	0.9
	5BB	0.5	0.5	1.4	0.8	5.1	0.7	0.6	0.3	0.3	3.0	6.9	1.8
	5BC-1	1.0	0.8	1.5	1.2	13.2	1.5	1.2	0.7	0.7	8.7	21.5	4.0
	5BC-2	0.1	0.1	0.1	0.1	1.3	0.1	0.1	0.1	0.1	0.9	2.1	0.4
	5BD	0.4	0.4	0.5	0.5	1.7	0.6	0.9	0.5	0.4	1.8	6.9	1.3
	5BE	0.7	1.2	4.5	8.8	18.9	0.7	0.3	0.2	0.2	12.5	14.7	8.8
	5CA	0.3	0.2	0.2	0.1	0.3	0.2	0.1	0.1	0.2	0.4	2.8	1.1
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2
	5CC	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	3.7	1.4	2.5	23.4	20.2	1.8	0.6	0.2	0.1	9.9	27.2	24.4
	5DB	0.6	0.3	0.5	0.5	2.1	0.2	0.0	0.0	0.0	0.5	3.8	3.4
	5DC	0.2	0.0	0.2	0.0	0.7	0.3	0.1	0.1	0.1	0.0	2.2	0.6
	5DD	0.1	0.0	0.1	0.0	0.4	0.3	0.0	0.0	0.0	0.0	1.9	0.6
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	30.4	2.6	0.0	18.5	48.5	0.3	0.0	0.0	0.0	0.0	28.5	32.1
	5FA	21.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2036 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.5	0.7	3.3	3.6	2.5	1.7	1.2	3.3	2.6	1.6	1.1
	1AB	1.0	1.2	1.5	6.2	6.9	5.0	3.4	3.2	6.1	4.4	3.0	2.2
	1AC	0.0	0.0	0.1	1.4	1.9	1.1	0.6	0.3	1.1	1.0	0.6	0.4
	1AD	0.5	0.8	1.1	4.9	4.9	3.0	2.0	1.2	3.5	3.7	2.1	1.6
	1AE	0.3	0.4	0.5	1.4	1.5	1.2	0.8	0.5	1.1	1.3	0.9	0.6
	1AF	0.8	1.2	1.6	5.6	5.7	3.5	2.3	1.4	4.1	4.2	2.6	1.9
	1AG	0.4	0.8	1.1	5.1	4.6	2.8	1.6	0.9	3.3	3.7	2.0	1.6
	1AH	0.3	0.6	1.3	4.0	3.4	2.2	1.4	0.5	3.0	3.3	1.7	1.0
	1BA	0.7	0.5	0.7	2.2	1.3	5.3	4.9	3.5	3.4	1.0	1.1	1.1
	1BB	2.5	2.2	2.5	6.2	5.1	15.4	13.0	11.0	12.3	3.6	4.2	3.8
	1BC	1.4	1.1	0.9	1.8	3.7	5.0	3.5	4.6	7.9	3.7	2.8	2.4
	1BD	2.1	2.0	1.8	2.6	3.0	3.8	4.1	4.8	5.5	3.3	2.4	2.2
	1BE	2.0	1.4	1.1	2.9	7.5	8.0	5.1	6.3	13.3	7.4	4.4	3.4
	1BG	2.7	2.5	2.3	4.8	7.5	7.3	6.0	9.1	11.4	6.9	4.9	3.5
	1BH	1.6	1.6	1.7	5.1	6.7	6.1	4.6	5.6	8.4	5.5	3.8	2.6
	1CA	2.1	2.0	2.2	3.8	2.8	4.9	6.0	5.3	4.8	2.7	2.1	2.0
	1CB	1.8	1.8	2.2	4.7	3.0	6.1	7.3	6.5	5.9	2.6	1.8	1.9
	1CC	3.6	3.6	4.3	7.1	5.3	8.1	9.0	9.1	7.8	4.3	3.8	4.4
	1CD	5.8	5.8	6.5	13.0	9.9	15.6	18.2	16.4	15.6	8.5	6.4	6.1
	1CE	1.5	1.5	1.4	2.3	2.3	2.6	2.5	2.6	3.4	2.6	2.0	1.6
	1DA	2.7	3.3	3.2	8.6	8.4	6.8	5.1	4.2	7.4	6.4	4.2	3.7
	1DB	4.2	4.7	5.1	12.9	14.7	11.9	8.7	8.8	13.1	10.6	7.7	6.3
	1DC	1.9	2.4	2.3	7.2	7.6	5.6	3.6	2.7	5.5	5.9	3.6	3.4
	1DD	2.2	2.8	2.9	8.7	8.6	6.0	3.8	2.7	6.1	7.0	4.2	4.0
	1EA	5.0	6.2	6.6	13.6	11.2	9.7	7.8	6.9	10.3	8.5	6.4	6.5
	1EB	4.1	5.2	5.4	11.3	9.3	7.6	5.5	4.6	8.2	7.8	5.4	5.6
	1EC	2.5	2.9	2.9	6.3	5.5	4.4	3.4	2.9	4.7	4.6	3.2	3.1
	1ED	1.0	1.2	1.3	3.5	2.8	2.1	1.4	1.1	2.6	2.7	1.5	1.6
	1EE	0.9	0.9	1.3	8.1	6.0	4.3	1.7	0.5	5.7	7.9	3.0	3.5
	1EF	0.0	0.0	1.0	8.4	6.2	4.4	0.8	0.0	3.7	8.3	2.3	3.0
	1EG	1.9	2.2	3.2	14.2	9.5	6.9	3.3	1.6	7.8	12.6	5.7	5.8
	1FA	0.4	0.4	0.9	1.8	1.5	2.0	2.3	3.1	2.3	0.8	0.9	1.0
	1FB	2.6	3.3	4.6	8.2	6.8	7.1	7.0	7.1	7.6	4.5	4.3	4.1
	1FC	1.7	2.0	2.4	4.9	4.1	3.8	3.4	3.3	4.3	2.7	2.5	2.9
	1FD	2.6	2.9	4.0	7.8	6.5	5.8	6.2	6.9	7.3	4.0	4.7	4.9
	1FE	4.1	5.9	7.7	18.7	14.2	11.9	7.9	5.7	11.0	10.3	6.5	8.0
	1FF	0.4	0.9	2.3	7.9	5.3	3.8	1.5	0.4	1.9	2.9	1.6	2.1
	1FG	0.1	0.2	7.3	23.7	14.1	11.1	1.9	0.0	5.5	12.3	5.6	6.4
LVSCA	1GA	1.5	2.8	3.6	9.3	5.8	5.9	6.9	9.4	7.6	2.7	3.2	4.3
	1GB	2.1	4.2	6.8	15.7	7.7	6.1	8.1	5.9	8.4	3.5	6.5	3.8
	1GC	4.0	7.3	6.4	17.5	9.7	9.7	13.1	12.8	14.7	6.9	5.8	8.2
	1GD	0.0	4.2	4.1	13.8	5.1	4.9	4.4	0.8	3.2	0.4	4.8	2.7
	1GE	1.0	4.9	7.0	17.6	7.7	5.3	5.0	0.2	2.1	0.9	7.7	3.1
	1GF	0.2	4.2	7.4	15.6	6.0	2.4	2.6	0.0	0.0	0.0	4.3	2.6
	1GG	1.0	4.0	3.0	8.9	4.4	4.7	5.8	5.4	6.1	2.1	2.5	3.6
	1HA1	1.5	2.7	6.6	10.7	7.5	4.8	3.6	1.8	3.4	2.3	4.6	3.8
	1HA2	0.1	0.4	2.3	8.5	2.1	0.6	0.7	0.1	0.2	0.1	1.8	1.7
	1HB1	0.8	0.8	3.0	10.3	6.8	5.0	1.8	0.4	0.9	4.2	2.8	3.7
	1HB2	0.5	1.0	2.9	7.3	4.2	3.5	1.4	0.4	0.6	1.0	1.4	1.9
	1HC	0.7	0.4	1.6	11.7	8.8	6.6	2.2	0.3	0.3	3.9	2.7	3.7
	1HD	3.5	9.0	10.1	23.0	15.8	9.6	7.1	2.2	7.6	6.6	7.0	8.9
	1HE	1.3	3.3	6.6	12.8	14.1	6.4	4.0	1.0	7.5	7.3	5.7	6.1
	1HF	0.2	0.1	0.7	2.6	10.7	6.0	1.6	0.0	0.9	3.8	3.4	4.1
	1HG	0.2	0.3	1.0	3.3	6.2	1.7	0.5	0.0	1.3	2.5	1.7	1.6
	1JA	9.0	15.8	15.0	31.5	13.2	11.5	13.2	10.2	14.7	9.1	7.6	12.2
	1JB	2.4	5.2	4.6	9.7	3.8	2.7	3.0	1.9	3.1	2.2	2.1	3.3
	1JC	4.0	7.6	6.6	12.4	6.3	5.2	6.2	4.4	6.4	4.6	4.4	5.9
	1JD	4.3	7.4	8.3	18.6	7.8	5.1	4.9	3.0	4.2	3.5	3.4	5.4
	1JE	6.6	13.0	8.5	16.4	6.7	4.6	6.2	3.6	9.4	5.8	3.7	6.6
	1JF	14.9	26.4	26.4	55.3	22.7	14.8	17.2	10.6	21.3	13.6	9.5	15.6
	1JG1	3.1	6.2	7.2	16.4	7.1	4.2	3.8	1.5	4.0	3.0	2.7	4.9
	1JG2	0.5	0.8	1.8	4.4	2.4	1.4	0.8	0.1	0.8	0.5	0.6	1.7
	1KA	1.5	4.8	4.0	7.3	9.0	3.8	2.7	1.4	6.5	5.9	3.9	4.5
	1KB	12.7	40.1	31.6	62.2	50.2	20.2	14.6	6.7	32.3	27.6	15.7	25.8
	1KC	14.8	54.7	34.0	59.9	29.8	16.3	11.2	6.2	23.9	20.1	10.2	20.4
	1LA1	9.2	19.3	17.3	37.6	11.4	10.1	13.3	9.3	16.7	9.8	5.8	12.8
	1LA2	6.3	17.6	11.6	25.8	9.6	6.7	6.4	3.1	9.3	6.6	2.7	5.8
	1LA3	4.7	39.5	32.0	81.7	19.0	14.6	16.0	6.8	15.5	10.7	4.2	9.2
	1LB1	12.9	29.9	27.1	71.7	15.9	13.7	18.8	12.3	23.0	12.8	6.7	16.4
	1LB2	2.4	34.3	25.9	64.4	14.8	10.4	14.3	4.3	12.9	8.0	1.7	5.7

Monthly Surface Water by Sub-basin

Year 2036 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.3	0.6	0.1	0.0	1.0	10.3	8.4	10.1	21.9	5.3	7.6	5.2
	2BB	2.0	0.9	0.2	0.0	1.6	16.6	13.4	16.2	35.2	8.4	12.2	8.3
	2BC	1.3	0.3	0.1	1.6	8.6	11.2	6.4	12.0	28.9	11.5	9.6	7.6
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	2.9	2.2	2.5	11.2	3.3	35.6	66.3	62.4	39.0	6.8	3.4	3.8
	2CC	2.2	0.5	0.0	2.3	1.8	23.9	41.2	41.9	48.6	7.7	7.5	4.7
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.0	0.0	0.0
	2EA	0.2	0.0	0.0	0.0	0.0	0.2	2.2	3.5	2.9	0.6	0.2	0.3
	2EB	0.3	0.0	0.0	0.0	0.0	0.3	3.7	5.8	4.9	1.0	0.4	0.5
	2EC	0.5	0.1	0.0	0.3	0.2	0.7	2.1	2.9	4.5	1.9	0.7	1.1
	2ED	0.5	0.1	0.0	0.4	0.4	1.0	3.5	6.3	7.8	2.6	0.7	1.6
	2EE	0.5	0.1	0.0	0.9	0.9	3.4	9.7	14.6	10.2	2.1	0.5	2.0
	2EF	0.4	0.1	0.0	0.4	0.3	1.0	3.2	5.8	7.2	2.4	0.6	1.4
	2EG1	0.1	0.0	0.0	0.2	0.2	0.5	1.6	2.4	3.1	0.9	0.3	0.5
	2EG2	0.4	0.1	0.0	0.8	0.6	1.6	5.3	8.0	10.3	3.1	0.9	1.7
	2EH	0.4	0.2	0.1	0.1	0.1	0.8	5.8	7.4	3.0	0.7	0.3	0.1
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.1	0.0	0.0	0.0	0.0	0.2	3.3	4.7	2.9	0.3	0.1	0.0
	2FA	0.4	0.1	0.0	0.1	0.1	0.6	1.2	1.3	2.0	1.1	0.6	0.8
	2FB	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.5	0.3	0.2	0.2
	2FC	0.7	0.2	0.1	0.3	0.3	2.7	5.1	3.7	4.5	1.7	0.8	1.2
	2GA	0.3	0.1	0.0	0.1	0.1	1.1	1.7	1.3	2.3	1.0	0.6	0.8
	2GB	1.3	0.5	0.4	0.9	1.3	6.2	7.1	5.7	8.5	3.6	3.0	3.2
	2GC	2.0	1.5	1.8	4.3	3.9	8.6	5.3	3.4	5.9	3.2	3.7	4.3
	2GD	2.8	2.1	2.6	6.1	5.4	12.2	7.5	4.7	8.3	4.5	5.3	6.0
	2H-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	5.0	18.1	24.8	75.0	15.5	25.8	30.1	13.6	18.0	8.0	3.0	7.6
	2KB	1.3	2.3	3.1	9.0	2.3	2.0	2.0	2.4	2.8	2.2	1.0	1.9
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.5	1.5	1.5	2.9	1.9	1.9	1.4	1.3	1.3	1.3	1.7	2.0
	3AB	0.1	0.1	0.1	1.0	0.5	0.3	0.1	0.1	0.1	0.1	0.2	0.3
	3AC	0.3	0.1	0.0	0.6	0.3	0.3	0.1	0.0	0.0	0.0	0.5	2.2
	3BA	0.5	0.5	0.5	1.1	0.5	0.7	0.4	0.3	0.3	0.3	1.0	1.7
	3BB	0.6	0.5	0.6	1.2	0.6	0.9	0.5	0.3	0.4	0.3	1.2	1.3
	3BC	3.2	2.8	2.8	5.1	4.3	5.5	3.4	2.5	2.3	2.2	3.0	5.4
	3BD	1.2	0.9	0.9	1.9	1.4	2.2	1.2	0.9	0.8	0.8	1.2	2.4
	3CB	2.8	2.6	2.5	3.5	3.0	3.6	2.8	2.3	2.2	2.2	2.5	4.0
	3DA	0.9	1.3	1.2	0.6	0.8	1.2	1.5	1.5	1.5	1.5	2.6	3.8
	3DB	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.8
	3EA	0.4	0.1	0.0	0.8	0.3	0.1	0.0	0.0	0.0	0.0	1.9	3.4
	3EB	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1
	3EC	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	1.3	1.1	0.9	1.2	1.0	1.1	1.2	1.1	1.1	1.1	0.0	1.9
	3FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.2	0.2	0.6	11.7	0.3	0.1	0.1	0.1	0.1	0.4	0.3
	3LA	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	21.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2036 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	2.1	1.5	1.2	1.5	4.0	3.2	1.5	1.2	1.1	1.1	1.1	1.4
	4AB	2.5	1.6	1.4	2.4	4.1	4.9	2.1	1.3	1.1	1.0	1.1	2.2
	4AC	1.1	0.5	0.3	1.7	2.6	3.4	0.8	0.0	0.3	0.0	0.5	1.1
	4AD	2.4	1.6	1.5	4.4	5.9	5.4	1.8	0.8	1.3	0.8	1.4	2.9
	4BA	1.2	0.8	0.6	1.0	1.9	1.7	0.8	0.6	0.6	0.6	0.5	0.6
	4BB	3.2	3.0	3.1	6.4	6.8	4.6	2.5	2.1	2.0	1.9	2.7	4.1
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	5.0	4.6	4.7	10.0	10.6	7.3	3.7	3.1	2.9	2.8	4.0	6.4
	4BE	3.9	3.4	3.3	8.6	7.6	6.2	2.7	1.7	1.8	1.5	4.0	6.0
	4BF	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9
	4BG	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.7
	4CA	2.3	2.3	2.2	6.6	5.7	6.0	2.4	1.1	1.5	0.8	4.2	5.1
	4CB	1.0	0.9	0.7	3.6	2.9	2.7	0.6	0.0	0.0	0.0	1.8	3.0
	4CC	0.3	0.3	0.2	1.2	0.9	0.9	0.2	0.0	0.0	0.0	0.6	1.0
	4DA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	5.8	4.5	4.2	8.8	9.1	6.0	4.0	3.6	3.5	3.4	4.7	5.1
	4DC	2.7	2.0	1.8	4.2	4.2	2.9	1.7	1.4	1.4	1.3	2.6	2.9
	4DD	0.3	0.2	0.1	0.2	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.2
	4DE	0.4	0.0	0.0	0.1	0.0	0.6	0.1	0.0	0.0	0.0	0.0	1.3
	4EA	11.0	8.4	6.6	9.4	9.3	9.8	7.0	5.9	5.7	5.6	15.7	12.6
	4EB	10.6	6.7	7.4	14.6	13.2	8.8	5.6	5.2	5.0	4.9	19.6	12.3
	4EC	1.1	0.1	0.0	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.4	1.2
	4ED	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
	4FA	22.3	12.9	11.0	12.7	11.9	14.1	10.7	10.0	9.8	9.6	23.5	21.4
	4FB	6.9	2.6	0.1	1.6	0.0	1.2	0.2	0.0	0.0	0.0	0.4	10.1
	4GA	10.5	5.1	3.6	4.2	3.1	4.4	3.7	3.6	3.5	3.5	0.8	6.5
	4GB	2.9	1.0	0.0	0.3	0.0	1.3	0.4	0.1	0.0	0.0	0.0	3.7
	4GC	1.4	0.5	0.0	0.1	0.0	1.2	0.2	0.1	0.0	0.0	0.0	3.3
	4GD	3.0	1.2	0.0	0.0	0.0	2.7	0.7	0.3	0.0	0.1	0.0	5.7
	4GE	1.9	0.7	0.0	0.0	0.0	1.7	0.4	0.1	0.0	0.0	0.0	3.2
	4GF	5.4	2.3	0.5	0.0	0.0	4.1	1.3	0.6	0.1	0.2	0.0	6.6
	4GG	4.6	1.8	0.1	0.0	0.0	2.8	0.6	0.0	0.0	0.0	0.0	3.1
	4HA	1.1	0.3	0.3	0.9	0.3	0.1	0.0	0.0	0.0	0.0	1.7	3.5
	4HB	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	1.7	0.0
	4JB	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
	4KA	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	1.1	0.0
	4KB	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0
ENNCA	5AA	0.5	0.3	0.2	0.2	0.2	5.4	6.0	4.9	5.4	0.9	0.5	0.6
	5AB	0.1	0.1	0.1	0.1	0.1	1.7	2.5	1.9	1.8	0.2	0.1	0.1
	5AC	0.1	0.0	0.0	0.0	0.0	4.2	4.5	1.5	1.6	0.1	0.0	0.0
	5AD	0.1	0.1	0.0	0.0	0.0	0.8	1.2	0.6	0.7	0.1	0.1	0.0
	5BA	0.4	0.2	0.1	0.2	0.3	0.7	0.3	0.2	0.2	0.1	0.1	0.2
	5BB	0.7	0.3	0.2	0.4	0.6	2.1	1.0	0.5	1.0	0.4	0.4	1.0
	5BC-1	1.4	0.7	0.6	0.6	0.6	3.0	3.6	2.3	3.5	0.8	0.6	0.8
	5BC-2	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.2	0.3	0.1	0.1	0.1
	5BD	0.5	0.4	0.4	0.4	0.4	1.7	2.4	1.6	2.3	0.5	0.4	0.4
	5BE	1.3	0.3	0.2	0.6	1.0	4.6	1.1	0.4	0.5	0.2	4.0	3.8
	5CA	0.3	0.2	0.1	0.2	0.1	13.3	7.1	5.0	5.2	0.3	0.2	0.2
	5CB	0.0	0.0	0.0	0.0	0.0	2.4	2.2	0.7	1.1	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	4.2	1.9	0.9	1.8	0.1	0.0	0.0
	5DA	5.0	1.3	0.5	0.7	0.2	0.3	0.4	0.1	0.6	0.1	8.8	5.7
	5DB	0.7	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
	5DC	0.3	0.1	0.0	0.1	0.0	0.9	1.4	0.4	0.5	0.2	0.0	0.4
	5DD	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.6	0.1	0.0	0.4
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2037 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.3	2.1	3.4	1.4	1.1	1.1	0.7	2.8	4.9	3.1
	1AB	1.0	0.8	0.7	4.0	6.5	2.9	2.9	3.2	1.6	4.0	8.7	4.9
	1AC	0.0	0.0	0.0	0.4	1.7	0.5	0.5	0.5	0.1	0.7	2.1	1.1
	1AD	0.6	0.3	0.3	1.9	4.6	1.9	1.5	1.3	0.9	3.8	6.1	4.6
	1AE	0.3	0.2	0.2	0.5	1.4	0.7	0.5	0.4	0.3	1.9	2.6	2.2
	1AF	0.9	0.6	0.6	1.7	4.7	2.3	1.8	1.7	1.1	3.6	6.5	5.2
	1AG	0.5	0.2	0.2	1.1	3.9	1.8	1.3	1.1	0.7	2.1	5.1	4.4
	1AH	0.3	0.1	0.1	0.8	3.0	1.4	0.7	0.6	0.3	3.3	5.7	5.0
	1BA	0.4	0.3	0.2	5.3	3.3	0.9	4.8	4.3	0.7	2.0	8.0	4.8
	1BB	1.8	1.6	1.6	17.9	11.1	3.5	13.8	13.3	2.7	5.6	21.5	14.3
	1BC	1.1	0.9	0.8	5.6	7.6	2.8	4.9	6.1	2.2	1.6	6.2	5.1
	1BD	1.8	1.8	1.7	2.7	6.0	2.7	3.6	4.6	2.5	2.1	5.9	5.2
	1BE	1.3	0.9	0.8	5.2	14.9	5.1	7.2	10.4	3.9	1.9	9.2	8.9
	1BG	2.3	2.1	2.0	6.9	12.8	5.5	6.1	8.0	3.8	3.1	11.5	7.7
	1BH	1.5	1.3	1.2	4.5	9.0	4.1	4.2	5.0	2.4	2.9	9.7	5.7
	1CA	1.7	1.7	1.7	3.9	4.9	2.4	4.7	5.1	2.2	2.8	7.7	6.5
	1CB	1.4	1.3	1.3	5.7	5.6	2.2	5.8	5.4	2.0	3.2	9.7	9.1
	1CC	3.3	3.1	3.0	11.1	7.6	4.2	8.8	6.7	3.8	5.6	13.1	10.2
	1CD	5.0	4.7	4.6	15.3	16.8	7.4	15.5	14.8	6.6	8.7	24.7	19.6
	1CE	1.4	1.4	1.3	2.4	4.4	2.1	2.6	2.5	1.7	1.7	4.0	2.8
	1DA	2.7	2.4	2.4	6.2	10.4	4.7	5.7	5.5	3.5	3.9	8.8	6.1
	1DB	4.2	3.7	3.6	9.3	15.3	8.0	8.2	8.9	5.3	7.5	17.3	10.6
	1DC	2.0	1.7	1.6	2.4	7.8	3.6	3.6	3.7	2.6	2.4	6.9	5.8
	1DD	2.3	1.9	1.8	2.6	7.8	4.1	3.6	3.5	2.7	3.1	7.8	7.3
	1EA	4.9	4.4	4.2	10.3	11.9	7.4	8.6	8.3	5.9	5.7	10.5	9.4
	1EB	4.1	3.7	3.7	6.1	8.9	6.0	6.0	5.9	4.7	4.4	7.1	8.0
	1EC	2.5	2.3	2.2	4.0	5.5	3.5	3.8	3.7	2.9	2.8	4.7	4.3
	1ED	1.0	0.8	0.8	1.2	2.7	1.6	1.4	1.3	1.1	1.1	2.5	2.7
	1EE	0.6	0.6	0.5	0.0	5.6	2.7	1.5	0.9	0.8	0.9	6.8	9.5
	1EF	0.0	0.0	0.0	0.0	5.3	0.9	0.3	0.0	0.0	0.0	10.5	14.8
	1EG	1.5	0.8	0.8	2.1	6.7	4.4	3.0	1.9	1.3	1.4	7.3	16.1
	1FA	0.4	0.2	0.2	4.1	2.0	1.0	2.3	1.4	0.5	1.4	4.8	3.5
	1FB	2.5	2.0	1.7	11.0	7.8	4.3	7.7	5.5	3.0	4.7	12.4	9.0
	1FC	1.7	1.3	1.2	4.9	4.7	2.2	3.9	2.8	2.0	2.0	6.4	5.2
	1FD	2.5	1.8	1.6	12.1	8.0	3.7	7.0	4.1	2.6	4.3	14.8	10.4
	1FE	3.7	2.8	2.5	8.8	14.3	6.7	8.1	6.4	4.5	3.9	11.4	19.0
	1FF	0.2	0.0	0.0	1.0	3.4	1.3	1.1	0.5	0.2	0.0	1.8	9.0
	1FG	0.0	0.0	0.0	0.0	5.9	1.3	0.5	0.0	0.0	0.0	15.7	38.1
LVSCA	1GA	1.4	0.9	0.7	13.3	8.1	2.3	6.4	3.8	1.8	2.4	16.5	10.5
	1GB	0.8	0.4	0.2	10.1	9.2	2.1	5.4	1.6	0.9	1.4	20.6	20.7
	1GC	3.0	2.3	2.1	7.2	12.4	4.3	9.0	7.6	3.7	3.0	21.8	17.4
	1GD	0.0	0.0	0.0	0.0	3.3	0.0	0.2	0.0	0.0	0.0	8.9	16.5
	1GE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	3.7	11.7
	1GF	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	2.2	19.9
	1GG	0.7	0.4	0.3	4.9	5.7	1.3	3.7	2.4	0.8	0.7	12.0	7.6
	1HA1	1.0	0.6	0.5	4.1	6.0	1.7	1.9	1.1	0.8	0.9	5.1	22.0
	1HA2	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3	22.9
	1HB1	0.5	0.1	0.0	0.4	3.5	1.6	1.0	0.3	0.1	0.0	3.4	18.3
	1HB2	0.3	0.1	0.0	1.3	3.2	0.9	0.5	0.2	0.1	0.1	1.6	13.2
	1HC	0.4	0.0	0.0	0.0	1.2	1.0	0.6	0.1	0.0	0.0	2.2	23.7
	1HD	1.7	0.3	0.0	1.5	9.9	3.0	1.4	1.4	1.4	0.3	8.9	33.7
	1HE	1.6	0.3	0.0	1.1	9.4	2.8	0.9	0.3	0.7	0.2	8.1	26.0
	1HF	1.1	0.1	0.0	0.0	3.7	2.4	0.3	0.0	0.0	0.0	1.0	23.7
	1HG	0.3	0.0	0.0	1.9	5.3	0.6	0.2	0.0	0.0	0.8	6.8	14.6
	1JA	4.8	3.6	3.1	7.3	13.5	6.0	11.0	9.4	5.6	5.4	23.4	18.4
	1JB	0.9	0.6	0.5	1.2	2.8	1.2	2.1	1.8	1.0	1.0	6.2	4.3
	1JC	2.4	1.9	1.8	3.7	5.7	2.9	4.8	3.8	2.4	2.3	11.5	8.2
	1JD	2.1	1.8	1.7	2.6	3.9	2.3	2.8	2.7	2.0	1.9	6.4	5.8
	1JE	2.4	1.4	0.7	3.9	10.7	2.6	3.5	4.5	3.7	2.9	12.6	18.0
	1JF	5.6	3.9	3.2	9.0	18.5	7.0	11.4	12.1	6.9	7.1	27.0	39.5
	1JG1	0.7	0.3	0.3	0.1	4.3	1.1	0.9	1.3	0.8	0.2	5.3	12.8
	1JG2	0.3	0.2	0.2	0.0	1.8	0.3	0.1	0.3	0.4	0.0	0.3	6.1
	1KA	1.7	0.5	0.0	2.4	7.5	1.8	0.9	1.4	1.2	0.6	6.1	16.3
	1KB	9.8	3.7	0.9	15.2	54.1	9.3	5.4	6.5	7.0	3.1	34.3	124.8
	1KC	11.4	4.8	2.0	14.4	56.4	9.1	4.7	3.4	3.8	2.2	18.9	99.7
	1LA1	3.9	2.2	1.2	8.6	16.9	5.0	11.7	8.7	6.2	6.1	24.4	31.2
	1LA2	3.7	2.8	2.1	1.6	21.8	4.9	3.1	3.6	3.3	2.3	4.8	33.9
	1LA3	5.2	2.7	1.3	27.1	93.2	10.2	5.3	3.5	2.0	1.2	24.6	105.5
	1LB1	5.5	3.0	1.7	11.9	31.7	7.2	13.2	12.3	7.2	5.6	34.6	64.0
	1LB2	2.4	0.6	0.0	9.4	67.8	7.5	3.7	1.5	0.2	0.0	8.8	79.3

Monthly Surface Water by Sub-basin

Year 2037 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
	2BA	1.1	0.4	0.1	17.6	16.9	2.9	15.4	14.0	2.7	3.2	24.2	16.3
	2BB	1.8	0.7	0.1	28.3	27.2	4.7	24.8	22.4	4.3	5.1	38.9	26.1
	2BC	1.6	0.3	0.0	14.4	32.7	7.2	15.0	16.1	4.0	2.5	31.8	20.2
	2BD	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	2CB	0.7	0.0	0.0	53.5	34.4	3.6	53.9	49.1	4.9	9.9	101.8	91.7
	2CC	0.7	0.0	0.0	27.6	41.1	5.1	47.3	51.4	4.9	6.3	83.9	74.4
	2D	0.0	0.0	0.0	1.4	2.6	0.0	0.4	9.5	0.1	0.0	27.4	32.7
	2EA	0.0	0.0	0.0	2.9	4.8	0.7	2.8	2.9	0.4	0.4	6.0	5.4
	2EB	0.1	0.0	0.0	4.9	8.0	1.1	4.7	4.7	0.7	0.6	9.9	8.9
	2EC	0.1	0.0	0.0	0.7	5.6	1.3	3.4	4.6	1.2	0.6	7.3	12.1
	2ED	0.1	0.0	0.0	2.1	6.0	1.1	4.4	4.9	1.2	0.4	6.3	10.8
	2EE	0.1	0.0	0.0	14.6	12.0	0.9	11.2	11.6	1.4	0.5	20.3	20.4
	2EF	0.1	0.0	0.0	1.9	5.5	1.0	4.1	4.5	1.1	0.3	5.8	9.9
	2EG1	0.0	0.0	0.0	1.5	4.1	0.6	2.8	3.6	0.8	0.3	5.2	6.7
	2EG2	0.1	0.0	0.0	4.9	13.5	2.0	9.5	12.1	2.6	0.9	17.5	22.3
	2EH	0.0	0.0	0.0	8.5	3.9	0.4	6.3	7.0	0.6	0.3	11.5	8.0
	2EJ	0.0	0.0	0.0	0.6	1.0	0.0	0.0	0.3	0.0	0.0	3.2	3.3
	2EK	0.0	0.0	0.0	5.4	5.9	0.4	3.9	4.7	0.4	0.3	9.4	7.1
	2FA	0.1	0.0	0.0	0.3	2.3	0.6	0.6	0.7	0.3	0.3	4.1	4.0
	2FB	0.0	0.0	0.0	0.1	0.6	0.2	0.1	0.2	0.1	0.1	1.1	1.0
	2FC	0.2	0.0	0.0	1.2	5.2	1.0	1.5	3.0	1.3	0.9	11.8	10.2
	2GA	0.1	0.0	0.0	1.1	3.0	0.5	0.4	0.4	0.1	0.2	3.8	4.3
	2GB	0.6	0.1	0.0	5.4	10.6	1.6	2.1	2.3	1.1	2.0	18.8	14.6
	2GC	0.7	0.1	0.0	10.0	11.9	2.2	2.4	2.3	1.3	4.4	22.1	13.1
	2GD	1.0	0.2	0.0	14.1	16.9	3.1	3.4	3.3	1.8	6.3	31.2	18.4
	2H-1	0.0	0.0	0.0	3.5	12.4	1.5	0.3	0.1	0.0	0.0	4.3	22.5
	2H-2	0.0	0.0	0.0	6.4	8.6	0.8	0.1	0.0	0.0	0.0	6.5	27.9
	2H-3	0.0	0.0	0.0	0.6	2.7	0.5	0.0	0.0	0.0	0.0	0.8	9.8
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	2KA	2.7	1.0	0.1	27.9	87.8	12.9	11.2	9.1	3.0	1.8	54.1	108.7
	2KB	1.0	0.5	0.1	7.4	22.4	2.4	1.5	2.3	1.3	0.6	12.1	30.6
	2KC	0.0	0.0	0.0	0.0	30.4	4.0	0.8	0.0	0.0	0.0	0.0	33.1
ACA	3AA	1.3	1.3	1.2	9.3	10.2	2.3	1.4	1.3	1.3	1.5	9.5	21.8
	3AB	0.1	0.1	0.1	4.2	7.4	1.1	0.2	0.1	0.1	0.1	3.9	15.2
	3AC	0.3	0.0	0.0	4.2	6.2	1.0	0.1	0.0	0.0	0.1	7.2	14.2
	3BA	0.4	0.3	0.2	4.4	4.5	0.8	0.3	0.3	0.3	0.6	6.0	8.9
	3BB	0.4	0.3	0.3	4.5	3.6	0.7	0.4	0.4	0.3	0.8	5.5	7.0
	3BC	2.6	2.2	2.1	11.7	11.1	3.6	2.7	2.4	2.2	2.9	18.0	18.2
	3BD	0.9	0.8	0.8	6.1	4.6	1.2	0.9	0.8	0.8	1.0	8.5	9.0
	3CB	2.4	2.2	2.2	9.3	7.2	2.6	2.4	2.3	2.2	2.5	12.2	12.0
	3DA	0.5	1.5	1.5	6.7	7.1	0.7	1.3	1.5	1.6	1.2	12.8	20.9
	3DB	0.3	0.0	0.0	0.0	4.0	0.8	0.0	0.0	0.0	0.0	4.8	19.7
	3EA	0.4	0.0	0.0	4.4	5.0	0.8	0.1	0.0	0.0	0.0	10.3	22.7
	3EB	0.1	0.0	0.0	0.8	2.3	0.3	0.0	0.0	0.0	0.0	9.0	21.3
	3EC	0.1	0.0	0.0	0.3	1.1	0.2	0.0	0.0	0.0	0.0	7.6	19.2
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	10.7
	3FA	1.2	1.1	1.1	0.0	4.0	1.8	1.1	1.1	1.1	0.7	0.0	45.7
	3FB	0.0	0.0	0.0	0.0	4.1	0.7	0.0	0.0	0.0	0.0	0.0	53.8
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	9.0
	3HA	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	10.7
	3HB	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	1.7	23.0
	3HC	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	12.7	18.0
	3HD1	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	26.8	10.5
	3HD2	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	16.1	6.3
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.8
	3K	0.1	0.1	0.1	2.6	4.4	0.6	0.2	0.1	0.1	26.9	116.4	12.6
	3LA	0.0	0.0	0.0	0.0	16.6	0.2	0.0	0.0	0.0	37.5	91.2	8.7
	3LB	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	3.8	9.3	0.9
	3MA-1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	13.2	13.3
	3MA-2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2.4	23.9	2.0
	3MB	0.0	0.0	0.0	0.0	2.4	0.1	0.0	0.0	0.0	24.8	46.9	2.9
	3MC	0.0	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	11.4	15.2	0.0
	3MD1	0.0	0.0	0.0	0.0	14.8	1.4	0.1	0.0	0.0	50.6	50.6	3.6
	3MD2	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	4.7	4.7	0.7
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2037 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.1	1.0	1.0	7.9	7.9	1.7	1.3	1.1	1.0	8.5	20.9	10.7
	4AB	1.3	1.0	1.0	9.9	11.0	2.3	1.8	1.2	1.0	8.4	25.0	12.0
	4AC	0.0	0.0	0.0	9.7	9.5	1.1	0.6	0.1	0.0	5.2	20.0	8.5
	4AD	0.6	0.2	0.1	15.8	13.4	2.3	1.9	1.1	0.5	8.3	26.9	11.9
	4BA	0.5	0.5	0.5	8.6	6.0	1.1	0.7	0.6	0.5	1.9	13.3	6.1
	4BB	2.0	1.9	1.8	16.6	11.7	3.1	2.9	2.3	2.0	7.3	20.3	10.5
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0
	4BD	3.0	2.7	2.7	28.1	19.5	4.8	4.4	3.5	2.9	11.3	33.9	18.0
	4BE	1.8	1.3	1.2	25.5	18.1	3.8	3.2	2.4	1.5	6.6	30.4	18.5
	4BF	0.0	0.0	0.0	9.2	3.6	0.0	0.0	0.0	0.0	0.0	10.1	9.6
	4BG	0.0	0.0	0.0	2.6	6.5	0.2	0.0	0.0	0.0	0.0	8.2	14.6
	4CA	0.7	0.1	0.0	15.8	13.0	2.5	2.4	1.7	0.5	5.8	23.2	14.0
	4CB	0.0	0.0	0.0	11.8	7.8	1.0	0.7	0.3	0.0	2.8	15.3	10.6
	4CC	0.0	0.0	0.0	3.8	2.5	0.3	0.2	0.1	0.0	0.9	4.9	3.4
	4DA	0.0	0.0	0.0	0.5	1.4	0.0	0.0	0.0	0.0	0.0	6.5	8.7
	4DB	3.5	3.3	3.3	29.9	16.4	4.3	3.6	3.4	3.4	11.1	46.9	28.4
	4DC	1.4	1.3	1.3	14.3	7.5	1.8	1.4	1.3	1.3	8.2	18.3	12.0
	4DD	0.1	0.1	0.1	1.5	1.9	0.3	0.1	0.1	0.1	0.0	5.4	12.9
	4DE	0.0	0.0	0.0	0.0	6.4	0.5	0.0	0.0	0.0	0.0	6.3	23.5
	4EA	6.3	5.5	5.4	44.7	27.9	7.2	5.9	5.6	5.5	30.9	80.5	72.6
	4EB	5.2	4.8	4.7	61.5	30.1	5.8	5.1	5.0	4.9	40.1	77.7	82.5
	4EC	0.0	0.0	0.0	15.4	7.1	0.0	0.0	0.0	0.0	5.6	32.0	33.0
	4ED	0.0	0.0	0.0	15.9	22.9	0.0	0.0	0.0	0.0	0.0	146.0	303.8
	4FA	10.5	9.6	9.1	63.0	70.0	11.8	10.1	9.8	9.6	47.0	187.3	169.7
	4FB	1.3	0.0	0.0	21.5	53.9	3.2	0.5	0.2	0.1	10.0	138.5	103.1
	4GA	3.8	3.5	3.5	6.9	46.4	7.4	4.4	3.9	3.7	0.6	205.0	206.8
	4GB	0.4	0.1	0.0	0.0	20.4	1.9	0.4	0.2	0.1	0.0	197.4	324.2
	4GC	0.3	0.0	0.0	0.0	12.3	0.9	0.2	0.0	0.0	0.0	0.0	39.5
	4GD	0.9	0.2	0.1	0.0	20.7	1.9	0.5	0.2	0.2	0.0	0.0	162.8
	4GE	0.5	0.1	0.0	0.0	12.8	1.2	0.3	0.1	0.0	0.0	0.0	111.3
	4GF	1.6	0.3	0.1	0.0	33.0	3.7	1.3	0.3	0.4	0.0	0.0	404.7
	4GG	1.1	0.0	0.0	0.0	30.9	4.0	1.5	0.0	0.0	0.0	16.8	148.6
	4HA	0.7	0.2	0.0	7.4	8.9	2.6	0.7	0.1	0.0	0.1	12.1	101.0
	4HB	0.0	0.1	0.1	0.0	0.3	0.0	0.1	0.1	0.1	0.1	5.1	65.8
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	11.3
	4JA	32.0	0.0	0.0	0.0	2.5	1.7	0.0	0.0	0.0	0.0	0.1	0.0
	4JB	12.5	0.0	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	20.2	0.0	0.0	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	34.2	0.0	0.0	0.0	2.7	1.8	0.0	0.0	0.0	0.0	0.1	0.0
ENNCA	5AA	0.3	0.2	0.2	10.5	9.8	1.1	3.5	3.0	0.7	1.4	14.1	12.5
	5AB	0.1	0.1	0.1	4.5	3.9	0.2	1.1	0.9	0.2	0.6	6.6	5.6
	5AC	0.0	0.0	0.0	7.5	9.4	0.4	0.6	0.4	0.1	0.4	13.6	14.6
	5AD	0.0	0.0	0.0	1.8	3.7	0.2	0.3	0.2	0.1	0.1	4.6	8.2
	5BA	0.1	0.1	0.1	1.1	3.0	0.3	0.2	0.1	0.1	2.3	7.7	3.6
	5BB	0.3	0.2	0.2	5.6	6.3	0.5	0.5	0.3	0.2	4.7	14.6	7.8
	5BC-1	0.6	0.6	0.6	14.3	17.9	1.2	1.7	1.3	0.8	8.5	37.5	27.9
	5BC-2	0.1	0.1	0.1	1.4	1.8	0.1	0.2	0.1	0.1	0.8	3.7	2.7
	5BD	0.4	0.4	0.3	4.9	6.1	0.6	1.1	0.9	0.5	0.8	8.4	10.6
	5BE	0.3	0.2	0.2	16.2	12.0	0.5	0.4	0.3	0.2	14.9	37.9	22.6
	5CA	0.1	0.1	0.1	10.4	21.2	0.8	1.1	2.8	0.3	1.4	26.5	28.7
	5CB	0.0	0.0	0.0	0.0	5.9	0.4	0.0	0.0	0.0	0.0	8.2	23.3
	5CC	0.0	0.0	0.0	0.1	5.2	0.3	0.0	0.0	0.0	0.0	20.1	35.5
	5DA	0.8	0.2	0.1	41.1	46.0	3.4	1.1	0.4	0.2	22.2	99.0	88.7
	5DB	0.0	0.0	0.0	0.9	5.4	0.5	0.2	0.1	0.0	0.4	18.8	26.3
	5DC	0.1	0.0	0.0	0.0	3.5	0.4	0.2	0.2	0.1	0.0	3.8	9.3
	5DD	0.0	0.0	0.0	0.0	3.0	0.2	0.1	0.2	0.1	0.0	3.4	13.1
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	712.8	501.7
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	1,154.0	735.4
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	776.5	581.3
	5ED	0.0	0.0	0.0	0.0	95.4	0.7	0.0	0.0	0.0	0.0	632.3	894.5
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.6	759.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.3	199.4
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	1,154.0	735.4
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.4	43.7	7.3
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.8	55.8	5.1
	5J	0.0	0.0	0.0	0.3	12.8	0.2	0.0	0.0	0.0	67.6	946.6	584.4

Monthly Surface Water by Sub-basin

Year 2038 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	3.6	1.5	0.6	1.5	3.4	2.1	2.2	1.7	1.8	3.5	3.4	0.6
	1AB	7.1	3.6	1.9	3.3	6.5	4.6	5.3	4.5	4.1	7.4	7.0	1.6
	1AC	1.5	0.5	0.1	0.3	1.5	1.0	1.3	0.8	0.8	1.5	1.5	0.1
	1AD	4.5	1.9	0.8	1.5	4.5	2.4	2.2	1.2	1.4	3.2	3.9	0.8
	1AE	1.7	0.8	0.4	0.7	1.7	0.8	0.5	0.3	0.3	0.7	1.2	0.4
	1AF	5.0	2.2	1.1	2.2	4.7	3.0	2.8	1.6	2.0	3.7	4.3	1.1
	1AG	4.2	1.6	0.6	1.6	4.0	2.2	1.9	1.1	1.3	2.9	3.6	0.7
	1AH	3.7	1.1	0.3	1.8	3.6	1.4	0.6	0.3	0.6	1.8	2.5	0.4
	1BA	7.8	2.3	0.8	0.9	4.7	1.6	4.3	2.2	1.2	3.6	2.8	0.7
	1BB	23.0	9.2	3.7	5.2	16.3	6.1	15.7	8.8	5.2	13.7	10.5	2.7
	1BC	9.8	5.8	3.3	3.1	8.9	5.1	8.6	6.4	4.9	9.3	8.7	2.4
	1BD	6.7	4.4	3.0	2.9	6.4	4.2	4.7	6.6	4.6	6.0	6.0	2.7
	1BE	15.7	10.8	7.1	6.2	15.9	10.4	11.7	12.1	9.1	16.9	17.6	4.6
	1BG	13.2	7.8	5.2	5.8	14.3	9.2	9.0	11.8	9.9	17.3	15.1	4.3
	1BH	9.3	5.2	3.1	4.3	10.0	6.6	6.9	8.2	6.9	11.5	10.7	2.7
	1CA	9.3	4.7	2.6	2.5	6.2	3.9	6.1	6.6	3.8	5.0	4.8	2.5
	1CB	12.6	5.8	2.5	2.3	7.0	4.3	7.5	8.4	4.2	5.8	5.4	2.2
	1CC	13.0	7.6	4.3	3.8	8.5	6.1	10.0	10.5	6.0	8.0	8.3	4.0
	1CD	27.6	13.7	7.3	6.9	20.5	13.3	20.5	22.1	12.6	17.4	14.8	6.7
	1CE	3.0	2.1	1.6	1.6	4.8	3.4	3.5	4.9	3.6	5.1	3.7	1.7
	1DA	6.9	4.1	3.0	3.3	10.6	7.7	7.3	7.5	6.7	10.2	7.5	3.1
	1DB	14.9	9.0	5.9	8.2	15.0	11.5	12.9	12.1	11.0	16.4	15.7	5.3
	1DC	6.4	3.5	2.4	2.6	6.8	5.1	5.4	4.2	4.5	5.9	6.7	2.5
	1DD	7.3	3.8	2.6	3.4	7.3	5.2	5.3	3.8	4.2	5.8	7.1	2.7
	1EA	10.9	6.4	5.2	5.8	14.4	10.0	9.0	8.0	8.3	12.3	9.4	5.0
	1EB	8.6	5.0	4.2	5.6	10.2	7.2	6.3	5.4	5.8	9.1	7.7	4.2
	1EC	4.8	3.1	2.5	2.9	5.8	4.5	4.2	3.5	3.9	5.4	4.5	2.5
	1ED	2.7	1.3	1.0	1.4	2.8	1.8	1.6	1.3	1.4	2.2	2.3	1.0
	1EE	7.5	2.2	0.8	2.0	7.5	3.0	1.1	0.9	1.3	2.8	4.5	1.1
	1EF	9.5	1.5	0.0	1.6	8.4	1.6	0.0	0.0	0.0	0.0	4.0	0.1
	1EG	14.5	3.7	1.4	4.3	12.5	5.5	2.6	1.6	2.0	4.5	5.2	1.7
	1FA	4.9	2.5	0.7	0.5	2.3	1.6	2.8	2.7	1.3	1.9	2.5	0.5
	1FB	11.3	6.1	3.3	3.0	9.3	6.5	8.6	7.5	5.8	7.2	7.3	2.7
	1FC	5.6	3.1	2.1	1.7	4.7	3.5	3.7	3.4	3.0	3.7	4.0	1.8
	1FD	11.7	6.4	3.2	2.5	7.2	5.6	7.3	6.6	4.9	5.5	7.2	2.6
	1FE	17.1	6.6	4.5	6.6	16.5	10.8	7.7	5.9	5.9	11.6	10.3	3.9
	1FF	8.0	1.3	0.4	2.2	5.8	3.1	1.3	0.4	0.2	1.8	1.9	0.2
	1FG	25.0	1.7	0.0	7.9	17.5	3.2	0.0	0.0	0.0	0.0	1.8	0.0
LVSCA	1GA	12.9	6.6	2.1	2.8	9.5	6.4	9.0	7.2	4.4	7.3	6.7	1.6
	1GB	16.6	5.6	2.5	4.5	10.0	4.6	2.6	3.1	4.1	6.8	4.4	0.8
	1GC	18.1	11.4	4.4	8.7	17.5	10.6	16.2	15.9	10.3	19.2	10.1	3.6
	1GD	11.1	2.6	0.0	4.0	6.5	2.6	0.0	0.0	0.3	4.1	0.9	0.0
	1GE	12.1	3.7	0.0	3.5	6.4	1.0	0.0	0.0	0.0	1.6	0.3	0.0
	1GF	10.9	1.5	0.0	2.5	3.4	0.0	0.0	0.0	0.0	0.5	0.0	0.0
	1GG	8.5	4.7	1.2	4.2	7.9	5.5	6.2	5.1	4.2	8.4	4.0	0.8
	1HA1	13.4	3.1	1.6	5.5	6.0	4.0	1.8	1.0	0.9	3.1	2.4	0.8
	1HA2	9.0	0.6	0.0	1.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	1HB1	12.8	1.8	0.5	3.2	7.3	2.5	0.9	0.1	0.0	0.2	0.6	0.1
	1HB2	9.8	1.4	0.5	3.5	3.8	2.4	0.8	0.2	0.1	0.4	0.7	0.1
	1HC	16.3	2.7	0.4	2.4	9.2	3.1	0.8	0.0	0.0	0.0	0.0	0.0
	1HD	26.8	5.8	1.6	6.6	15.3	8.9	3.9	1.1	1.3	6.0	4.4	0.6
	1HE	17.8	3.0	0.7	4.7	11.3	7.9	2.8	0.5	0.3	3.4	3.4	0.5
	1HF	24.4	5.4	0.3	0.6	6.2	4.7	1.5	0.0	0.0	0.0	0.0	0.0
	1HG	11.5	0.8	0.1	1.3	5.1	2.3	0.4	0.0	0.0	0.0	0.0	0.0
	1JA	19.8	11.2	5.5	9.2	17.8	11.9	12.6	10.6	9.8	18.9	11.0	4.8
	1JB	4.8	2.1	1.0	2.1	4.1	2.6	2.8	1.7	1.8	4.5	2.5	0.9
	1JC	9.0	4.8	2.7	4.9	7.9	5.5	6.0	4.4	4.5	8.9	5.0	2.4
	1JD	7.2	3.6	2.2	3.4	5.7	3.9	3.5	2.5	2.7	5.3	3.7	2.1
	1JE	12.6	5.8	2.9	8.6	12.7	7.0	4.7	2.7	3.3	7.8	7.9	2.1
	1JF	38.7	13.4	6.3	12.8	30.6	17.0	13.2	8.8	9.0	22.0	18.6	5.7
	1JG1	11.0	3.0	0.8	2.0	6.9	3.1	2.0	1.0	1.2	4.1	3.3	0.6
	1JG2	3.6	0.8	0.3	0.8	1.6	0.9	0.3	0.2	0.3	0.2	0.7	0.4
	1KA	14.2	3.1	1.4	5.3	10.3	7.7	2.7	0.9	1.7	3.2	3.0	0.7
	1KB	117.2	29.7	11.5	43.4	77.7	46.4	14.5	4.8	7.1	14.3	17.1	4.3
	1KC	86.1	43.1	18.5	55.2	77.1	42.2	11.9	4.0	3.3	7.2	16.1	5.8
	1LA1	28.5	14.4	5.5	11.9	24.1	13.5	10.4	8.0	6.9	18.3	12.3	3.5
	1LA2	24.5	16.4	7.8	14.2	27.5	15.5	5.1	2.5	3.0	3.1	5.9	3.3
	1LA3	87.0	70.8	25.5	44.0	70.5	31.3	6.9	2.3	1.7	1.8	3.0	1.9
	1LB1	58.7	34.9	10.5	17.7	43.3	23.0	10.6	7.9	6.9	17.2	13.9	4.3
	1LB2	75.3	64.3	20.6	38.5	66.0	30.4	4.1	0.5	0.0	0.4	2.4	0.5

Monthly Surface Water by Sub-basin

Year 2038 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	34.6	12.8	3.7	2.1	16.5	6.9	27.2	13.8	6.9	19.8	16.2	2.9
	2BB	55.7	20.5	5.9	3.3	26.6	11.0	43.8	22.1	11.1	31.8	26.0	4.7
	2BC	46.0	18.8	7.6	5.9	22.2	12.0	26.3	17.4	11.8	34.5	37.5	7.3
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	103.9	42.6	8.0	5.0	40.9	12.1	36.1	36.5	8.6	25.6	26.2	3.4
	2CC	113.8	33.3	5.5	2.1	33.3	13.7	46.5	30.2	9.4	27.9	25.8	3.9
	2D	37.6	5.4	1.4	0.1	1.6	0.7	1.6	2.3	0.3	0.8	0.6	0.0
	2EA	7.3	3.1	0.8	0.3	4.4	2.2	2.5	2.6	1.7	3.0	1.5	0.4
	2EB	12.1	5.2	1.3	0.5	7.2	3.6	4.1	4.2	2.8	5.0	2.4	0.7
	2EC	10.6	6.8	2.3	1.2	5.7	4.9	3.5	3.2	3.2	6.0	4.1	1.2
	2ED	9.4	6.8	2.1	1.1	5.9	3.2	7.5	8.6	6.1	7.4	5.0	1.0
	2EE	21.7	10.7	2.0	1.1	9.6	3.2	15.2	15.3	5.5	9.7	6.5	0.8
	2EF	8.7	6.2	1.9	1.0	5.4	3.0	6.9	7.9	5.6	6.8	4.6	0.9
	2EG1	6.8	3.8	1.2	0.7	3.4	1.9	2.7	3.7	2.4	3.8	2.1	0.5
	2EG2	22.5	12.7	3.9	2.3	11.3	6.5	8.9	12.5	7.9	12.6	6.9	1.6
	2EH	10.4	2.5	0.8	0.3	3.5	1.7	4.5	4.5	1.2	1.3	1.2	0.5
	2EJ	4.6	0.4	0.2	0.1	0.7	0.2	0.1	0.1	0.1	0.2	0.2	0.1
	2EK	10.1	3.1	0.7	0.4	5.3	1.8	2.9	3.7	1.5	2.4	1.3	0.2
	2FA	4.3	2.3	1.0	0.6	5.3	2.5	1.2	0.7	0.6	1.2	1.5	0.8
	2FB	1.1	0.6	0.3	0.2	1.4	0.6	0.3	0.2	0.2	0.3	0.4	0.2
	2FC	14.0	8.5	2.7	2.1	10.8	5.9	2.2	1.3	1.5	4.0	3.4	1.1
	2GA	7.9	4.9	1.8	1.1	6.7	4.1	1.6	0.6	0.5	0.9	1.1	0.4
	2GB	25.5	13.0	3.7	5.6	28.2	11.6	5.2	2.6	2.8	4.7	4.9	2.0
	2GC	21.7	15.5	4.2	11.6	22.4	11.8	3.6	1.2	1.0	2.3	3.2	2.1
	2GD	30.6	21.9	5.9	16.4	31.5	16.7	5.1	1.7	1.4	3.3	4.5	3.0
	2H-1	35.6	40.6	13.9	15.2	26.2	15.8	3.9	1.3	0.4	0.1	0.0	0.0
	2H-2	46.2	49.6	18.0	20.1	42.1	18.6	4.6	2.0	0.6	0.1	0.0	0.0
	2H-3	18.5	15.5	5.6	5.9	9.1	4.2	0.6	0.1	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	116.2	96.8	26.4	31.2	69.3	40.4	9.0	3.0	1.7	4.6	3.9	0.8
	2KB	29.7	28.9	11.4	10.6	16.6	9.7	1.6	0.8	0.7	1.6	1.5	0.4
	2KC	41.6	43.8	14.6	14.4	21.8	13.6	4.9	1.7	0.0	0.0	0.0	0.0
ACA	3AA	28.4	30.1	12.8	14.2	30.2	16.1	3.5	2.1	1.5	1.4	1.4	1.5
	3AB	33.1	32.6	13.3	14.8	22.1	11.6	1.8	0.4	0.1	0.1	0.1	0.1
	3AC	18.5	14.4	5.2	7.4	13.8	6.4	1.4	0.4	0.1	0.1	0.1	0.1
	3BA	10.2	10.0	3.9	5.7	11.7	5.3	1.3	0.6	0.4	0.4	0.4	0.5
	3BB	8.0	8.6	3.7	4.8	10.2	4.6	1.2	0.6	0.4	0.4	0.5	0.6
	3BC	20.2	21.7	9.2	15.0	27.9	12.2	4.1	2.9	2.5	2.5	2.5	2.6
	3BD	10.2	12.7	5.1	9.1	15.9	6.8	1.5	1.0	0.9	0.9	0.8	0.8
	3CB	15.5	14.4	5.6	9.5	18.8	9.0	3.3	2.8	2.5	2.4	2.5	2.5
	3DA	27.7	12.1	2.3	6.2	7.9	2.8	0.6	1.3	1.5	1.5	1.5	1.5
	3DB	23.3	7.9	1.3	1.8	2.0	2.0	0.4	0.1	0.0	0.0	0.0	0.0
	3EA	33.5	16.1	3.5	6.0	8.7	1.9	0.3	0.1	0.0	0.0	0.0	0.0
	3EB	30.4	12.6	2.5	4.6	7.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0
	3EC	26.2	10.1	2.1	5.1	6.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	13.3	3.9	0.8	0.8	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	196.0	53.4	7.2	17.7	19.3	5.7	1.7	1.3	1.2	1.1	1.1	1.1
	3FB	113.2	43.2	4.5	6.1	2.5	5.0	0.5	0.0	0.0	0.0	0.0	0.0
	3G	70.5	47.5	4.3	9.6	8.1	1.7	0.2	0.0	0.0	0.0	0.0	0.0
	3HA	9.0	8.6	0.8	1.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	10.6	13.2	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	1.6	3.2	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	1.0	1.9	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	3J	18.7	17.3	0.1	1.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	25.7	15.4	4.2	4.6	12.5	5.0	1.0	0.3	0.1	0.1	0.2	0.2
	3LA	15.1	4.4	0.0	0.0	3.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	1.5	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	16.2	9.2	0.1	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	6.9	3.2	0.0	0.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	6.7	0.2	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	12.3	1.1	0.0	0.5	8.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.9	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.3	4.7	1.0	3.1	3.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2038 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	14.9	8.1	3.4	9.1	17.2	3.6	1.6	1.3	1.3	1.2	1.3	1.5
	4AB	18.7	13.8	4.2	9.3	20.6	6.4	2.3	1.5	1.3	1.3	1.3	1.3
	4AC	13.3	10.1	2.4	6.7	14.9	4.9	0.9	0.0	0.0	0.1	0.5	0.3
	4AD	17.8	13.8	3.7	11.6	18.9	7.0	1.9	0.9	0.7	1.0	1.6	1.5
	4BA	7.0	4.4	1.7	4.4	8.5	2.5	0.9	0.7	0.6	0.6	0.6	0.6
	4BB	14.1	11.9	4.2	11.1	14.4	6.3	2.7	2.4	2.3	2.2	2.9	2.9
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	23.9	19.5	6.7	18.1	24.3	10.4	4.2	3.6	3.4	3.3	4.5	4.5
	4BE	24.2	19.7	6.1	17.1	26.7	11.3	3.4	2.2	1.9	2.0	3.7	3.3
	4BF	13.9	9.1	2.1	7.7	15.4	5.0	0.2	0.0	0.0	0.0	0.0	0.0
	4BG	19.5	6.9	1.4	3.9	9.0	3.1	0.3	0.0	0.0	0.0	0.0	0.0
	4CA	19.1	21.2	6.1	17.2	26.5	12.1	2.9	1.5	1.3	1.6	3.1	2.5
	4CB	14.8	15.7	4.3	13.3	21.5	8.5	1.3	0.4	0.3	0.3	1.2	0.6
	4CC	4.8	5.1	1.4	4.3	6.9	2.7	0.4	0.1	0.1	0.1	0.4	0.2
	4DA	14.2	1.9	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	41.7	21.1	10.1	26.7	58.3	13.2	5.0	4.2	4.0	3.9	4.8	4.7
	4DC	17.8	10.3	4.9	13.3	28.8	6.3	2.2	1.7	1.6	1.5	2.5	2.4
	4DD	14.3	6.2	1.5	3.4	8.5	2.4	0.4	0.1	0.1	0.1	0.0	0.1
	4DE	26.6	10.1	2.3	4.0	9.8	3.7	0.6	0.0	0.0	0.0	0.0	0.1
	4EA	108.0	38.1	14.9	42.0	77.2	13.6	7.8	6.4	6.2	6.1	12.4	9.4
	4EB	146.8	58.5	18.9	75.8	133.8	19.6	6.6	5.8	5.6	5.5	15.4	8.2
	4EC	43.6	18.3	4.0	20.5	42.2	5.9	0.2	0.0	0.0	0.0	0.1	0.1
	4ED	314.8	112.3	21.4	74.8	126.4	18.4	0.0	0.0	0.0	0.0	0.0	0.0
	4FA	257.5	79.6	28.6	60.8	154.6	23.1	12.1	11.1	10.7	10.6	24.2	14.6
	4FB	111.6	26.7	7.3	23.6	61.5	8.1	1.8	0.3	0.1	0.0	5.2	4.0
	4GA	146.4	30.0	11.3	10.1	40.7	10.3	5.0	3.9	3.6	3.6	2.9	4.2
	4GB	153.9	24.1	5.7	0.2	18.3	6.1	1.4	0.4	0.1	0.1	0.0	1.0
	4GC	41.6	10.3	1.6	0.0	1.0	3.8	0.9	0.1	0.0	0.0	0.0	0.9
	4GD	163.5	28.6	5.1	0.0	10.7	8.1	2.1	0.6	0.2	0.2	0.0	2.1
	4GE	192.6	21.9	2.5	0.0	1.4	5.5	1.3	0.3	0.1	0.1	0.0	1.5
	4GF	880.6	156.7	23.8	13.0	30.5	15.0	3.8	1.1	0.4	0.3	0.0	4.0
	4GG	147.0	60.9	12.5	0.8	2.3	11.2	3.5	0.6	0.0	0.0	0.0	3.6
	4HA	327.9	65.0	13.1	11.6	16.3	4.3	1.2	0.4	0.2	0.1	0.5	0.6
	4HB	382.7	109.5	30.9	12.0	10.2	3.6	1.8	1.1	0.8	0.6	0.3	0.3
	4HC	29.4	28.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	18.5	6.1	1.4	0.7	15.3	4.6	3.9	3.8	3.1	5.7	2.8	1.1
	5AB	8.5	1.8	0.3	0.2	7.6	1.7	1.4	1.2	0.9	2.2	1.0	0.3
	5AC	18.1	3.2	0.4	0.1	16.1	3.9	1.2	0.9	0.7	1.0	1.0	0.3
	5AD	9.9	2.0	0.3	0.1	6.0	1.9	0.7	0.6	0.4	0.5	0.4	0.2
	5BA	5.3	2.4	0.6	1.3	4.4	0.9	0.3	0.2	0.2	0.2	0.2	0.2
	5BB	12.0	4.7	1.0	2.5	11.2	2.6	0.8	0.6	0.4	0.4	0.8	0.6
	5BC-1	40.6	9.8	2.0	2.8	29.7	5.8	2.8	2.7	1.9	2.5	2.1	1.3
	5BC-2	4.0	1.0	0.2	0.3	2.9	0.6	0.3	0.3	0.2	0.2	0.2	0.1
	5BD	13.7	3.0	0.7	0.6	10.2	2.8	1.6	1.4	1.1	1.9	1.2	0.7
	5BE	39.2	10.4	2.0	7.5	17.5	2.9	1.1	1.0	0.8	0.4	3.1	1.4
	5CA	26.5	6.3	0.6	0.2	17.4	6.0	1.2	1.5	1.4	0.7	0.4	0.2
	5CB	14.5	2.8	0.3	0.0	1.1	1.0	0.1	0.0	0.1	0.0	0.0	0.0
	5CC	15.2	2.4	0.3	0.0	1.0	0.6	0.1	0.0	0.1	0.0	0.0	0.0
	5DA	111.1	24.1	6.1	12.7	32.5	4.6	1.3	0.7	0.6	0.2	5.3	2.0
	5DB	36.2	6.5	1.1	1.7	7.2	1.8	0.5	0.3	0.2	0.0	0.1	0.0
	5DC	11.1	2.8	0.5	0.2	4.4	1.8	0.4	0.4	0.4	0.4	0.3	0.3
	5DD	13.6	2.9	0.4	0.0	1.4	0.7	0.2	0.3	0.4	0.3	0.1	0.3
	5EA	208.6	2.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	247.5	6.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	240.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	348.8	89.1	36.2	18.3	39.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	339.5	83.9	34.3	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	78.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	247.5	6.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	300.7	102.6	45.5	25.5	40.9	21.7	10.6	4.2	1.9	0.7	0.2	0.1

Monthly Surface Water by Sub-basin

Year 2039 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.4	0.3	0.6	3.8	4.3	1.7	1.3	1.8	2.0	5.3	1.7	1.1
	1AB	1.0	0.8	1.3	6.3	7.6	3.8	3.2	3.7	3.2	9.3	3.6	1.8
	1AC	0.0	0.0	0.0	1.7	1.9	0.8	0.6	0.8	0.7	2.4	0.8	0.1
	1AD	0.5	0.4	0.6	5.1	5.7	2.5	1.7	1.9	3.2	7.1	2.5	2.1
	1AE	0.3	0.2	0.3	2.0	2.1	0.9	0.6	0.7	1.3	3.2	1.0	1.4
	1AF	0.8	0.7	1.1	5.4	6.0	2.8	1.9	2.2	3.3	7.3	2.9	2.1
	1AG	0.4	0.3	0.6	4.1	4.9	2.1	1.3	1.4	2.4	5.4	2.3	1.6
	1AH	0.2	0.2	0.3	3.8	4.8	1.4	0.9	1.1	2.6	6.1	2.0	2.9
	1BA	0.3	0.3	0.4	1.6	4.9	1.2	1.7	1.4	1.3	5.0	2.6	1.6
	1BB	1.8	1.6	2.1	4.0	14.3	5.0	6.8	5.1	4.2	17.5	9.1	5.3
	1BC	1.1	0.9	0.8	0.8	3.9	3.4	4.2	3.5	2.7	8.4	5.7	2.6
	1BD	2.0	1.8	1.8	1.9	5.0	3.4	3.4	3.7	3.2	5.2	4.2	2.8
	1BE	1.5	1.0	0.9	0.6	5.6	5.7	6.8	6.2	4.6	12.5	10.2	4.0
	1BG	2.4	2.1	2.1	2.9	10.6	7.2	7.2	7.1	5.8	13.0	7.0	3.8
	1BH	1.5	1.3	1.4	4.2	9.1	5.6	5.1	5.2	4.3	10.5	5.0	2.5
	1CA	1.9	1.8	2.0	2.8	5.1	2.7	2.9	3.5	3.0	5.8	4.0	3.5
	1CB	1.5	1.4	1.8	2.9	5.5	2.6	3.3	4.4	3.5	7.6	4.2	3.8
	1CC	3.3	3.2	3.7	5.3	6.9	4.4	6.7	8.3	6.0	10.8	6.4	6.4
	1CD	5.1	4.9	5.8	10.3	17.0	9.3	11.0	14.8	11.2	21.0	11.5	9.5
	1CE	1.4	1.3	1.4	2.3	4.4	2.9	2.9	3.7	3.2	4.8	2.6	1.6
	1DA	2.5	2.4	3.6	8.3	10.3	6.6	5.6	7.6	7.0	11.2	5.3	2.9
	1DB	4.1	3.8	4.5	12.5	16.7	10.1	8.9	9.7	8.4	18.5	9.2	5.2
	1DC	1.8	1.7	2.0	5.9	7.9	4.5	3.7	4.1	4.5	7.5	5.0	2.3
	1DD	2.1	2.0	2.4	6.5	8.7	4.8	3.6	3.8	4.9	8.2	5.4	3.0
	1EA	4.4	4.2	5.4	10.8	11.7	8.9	8.2	11.4	10.2	13.4	7.0	5.2
	1EB	3.8	3.7	4.1	8.1	9.0	6.4	5.6	6.1	7.4	9.4	5.7	4.4
	1EC	2.3	2.3	2.6	5.1	5.6	4.0	3.7	4.0	4.5	6.0	3.6	2.6
	1ED	0.9	0.8	0.9	2.1	3.0	1.7	1.3	1.3	2.0	2.7	1.8	1.3
	1EE	0.6	0.6	0.3	1.7	8.7	3.1	1.3	0.8	3.3	5.6	5.2	4.5
	1EF	0.0	0.0	0.0	0.4	11.2	1.9	0.3	0.0	3.1	7.6	5.8	5.6
	1EG	1.1	0.8	1.0	3.9	10.0	4.5	2.3	1.9	4.5	6.9	5.4	5.9
	1FA	0.3	0.2	0.5	1.1	1.4	0.8	2.0	3.0	1.6	3.5	1.6	1.9
	1FB	2.0	1.8	3.0	6.0	7.5	5.0	7.5	11.0	6.9	11.2	5.5	4.9
	1FC	1.3	1.2	1.5	3.2	4.3	2.7	4.0	6.1	4.4	5.5	3.4	2.5
	1FD	1.9	1.7	2.5	5.0	6.3	4.4	7.2	10.9	6.9	10.9	6.0	6.0
	1FE	2.9	2.6	3.3	11.2	14.2	7.6	8.0	11.5	11.4	13.2	7.6	5.7
	1FF	0.0	0.0	0.0	2.8	3.6	1.4	0.9	1.5	2.2	2.7	1.3	1.3
	1FG	0.0	0.0	0.0	4.4	14.8	1.5	0.0	0.0	4.9	8.7	5.5	9.1
LVSCA	1GA	1.0	0.8	3.0	7.0	7.2	3.4	6.2	8.8	5.8	9.9	4.6	5.7
	1GB	0.4	0.3	0.8	5.6	8.7	4.2	5.3	10.4	6.9	10.8	4.3	6.2
	1GC	2.6	2.3	4.4	10.8	12.5	5.8	6.4	13.4	8.8	14.1	8.1	6.1
	1GD	0.0	0.0	0.0	3.9	5.0	0.7	0.0	1.8	2.6	4.8	0.5	2.9
	1GE	0.0	0.0	0.0	0.0	0.3	0.2	0.0	1.7	0.8	3.2	0.1	2.1
	1GF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.9	3.7	0.0	2.1
	1GG	0.5	0.4	2.7	7.3	7.3	2.6	3.0	5.5	3.7	6.9	2.9	2.9
	1HA1	0.6	0.5	0.9	5.1	5.0	2.1	2.4	6.5	3.7	4.4	2.2	3.8
	1HA2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.2	0.3	0.6	0.1	1.9
	1HB1	0.0	0.0	0.0	2.2	5.1	1.6	0.5	0.5	1.0	2.0	1.8	2.9
	1HB2	0.1	0.0	0.2	3.5	2.7	0.9	0.5	1.2	1.2	1.4	0.8	1.7
	1HC	0.0	0.0	0.0	0.0	1.5	1.1	0.2	0.0	0.0	0.4	1.1	3.1
	1HD	0.1	0.0	0.3	8.5	7.1	4.2	2.1	3.7	4.1	11.3	4.8	7.2
	1HE	0.0	0.0	0.0	6.7	8.6	3.6	1.5	1.7	2.0	8.5	4.2	6.1
	1HF	0.0	0.0	0.0	0.0	0.2	0.7	0.1	0.0	0.0	0.0	0.0	0.9
	1HG	0.0	0.0	0.0	1.3	4.7	1.0	0.1	0.0	0.0	0.0	1.2	3.0
	1JA	4.0	3.7	6.5	15.2	13.1	7.1	6.0	9.5	9.0	11.3	8.5	8.8
	1JB	0.7	0.7	2.0	4.2	3.7	1.8	1.2	1.7	1.9	2.7	1.7	1.9
	1JC	2.1	2.0	3.6	7.4	7.7	4.0	3.2	4.7	4.2	6.4	3.9	3.6
	1JD	1.8	1.8	2.3	4.4	4.3	2.8	2.3	3.0	3.0	4.2	2.6	2.8
	1JE	2.2	1.5	6.1	11.5	4.5	2.9	2.1	3.4	4.2	6.2	3.9	5.6
	1JF	4.6	4.1	7.6	18.6	12.2	7.5	6.3	8.8	10.3	14.2	9.7	13.0
	1JG1	0.2	0.3	0.0	3.7	2.8	1.8	1.0	1.6	2.2	4.7	1.9	2.7
	1JG2	0.1	0.2	0.0	1.2	0.8	0.5	0.3	0.6	0.7	1.4	0.4	1.1
	1KA	0.4	0.1	1.7	6.4	6.1	3.2	1.3	1.8	1.6	6.9	3.8	4.4
	1KB	3.4	2.1	14.2	42.8	35.9	16.9	7.1	8.4	8.6	27.2	20.2	25.0
	1KC	4.5	2.9	29.8	44.0	22.3	12.2	6.2	5.2	5.4	17.8	20.9	21.1
	1LA1	2.9	2.1	5.8	19.8	9.0	3.9	3.0	6.4	6.9	6.4	6.2	9.8
	1LA2	2.6	2.6	9.9	19.4	6.1	3.3	2.5	2.2	3.3	6.3	7.6	8.9
	1LA3	1.6	1.5	29.4	71.4	17.7	4.8	2.0	1.3	1.2	1.2	1.7	4.1
	1LB1	3.4	2.6	10.4	27.7	10.5	4.5	3.1	4.4	6.7	5.9	6.6	13.6
	1LB2	0.2	0.1	20.2	55.9	11.8	1.8	0.2	0.0	0.0	0.0	0.0	0.7

Monthly Surface Water by Sub-basin

Year 2039 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.3	0.5	0.1	0.0	8.0	6.5	9.9	4.3	3.1	28.2	17.6	5.1
	2BB	2.1	0.8	0.1	0.0	12.8	10.5	15.9	7.0	5.0	45.3	28.3	8.2
	2BC	1.9	0.3	0.0	0.0	14.0	13.2	16.4	9.5	6.1	36.2	26.0	7.9
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	1.6	0.4	0.3	3.1	18.3	1.8	4.8	6.6	6.2	28.8	14.1	19.4
	2CC	0.5	0.0	0.0	0.0	20.2	5.0	8.6	5.1	6.0	38.4	24.6	11.0
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.1	0.0	0.0	0.0	0.2	0.1	0.3	0.6	0.7	0.3	0.2	0.3
	2EB	0.1	0.0	0.0	0.0	0.3	0.1	0.4	1.0	1.1	0.4	0.4	0.5
	2EC	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.7	1.2
	2ED	0.0	0.0	0.0	0.0	0.1	0.0	0.1	1.1	2.0	2.4	3.1	1.9
	2EE	0.0	0.0	0.0	0.1	1.1	0.1	1.4	4.5	2.9	3.9	3.6	2.2
	2EF	0.0	0.0	0.0	0.0	0.1	0.0	0.1	1.0	1.9	2.2	2.8	1.8
	2EG1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.5	0.6	0.8	0.7
	2EG2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	1.3	1.7	2.0	2.7	2.3
	2EH	0.1	0.0	0.0	0.7	1.4	0.3	0.2	0.3	0.6	0.8	0.7	0.6
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2FA	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.2	0.3	0.2	0.2	0.4
	2FB	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
	2FC	0.2	0.0	0.0	0.2	0.5	0.1	0.1	0.1	0.2	0.1	0.2	0.5
	2GA	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.3	0.3	0.1	0.1	0.3
	2GB	0.5	0.1	0.0	0.2	0.9	0.5	0.7	1.7	2.5	1.0	1.2	2.6
	2GC	0.6	0.1	0.0	0.2	2.6	1.4	1.1	1.5	3.3	1.4	2.3	7.7
	2GD	0.8	0.1	0.0	0.2	3.7	2.0	1.6	2.2	4.6	2.0	3.2	10.9
	2H-1	0.0	0.0	0.0	3.0	2.1	0.4	0.1	0.0	0.0	0.0	0.0	0.2
	2H-2	0.0	0.0	0.0	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.9
	2H-3	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	0.3	0.1	9.7	49.1	16.0	3.1	0.7	0.8	1.5	1.1	1.5	3.7
	2KB	0.1	0.1	2.3	9.7	3.1	0.9	0.3	0.3	0.6	0.4	0.6	1.6
	2KC	0.0	0.0	0.0	1.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	1.4	1.4	1.8	4.7	2.9	1.5	1.4	1.3	1.4	1.3	1.9	9.8
	3AB	0.1	0.1	0.2	1.5	0.8	0.2	0.1	0.1	0.1	0.1	0.2	3.4
	3AC	0.1	0.1	0.2	2.3	1.9	0.3	0.1	0.1	0.1	0.1	0.2	6.8
	3BA	0.4	0.3	0.8	1.8	1.6	0.5	0.3	0.3	0.4	0.3	0.8	5.6
	3BB	0.4	0.4	0.9	1.9	1.4	0.5	0.4	0.4	0.4	0.4	1.2	5.0
	3BC	2.4	2.3	2.4	5.1	6.3	3.1	2.4	2.3	2.3	2.3	3.2	14.0
	3BD	0.8	0.8	0.8	2.4	2.5	1.1	0.9	0.8	0.8	0.8	1.5	6.3
	3CB	2.4	2.4	2.5	3.4	4.2	2.8	2.4	2.3	2.4	2.3	2.7	9.3
	3DA	1.6	1.5	1.0	3.6	1.4	0.9	1.5	1.5	1.6	1.5	1.1	9.5
	3DB	0.0	0.0	0.0	0.4	1.0	0.1	0.0	0.0	0.0	0.0	1.9	12.5
	3EA	0.0	0.0	0.0	3.2	1.4	0.2	0.0	0.0	0.0	0.0	0.7	11.5
	3EB	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	1.3	13.7
	3EC	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	2.1	13.4
	3ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	5.8
	3FA	1.1	1.1	0.9	0.8	1.5	1.3	1.1	1.1	1.1	1.1	12.7	31.0
	3FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	26.0
	3G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
	3HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.1	0.1	0.4	1.0	1.1	0.9	0.1	0.1	0.1	0.1	0.4	2.4
	3LA	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2039 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	1.3	1.2	1.2	1.9	7.2	1.7	1.2	1.2	1.1	1.1	1.8	8.6
	4AB	1.3	1.2	1.2	1.2	5.5	2.1	1.3	1.2	1.1	1.1	1.1	5.0
	4AC	0.0	0.0	0.0	0.0	4.2	0.7	0.0	0.0	0.1	0.0	0.4	4.7
	4AD	0.7	0.4	0.4	0.7	8.1	1.7	0.7	0.6	1.1	0.6	1.8	9.9
	4BA	0.6	0.6	0.6	0.7	3.1	1.0	0.6	0.6	0.6	0.6	1.1	5.5
	4BB	2.3	2.2	2.1	3.8	9.5	2.6	2.2	2.1	2.0	2.0	5.0	10.8
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	3.5	3.2	3.2	5.9	15.3	4.1	3.2	3.1	3.0	3.0	7.8	18.3
	4BE	2.1	1.8	1.7	4.7	12.8	3.2	1.9	1.7	1.8	1.6	7.4	18.0
	4BF	0.0	0.0	0.0	1.6	1.6	0.0	0.0	0.0	0.0	0.0	1.2	6.3
	4BG	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	5.3
	4CA	1.3	0.8	0.7	4.2	9.0	1.9	1.0	0.8	1.3	0.7	5.1	13.6
	4CB	0.2	0.0	0.0	2.8	5.6	0.7	0.0	0.0	0.1	0.0	3.3	9.3
	4CC	0.1	0.0	0.0	0.9	1.8	0.2	0.0	0.0	0.0	0.0	1.1	3.0
	4DA	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	4DB	4.0	3.8	4.0	6.8	11.2	4.5	3.7	3.6	3.6	3.5	7.6	30.2
	4DC	1.7	1.5	1.8	4.1	5.9	1.9	1.5	1.4	1.4	1.3	5.2	13.3
	4DD	0.1	0.1	0.1	0.1	0.6	0.2	0.1	0.1	0.1	0.1	0.0	2.4
	4DE	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	3.7
	4EA	6.7	6.0	7.7	12.8	15.6	7.1	5.8	5.6	5.5	5.5	24.8	45.0
	4EB	5.7	5.3	9.7	15.4	18.5	5.8	5.1	4.9	4.8	4.7	31.4	53.5
	4EC	0.0	0.0	0.0	1.1	2.9	0.0	0.0	0.0	0.0	0.0	3.7	15.1
	4ED	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	49.1
	4FA	11.3	10.4	14.5	22.2	24.4	11.3	10.1	9.8	9.7	9.6	36.9	98.1
	4FB	1.0	0.2	0.1	3.0	7.5	1.7	0.2	0.0	0.0	0.0	13.5	65.8
	4GA	3.7	3.6	3.0	3.2	5.0	4.0	3.6	3.5	3.5	3.5	8.0	52.9
	4GB	0.2	0.1	0.0	0.0	1.2	0.8	0.2	0.1	0.0	0.1	0.0	15.3
	4GC	0.1	0.0	0.0	0.0	0.5	0.7	0.0	0.0	0.0	0.0	0.0	2.9
	4GD	0.5	0.2	0.0	0.0	0.3	1.6	0.3	0.1	0.1	0.1	0.0	4.9
	4GE	0.2	0.1	0.0	0.0	0.1	1.0	0.1	0.0	0.0	0.0	0.0	1.7
	4GF	0.8	0.4	0.0	0.0	0.6	3.0	0.5	0.2	0.0	0.3	0.0	73.2
	4GG	0.1	0.0	0.0	0.0	0.3	2.7	0.0	0.0	0.0	0.0	0.0	2.7
	4HA	0.1	0.0	0.6	1.1	1.7	0.3	0.0	0.0	0.0	0.0	17.3	60.8
	4HB	0.3	0.3	0.0	0.0	0.0	0.2	0.2	0.2	0.1	0.1	0.0	16.7
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.3	0.3	0.7	1.5	1.6	0.4	1.4	2.4	1.5	0.4	0.5	0.9
	5AB	0.1	0.1	0.2	0.9	0.7	0.1	0.4	0.8	0.4	0.1	0.1	0.4
	5AC	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0
	5AD	0.1	0.1	0.1	0.4	0.3	0.1	0.0	0.1	0.1	0.1	0.1	0.1
	5BA	0.1	0.1	0.1	0.2	1.5	0.3	0.1	0.1	0.1	0.1	0.2	1.0
	5BB	0.3	0.2	0.3	0.9	3.1	0.4	0.2	0.2	0.2	0.2	0.3	2.1
	5BC-1	0.7	0.6	0.8	3.1	6.4	1.0	0.8	1.1	0.9	0.6	0.7	4.3
	5BC-2	0.1	0.1	0.1	0.3	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.4
	5BD	0.4	0.4	0.5	1.3	1.2	0.5	0.6	0.9	0.7	0.4	0.4	0.8
	5BE	0.3	0.2	1.5	3.8	5.8	0.4	0.2	0.2	0.2	0.2	4.3	10.3
	5CA	0.1	0.1	0.3	0.4	0.6	0.2	0.2	0.2	0.1	0.1	0.1	0.1
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	0.5	0.2	4.5	4.9	4.6	0.7	0.0	0.2	0.1	0.0	12.8	28.1
	5DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.1	0.1	0.0	0.1	0.6	0.2	0.0	0.2	0.1	0.1	0.0	0.5
	5DD	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.1	0.1	0.0	0.0	0.3
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.6
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2040 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LVNCA	1AA	0.5	0.4	0.3	0.3	1.1	1.1	1.0	1.1	1.0	2.1	1.9	1.0
	1AB	1.0	0.9	0.8	0.8	2.6	2.6	2.6	2.9	2.7	4.8	3.3	2.0
	1AC	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.2	0.5	0.5	0.3
	1AD	0.8	0.4	0.3	0.3	1.0	1.1	0.8	0.8	0.8	1.4	2.8	1.9
	1AE	0.5	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.5	1.5	1.0
	1AF	1.0	0.7	0.6	0.6	1.2	1.2	1.1	1.1	1.0	1.8	2.5	2.1
	1AG	0.6	0.3	0.2	0.2	0.7	0.8	0.7	0.7	0.6	1.2	1.7	1.6
	1AH	0.5	0.2	0.1	0.1	0.4	0.3	0.3	0.4	0.3	1.0	3.1	1.8
	1BA	0.5	0.3	0.2	0.2	1.4	1.4	2.7	3.2	1.9	4.2	2.3	1.3
	1BB	2.0	1.7	1.6	1.6	7.0	4.9	9.3	11.1	7.6	14.9	7.6	4.0
	1BC	1.2	0.9	0.8	0.8	2.7	2.4	3.9	6.9	6.1	9.5	4.7	2.3
	1BD	2.0	1.9	1.8	1.8	2.0	2.5	3.5	4.4	4.7	5.4	3.8	2.5
	1BE	1.5	0.9	0.8	0.8	2.1	3.5	5.4	9.5	10.8	15.6	8.2	3.6
	1BG	2.4	2.1	2.0	2.0	4.0	5.9	7.3	10.0	8.9	14.7	7.1	4.0
	1BH	1.5	1.3	1.2	1.2	3.1	4.2	5.0	6.1	5.7	9.1	4.9	2.7
	1CA	2.1	1.9	1.8	1.8	2.0	2.1	2.7	3.9	3.8	3.9	3.2	2.2
	1CB	1.8	1.5	1.4	1.4	1.9	2.0	3.0	4.7	4.5	4.4	3.2	1.9
	1CC	3.6	3.3	3.1	3.1	3.8	4.3	6.8	7.5	6.5	7.6	5.0	3.9
	1CD	5.7	5.1	4.8	4.7	7.9	8.1	10.6	14.3	13.0	14.0	9.6	6.7
	1CE	1.4	1.4	1.3	1.3	2.5	2.8	3.3	3.7	3.3	4.1	2.5	1.9
	1DA	2.6	2.5	2.4	2.5	6.2	5.3	5.6	5.7	5.2	7.0	4.7	4.1
	1DB	4.1	3.9	3.6	3.6	7.7	7.7	8.1	9.0	8.0	12.2	8.0	5.7
	1DC	1.9	1.8	1.6	1.6	2.5	3.0	3.0	2.8	2.9	3.7	3.4	2.9
	1DD	2.2	2.0	1.9	1.9	2.6	2.8	2.8	2.7	2.7	3.4	3.6	3.4
	1EA	4.5	4.4	4.2	4.2	8.3	7.6	8.3	8.6	7.8	9.7	6.9	7.1
	1EB	3.9	3.8	3.6	3.6	4.9	5.0	5.5	5.4	5.3	6.4	5.1	5.6
	1EC	2.3	2.3	2.2	2.2	3.4	3.3	3.4	3.4	3.2	3.9	3.2	3.2
	1ED	1.0	0.9	0.8	0.8	1.0	1.1	1.1	1.2	1.2	1.5	1.4	1.5
	1EE	1.2	0.6	0.5	0.5	0.3	0.6	0.6	0.5	0.9	1.4	3.0	3.4
	1EF	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0
	1EG	2.1	0.9	0.8	0.8	1.3	1.2	1.4	1.7	1.6	2.8	3.6	4.9
	1FA	0.4	0.2	0.2	0.2	0.3	0.7	2.1	2.1	1.7	2.4	1.1	0.6
	1FB	2.3	2.0	1.8	1.8	4.7	5.3	7.4	7.3	6.5	7.8	4.8	3.6
	1FC	1.5	1.3	1.2	1.2	2.2	3.0	3.9	4.0	3.5	4.2	3.0	2.5
	1FD	2.3	1.8	1.7	1.6	3.5	4.8	8.0	7.2	5.7	7.9	5.1	3.6
	1FE	3.5	2.8	2.5	2.5	5.7	6.4	7.5	7.6	7.0	9.3	7.5	8.7
	1FF	0.3	0.0	0.0	0.0	0.4	0.5	0.7	0.7	0.6	1.3	1.3	2.5
	1FG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	5.5
LVSCA	1GA	1.4	0.9	0.8	0.8	3.1	4.0	8.4	7.6	4.3	8.7	6.0	3.2
	1GB	0.9	0.4	0.4	0.3	1.9	2.9	6.3	6.1	3.1	7.6	8.1	3.5
	1GC	2.9	2.3	2.2	2.6	6.2	6.1	9.3	13.0	7.3	11.2	13.9	10.6
	1GD	0.0	0.0	0.0	0.0	0.9	0.3	1.0	1.9	0.0	2.1	7.0	3.0
	1GE	0.0	0.0	0.0	0.0	0.8	0.0	0.2	0.6	0.0	0.8	4.2	3.8
	1GF	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	4.9	5.2
	1GG	0.7	0.4	0.3	0.5	3.5	3.3	5.5	5.7	2.4	5.7	6.6	3.7
	1HA1	1.1	0.7	0.6	0.6	3.4	1.9	2.3	2.2	2.0	2.9	4.1	5.6
	1HA2	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.1	1.3	1.3
	1HB1	0.6	0.0	0.0	0.0	0.2	0.2	0.1	0.1	0.0	0.1	0.8	3.0
	1HB2	0.4	0.1	0.0	0.1	1.2	0.5	0.4	0.2	0.2	0.4	1.2	2.7
	1HC	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	1HD	1.7	0.1	0.1	3.1	11.2	3.6	3.5	2.4	2.5	3.6	10.9	15.3
	1HE	1.2	0.0	0.0	1.0	9.5	2.7	2.3	0.8	0.8	2.9	7.6	8.7
	1HF	0.4	0.0	0.0	0.0	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0
	1HG	0.3	0.0	0.0	0.2	1.3	0.3	0.2	0.0	0.0	0.0	0.3	1.8
	1JA	4.6	3.5	3.3	4.9	7.5	6.7	8.2	11.3	7.6	8.0	15.5	15.1
	1JB	0.8	0.6	0.6	1.1	2.3	1.8	2.0	2.5	1.6	1.9	3.6	3.8
	1JC	2.2	1.9	1.8	2.2	4.9	4.2	4.7	5.7	3.7	5.0	6.5	6.7
	1JD	2.0	1.8	1.8	2.3	3.9	2.8	3.1	3.5	2.6	3.1	4.3	4.3
	1JE	2.4	1.1	1.2	5.0	5.4	3.2	3.8	3.9	3.1	3.0	10.9	9.7
	1JF	5.9	3.9	4.1	9.3	10.0	7.5	9.4	11.3	8.1	7.3	21.5	22.9
	1JG1	0.7	0.3	0.2	1.3	4.4	1.5	1.9	2.0	1.9	1.8	5.1	7.7
	1JG2	0.4	0.2	0.1	0.2	2.0	0.3	0.3	0.2	0.4	0.3	1.3	2.3
	1KA	1.0	0.1	0.2	3.3	7.2	2.4	2.5	1.1	1.6	2.2	5.3	5.9
	1KB	7.3	1.9	1.5	16.0	33.3	11.8	14.1	7.8	7.6	9.4	25.5	32.9
	1KC	8.8	3.1	2.4	14.2	31.0	12.7	15.4	9.6	6.3	7.0	26.1	32.7
	1LA1	3.9	1.9	1.6	3.2	5.0	3.5	4.1	6.9	4.7	4.2	16.6	17.7
	1LA2	4.9	2.7	2.4	7.2	11.2	6.2	6.6	4.9	4.4	3.7	13.1	20.8
	1LA3	4.4	1.9	1.4	1.8	3.0	2.2	1.8	1.4	1.4	1.2	2.3	12.5
	1LB1	5.6	2.5	2.2	4.7	5.7	3.5	3.2	4.3	4.6	3.5	19.0	21.6
	1LB2	0.8	0.1	0.0	0.1	1.0	0.7	0.1	0.0	0.0	0.0	0.8	7.9

Monthly Surface Water by Sub-basin

Year 2040 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RVCA	2AA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2AB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2BA	1.5	0.6	0.1	0.0	6.9	2.3	9.9	16.9	13.9	26.7	12.5	3.9
	2BB	2.4	1.0	0.2	0.0	11.0	3.7	15.9	27.2	22.3	42.9	20.0	6.3
	2BC	2.1	0.4	0.0	0.0	2.5	3.8	7.8	17.3	16.2	31.6	14.3	5.3
	2BD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2CB	2.2	0.8	0.1	0.0	0.0	0.0	0.0	3.5	3.3	7.8	8.8	6.0
	2CC	1.5	0.0	0.0	0.0	0.0	0.3	7.7	28.3	16.4	39.9	24.8	7.6
	2D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EA	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.5	0.9
	2EB	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.8	1.5
	2EC	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7
	2ED	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	2.0	3.6
	2EE	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.1	3.1	3.4	3.6
	2EF	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.9	3.3
	2EG1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.9
	2EG2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	3.5	2.9
	2EH	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.6	0.5	0.7	0.6
	2EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2EK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	2FA	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7
	2FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
	2FC	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.5
	2GA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.5	0.4
	2GB	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.5	2.4	2.5
	2GC	2.3	0.4	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.5	3.4	4.5
	2GD	3.2	0.6	0.0	0.0	0.1	0.1	0.2	0.5	0.4	0.7	4.8	6.4
	2H-1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2H-3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2KA	1.7	0.3	0.1	0.2	0.3	0.2	0.2	0.6	0.6	0.5	4.0	11.3
	2KB	0.8	0.2	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.9	2.3
	2KC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACA	3AA	2.8	1.6	1.4	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.6	2.1
	3AB	1.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
	3AC	2.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5
	3BA	1.5	0.4	0.3	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.7	0.8
	3BB	1.1	0.4	0.4	0.7	0.6	0.5	0.4	0.3	0.3	0.4	0.8	1.0
	3BC	4.2	2.7	2.3	2.4	2.6	2.5	2.3	2.3	2.2	2.2	2.4	3.6
	3BD	1.5	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5
	3CB	3.1	2.6	2.4	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.7
	3DA	1.9	0.6	1.5	1.3	1.4	1.5	1.6	1.5	1.5	1.5	1.3	0.9
	3DB	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	3EA	2.3	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	3EB	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3EC	3.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3ED	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3FA	16.3	2.3	1.2	1.0	1.1	1.2	1.2	1.1	1.1	1.1	0.9	1.4
	3FB	10.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3G	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HA	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HB	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3HD2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3K	0.7	0.2	0.1	0.2	0.7	2.8	0.1	0.1	0.1	0.1	0.3	0.3
	3LA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3LB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3MA-2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	3MB	0.0	0.0	0.0	0.0	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
	3MC	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0
	3MD1	0.0	0.0	0.0	0.0	2.4	2.9	0.1	0.0	0.0	0.0	0.0	0.0
	3MD2	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	3N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monthly Surface Water by Sub-basin

Year 2040 (Unit: m^3/s)

CA	Sub-basin	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCA	4AA	3.5	1.6	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.9
	4AB	2.7	1.4	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	1.6
	4AC	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1
	4AD	2.3	0.6	0.2	0.2	0.8	0.6	0.3	0.2	0.1	0.2	1.2	3.5
	4BA	1.7	0.8	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.7
	4BB	2.9	2.2	2.0	2.0	3.0	2.2	1.9	1.9	1.9	1.8	2.7	4.8
	4BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BD	4.6	3.2	2.9	2.9	4.6	3.2	2.9	2.8	2.7	2.7	4.1	7.5
	4BE	4.3	1.9	1.5	1.5	3.3	2.1	1.6	1.4	1.3	1.3	2.6	5.7
	4BF	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4BG	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4CA	2.5	0.7	0.3	0.4	1.9	0.9	0.4	0.2	0.1	0.1	2.0	4.6
	4CB	1.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.9	2.0
	4CC	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.6
	4DA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4DB	6.9	4.2	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	6.1	7.2
	4DC	3.3	1.7	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	4.1	4.7
	4DD	0.7	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.2
	4DE	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4EA	10.4	6.8	5.7	5.6	5.5	5.4	5.4	5.3	5.2	5.1	24.0	22.7
	4EB	10.7	5.8	5.0	4.9	4.8	4.7	4.6	4.5	4.5	4.4	32.8	26.0
	4EC	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.4
	4ED	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
	4FA	19.2	11.5	10.0	9.8	9.7	9.6	9.4	9.3	9.2	9.1	30.6	37.0
	4FB	8.2	1.4	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	7.3	23.3
	4GA	10.3	5.0	3.8	3.6	3.5	3.6	3.5	3.5	3.5	3.5	2.3	18.0
	4GB	6.3	1.0	0.2	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.0	3.9
	4GC	4.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
	4GD	8.3	1.2	0.2	0.0	0.0	0.3	0.1	0.1	0.1	0.1	0.0	5.4
	4GE	5.7	0.7	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3.5
	4GF	60.7	5.1	0.8	0.2	0.1	0.8	0.2	0.2	0.2	0.1	0.0	9.9
	4GG	16.9	2.8	0.3	0.0	1.2	1.0	0.0	0.0	0.0	0.0	0.0	7.1
	4HA	35.9	4.7	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.7
	4HB	22.9	2.8	1.1	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.0	0.0
	4HC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4JA	0.0	0.0	0.0	0.0	3.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	4JB	0.0	0.0	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4KA	0.0	0.0	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	4KB	0.0	0.0	0.0	0.0	4.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
ENNCA	5AA	0.4	0.3	0.2	0.2	0.2	0.2	0.2	1.3	1.4	0.4	1.0	1.3
	5AB	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3
	5AC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
	5AD	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
	5BA	0.7	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
	5BB	0.9	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.9
	5BC-1	2.3	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	1.1
	5BC-2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	5BD	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6
	5BE	2.3	0.5	0.2	1.1	0.6	0.2	0.2	0.1	0.1	0.1	4.0	5.6
	5CA	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.5	0.7
	5CB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5CC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DA	2.9	1.0	0.3	0.3	0.3	0.1	0.0	0.0	0.1	0.0	10.5	11.9
	5DB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5DC	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.4
	5DD	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4
	5EA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5EC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5ED	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5FB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5HB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

3. Estimated Annual Sustainable Yield of Groundwater

Estimated Annual Sustainable Yield of Groundwater

(Unit :MCM/year)

CA	Sub-basin	LVNCA and LVSCA		CA	Sub-basin	RVCA and ACA		CA	Sub-basin	TCA and ENNCA	
		2010	2030			2010	2030			2010	2030
LVNCA	1AA	1.7	1.9	RVCA	2AA	0.7	1.4	TCA	4AA	4.7	0.6
	1AB	0.8	0.3		2AB	0.3	0.7		4AB	4.9	0.6
	1AC	1.4	1.4		2BA	1.2	1.0		4AC	3.5	0.4
	1AD	2.8	2.8		2BB	2.0	1.7		4AD	4.2	0.5
	1AE	2.9	3.2		2BC	2.0	1.3		4BA	2.2	0.3
	1AF	4.5	4.7		2BD	9.9	10.4		4BB	2.8	0.3
	1AG	4.7	4.9		2CA	0.1	0.2		4BC	1.9	0.2
	1AH	6.8	7.7		2CB	4.2	3.7		4BD	4.6	0.5
	1BA	3.5	3.9		2CC	17.3	18.4		4BE	5.8	0.7
	1BB	5.5	6.2		2D	12.4	12.2		4BF	2.0	0.2
	1BC	5.6	6.4		2EA	0.2	0.2		4BG	1.8	0.2
	1BD	1.7	1.6		2EB	0.3	0.2		4CA	6.9	0.8
	1BE	5.2	5.6		2EC	0.5	0.3		4CB	4.4	0.5
	1BG	3.7	4.0		2ED	0.9	0.6		4CC	4.4	0.5
	1BH	1.3	0.6		2EE	0.8	0.5		4DA	5.7	0.7
	1CA	2.8	2.9		2EF	0.7	0.5		4DB	4.1	0.5
	1CB	3.6	3.6		2EG1	1.8	1.8		4DC	4.5	0.5
	1CC	2.8	2.5		2EG2	0.9	0.4		4DD	2.8	0.3
	1CD	1.9	0.6		2EH	1.6	1.5		4DE	2.2	0.3
	1CE	0.9	0.3		2EJ	1.4	1.3		4EA	11.3	1.3
	1DA	2.1	0.7		2EK	0.4	0.4		4EB	19.6	2.3
	1DB	2.9	0.9		2FA	0.2	0.2		4EC	6.5	0.8
	1DC	1.4	0.5		2FB	0.2	0.2		4ED	8.8	1.0
	1DD	1.5	0.5		2FC	1.8	1.8		4FA	77.8	25.4
	1EA	1.8	0.6		2GA	0.2	0.1		4FB	118.2	117.2
	1EB	1.5	0.5		2GB	0.3	0.2		4GA	46.0	32.6
	1EC	1.0	0.3		2GC	4.1	3.7		4GB	34.7	37.6
	1ED	0.5	0.1		2GD	5.2	5.2		4GC	7.4	10.3
	1EE	1.2	0.4		2H-1	12.8	12.7		4GD	30.3	34.5
	1EF	5.5	6.3		2H-2	3.5	3.7		4GE	52.5	58.7
	1EG	3.8	3.4		2H-3	0.5	0.7		4GF	54.3	70.1
	1FA	2.3	2.5		2J	1.1	2.4		4GG	42.6	63.5
	1FB	2.1	1.5		2KA	6.3	6.7		4HA	22.1	28.0
	1FC	1.9	1.9		2KB	0.9	1.2		4HB	35.5	38.1
	1FD	2.7	2.6		2KC	5.0	4.8		4HC	11.3	12.1
	1FE	4.0	3.2	ACA	3AA	1.9	1.6		4JA	6.8	6.6
	1FF	3.7	3.7		3AB	8.9	9.5		4JB	1.5	4.9
	1FG	11.5	13.5		3AC	5.7	6.1		4KA	6.8	5.7
LVSCA	1GA	1.8	1.7		3BA	5.0	4.4		4KB	8.0	7.5
	1GB	3.6	3.7		3BB	2.7	2.5	ENNCA	5AA	6.0	5.1
	1GC	4.8	4.1		3BC	2.2	1.8		5AB	2.3	2.1
	1GD	9.9	10.4		3BD	3.9	3.5		5AC	3.3	3.1
	1GE	6.1	6.3		3CB	2.1	1.8		5AD	0.6	0.6
	1GF	8.1	8.7		3DA	5.0	5.8		5BA	1.6	1.4
	1GG	1.6	1.7		3DB	6.5	6.9		5BB	1.4	1.1
	1HA1	2.2	2.2		3EA	4.2	5.2		5BC-1	8.1	7.4
	1HA2	7.5	9.1		3EB	5.0	5.8		5BC-2	0.3	0.3
	1HB1	2.2	2.3		3EC	3.6	4.1		5BD	0.8	0.6
	1HB2	1.4	1.2		3ED	4.5	4.6		5BE	10.5	9.5
	1HC	3.2	3.1		3FA	34.6	39.9		5CA	4.7	3.6
	1HD	7.3	6.3		3FB	11.0	12.6		5CB	0.8	0.8
	1HE	7.8	7.6		3G	14.4	15.9		5CC	0.7	0.9
	1HF	4.4	4.1		3HA	2.4	2.6		5DA	29.1	26.5
	1HG	0.7	0.7		3HB	15.0	15.6		5DB	2.8	3.1
	1JA	7.7	6.8		3HC	12.9	10.8		5DC	3.0	2.6
	1JB	2.5	2.2		3HD1	13.4	13.8		5DD	1.0	1.3
	1JC	2.1	1.2		3HD2	1.3	1.0		5EA	27.3	27.1
	1JD	1.3	0.7		3J	8.8	9.6		5EB	51.8	44.2
	1JE	8.7	9.2		3KA	24.7	18.7		5EC	55.1	44.9
	1JF	6.3	4.5		3KB	2.3	1.9		5ED	170.9	157.2
	1JG1	1.1	0.6		3LA	28.7	26.0		5FA	65.3	65.3
	1JG2	1.1	1.1		3LB	3.2	2.6		5FB	5.8	5.3
	1KA	6.5	6.2		3MA-1	16.4	18.2		5G	22.5	25.1
	1KB	32.5	30.5		3MA-2	9.6	7.6		5HA	1.7	1.8
	1KC	23.0	22.7		3MB	13.2	10.3		5HB	4.7	4.6
	1LA1	7.8	7.2		3MC	7.6	6.4		5J	44.0	29.3
	1LA2	3.1	1.2		3MD1	16.1	12.6				
	1LA3	7.2	5.7		3MD2	1.8	1.3				
	1LB1	5.9	3.3		3N	6.4	9.1				
	1LB2	14.1	12.1								

Part B
Irrigation Inventory

IRRIGATION DATA

This Data Book Part B includes the data on irrigation collected for the irrigation water demand projection and irrigation development study during the development of NWMP 2030.

1. Proposed Irrigation Projects under NIB
2. Proposed Irrigation Projects under LBDA
3. Proposed Irrigation Projects under KVDA
4. Proposed Irrigation Projects under TARDA
5. Proposed Irrigation Projects under CDA
6. Proposed Irrigation Projects under ENSDA
7. Proposed Irrigation Projects under ENNDA
8. Existing and Proposed Small Irrigation Schemes
9. Existing Private/Industrial Farms

1. Proposed Irrigation Projects under NIB

Table 1.1 List of Proposed Irrigation Projects under NIB (1/2)

As of October 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh. mil)	Work Progress as of 2012			Priority	Development plan of Executing Agencies
								F/S	D/D	Const		
1.	Mwea Extension	TANA	Kirinyaga	8,910	Ext	Dam (new)	12,900	Done	Done in 2011	2013 -	On-going	Detaied design was completed in 2011. The construction work will be from 2012 to 2016 under JICA loan as well as IDA loan. Annaul irrigation area will increase to 10,000 ha from 7,860 ha, thru construction of Thiba dam and rehabiliattion works, as well as introducing double cropping per year.
2.	Lower Nzoia (Bunyala)	LVN	Busia & Siaya	10,470	New	Weir	2,000	On-going	On-going P-1&2	2014 -	On-going	The project will be implemented in 3 Phases. D/D for Phases I&2 will be completed in 2013 with the World Bank fund. Construction is scheduled to start in 2014.
3.	Lower Sio	LVN	Busia	6,600	New	Dam	3,000	Done in 2011	Done in 2011	2013 -	On-going	F/S and D/D was completed in 2011. Phase-1 construction is on-going.
4.	Lower Kuja	LVS	Migori	7,800	New	Dam	3,500	Done in 2011	Done in 2011	2012 -	On-going	D/D (7,800 ha with weir) was completed in 2011. Dam will be constructed to irrigate 25,000 ha finally. Phase 1 work for 780 ha irrigation has started already. No budget arrangement for Phase 2 onward yet.
5.	Kavunyalalo	ATHI	Kilifi	10,000	New	Weir	6,000	On-going	On-going by 2012	2014 - 2017	High	F/S and D/D is on-going and will complete by the end of 2012.
6.	Rapsu Extension	ENN	Isiolo	420	Reh+Ext	Weir	450	Done in 2011	Done in 2011	2012-	High	D/D was completed in 2011.
7.	Perkera Extention	RV	Baringo	3,000	Reh+Ext	Dam	1,550	On-going	On-going		High	F/S and D/D are on-going. Pre F/S on dam is on-going. Irrigation area is tentatively estimated at 3,000 ha. Pump irrigation scheme (450 ha) is under NIB management. Procurement of consulting service for D/D.
8.	Turkwel & Kerio Valley	RV	Elgeyo/ Marakwet	30,000	Ext+Reh	Dam	15,000	On-going for Dam	On-going		High	Pre F/S of multipurpose dam is on-going. Provision of irrigationfacilties for 5,000 ha. Top priority project from a viewpoint of regional equity.
9.	Mitunguu Extension	TANA	Meru	10,000	Reh+Ext	Dam	10,500	Done	Done in 2011		High	D/D was completed in 2011, NIB is securing fund for construction
10.	Kagaari-Gaturi-Kyeni	TANA	Embu	6,600	New	Dam	3,000	Done	Done in 2011		High	D/D for irrigation systems was completed in 2011. Pre F/S for dam is on-going. Construciton of irrigatrion canal system phase-1 (1,000 ha) will be started in 2012.
11.	Bura West Extension	TANA	Tana river	5,500	Reh+Ext	Weir	2,900	Done	On-going	On-going	High	Located near the NIB's pump irrigation scheme. Bura irrigation is gravity irrigaiton. Constrution of a new gravity intake and 26 km of dilivery canal. Rehabilitation of existing facilties are on-going by fund from BADEA, OFID, Kuwait Fund & GOK.

Table 1.1 List of Proposed Irrigation Projects under NIB (2/2)

as of October 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh. mil)	Work Progress as of 2012			Priority	Development plan of Executing Agencies
								F/S	D/D	Const		
12.	Hola Extention	TANA	Tana River	3,500	Reh+Ext	Weir	4,150	On-going	On-going	On-going	High	Pump irrigation (900 ha) under NIB was stopped in 1989. D/D is on-going. Construction of canals for 50 km is on-going to increase irrigation area from present 870 ha to 3,500 ha.
13.	Rwabura Extension	ATHI	Kiambu	4,360	Ext	Dam	3,150	Done	On-going		High	The project has been centered around two rivers, River Thiririka and Rwabura. The project component includes development of dams, intake, pipe conveyance system to cover 4,360 ha.
14.	Kieni	ENN	Nyeri	3,500	New	Weir	2,600	On-going	On-going		High	Development of the Kieni irrigation scheme aims to irrigate 3,500 ha with a new weir.
15.	Greater Kibwezi Extension	TANA	Kitui	42,000	Ext	Dam	11,300				High	Extention of existing Kibwezi irrigation scheme from present 320 ha to 42,000 ha with a new weir on the Athi river. The water supply for irrigation will be stablised by the Thwake Dam.
16.	Kayatta Extension	ATHI	Machakos	3,500	Ext	Weir					Medium	The proposed Kayatta weir irrigation project is located in the Kanzalu plain. The proejct aims to expand irrigation area from present 200 ha to 3,500 ha.
17.	Upper Nzoia	LVN	Bungoma	7,500				On-going			Medium	NIB's Planned Projects for Vision 2030
18.	Oluch	LVS	Homa Bay	1,100							Medium	NIB's Planned Projects for Vision 2030

Source: Prepared by JICA Study Team 2012 based on data/information from NIB

Remarks: Type of Project: Ext = Extension. Reh = Rehabilitation

Table 1.2 Irrigation Projects Proposed by NIB (1/16)

As of October 2012

Prorject Name	**Mwea Irrigation Development Project**				NIB-01
Location	*Province Name*	Central	*County Name*	Kirinyaga	
	River Catchment	TANA	*Sub Catchment*		
	Distance	100 km east of Narirobi			
Prorject Feature	The scheme covers 7,860 ha irrigation area, the largest irrigation system and largest rice production center in Kenya. Gravity irrigation system was completed in 1954, Irrigation water source is both the Nyamindi river and the Thiba river. Due to water shortage in the dry season and havng irrigation extention possility, construction of the Thiba dam (new), rehabilitation of existing systems, provision of new irrigation system for extention area, and provision of draiange networks have been proposed. Thus the rice productivity can be increased so as to meet with the government's agricultural policy.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	JICA SAPROF was done in 2009 for loan agreement.			
	Detailed Design	Completed in 2011 (Thiba dam and irrigation/drainage systems)			
	Construction	2013-2017			
Finance	JICA (Ksh 10,007 million) + GOK (Ksh 2,911 million)				
Main Project Facilities	*Dam*	Thiba dam: Center core rockfill dam, 40 m high, 10 MCM net storage capacity			
	Headworks (Weir)	No rehabilitation needed for Nyamindi HW (7 m^3/s) & Tiba HW (11 m^3/s)			
	Link Canal	Rehabilitation for LC-I (9.7 km) & LC-II (3.5 km)			
	Irrigation Canal	New Construction (56 km) & Rehabilitation (20 km)			
	Drainage Canal	New Construction for Main/Branch (21 km) & Collector (43 km)			
	Others	Canal related structures (893 nos), Farm/Inspection road (99 km)			
Project Cost	*Civil Works*	Ksh 5,742 million (Dam= Ksh 4,451 million, Canal= Ksh 1,291 million)			
	Other Cost	Ksh 4,265 million (Procureemnt, Enngineering services, Contingencies)			
	Total Cost (loan)	Ksh 10,007 million	GOK Portion	Ksh 2,911 million	
Evaluation	*Economic IRR*	10.4%			
Beficiaries	*Farmhousehold*	4,050	*People:* 20,250		
Land Holding	*Holding Size*	2.2 ha/farmhousehold	*Tennant Operator:* 6,500	*Ratio:* 100%	
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area 7,860 ha*				
	Short Rain Season	Paddy (5,480 ha) + Upland crops (600 ha)			
	Long Rain Season	Paddy (1,780 ha)			
	Cropping Intensity	100% per annum			
	B. Future Conditions (with Project) = Net irrigatiion area 8,910 ha				
	Short Rain Season	Paddy (8,910 ha) + Upland crops (900 ha)			
	Long Rain Season	8,010 ha for Upland crops			
	Cropping Intensity	190% p.a.			
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2015			
	O&M of Main System	NIB Muwea Management Office			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	NIB plans to charge.			
Problmes to be Solved	*Land Acquisition*	407 ha in total (Dam site 213 ha, Irrigation site 194 ha)			
	Relocation of People	623 household (1,551 people), Dan site 538 hh, Irrigation 85 hh.			
	Environmental Issues	None			
	Other Issues	None			
Priority in NIB	Government's top priority for implementaion with fund source (JICA loan). Waiting for bidding and start of construction.				
Data Source	1. Special Assistance for Proejct Formulation (SAPROF) Final Repaort, JICA-Nippon Koei, 2009 2. Resettlement Action Plan Final Report, Aquaclean Services/Pinnacle Valuers Ltd., 2009 3. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (2/16)

As of October 2012

Prorject Name	**Lower Nzoia Weir Irrigation Project**				NIB-02
Location	*Province Name*	West & Nyanza	*County Name*	Busia & Siaya	
	River Catchment	LVN	*Sub Catchment*		
	Distance	80 km northwest of Kisumu			
Prorject Feature	New irrigation development for 10,470 ha. Water source is the Nzoia river. Project will be implemented in 3 phases. D/D for Phases I&2 will be completed in 2013 with World Bank fund. Construction is scheduled to start in 2014.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	F.S completed in 2009			
	Detailed Design	D/D for Phase 1 & 2 works (8,000 ha) will be completed in 2013.			
	Construction	Construction of Phase 1 & 2 works will be done in 2014-2017.			
Finance	World Bank + GOK				
Main Project Facilities	(1) Diversion weir on the Nzoia river (2) Irrigation system for 10,470 ha (3) Drainage canals				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 2,000 million	*GOK Portion*		
Evaluation	*Economic IRR*	12.0%			
Beficiaries	*Farmhousehold*	8,333	*People:*	41,667	
Land Holding	*Holding Size*	1.2 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %	
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 10,470 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2017			
	O&M of Main System	Managed by WUAs			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined			
	Water Fee Payment	To be determined			
Problmes to be Solved	*Land Acquisition*	To be determined			
	Relocation of People	To be determined			
	Environmental Issues	None			
	Other Issues	None			
Priority in NIB	Top priority. Financed by the World Bank aleady.				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (3/16)

As of October 2012

Prorject Name	**Lower Sio Dam Irrigation Project**				NIB-03
Location	*Province Name*	West	*County Name*	Busia	
	River Catchment	LVN	*Sub Catchment*	1AH	
	Distance	100 km northwest of Kisumu			
Prorject Feature	New irrigation development proejct for 6,600 ha. Water source is the Sio and Namaderema rivers. A storage dam (Maira dam), a weir and irrigation sysmtes will be constructed.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	Completed in 2011			
	Detailed Design	Completed in 2011			
	Construction	Phase 1 irrigation system (1,000 ha) is on-going.			
Finance	Government of Kenya (Ksh 3,000 million)				
Main Project Facilities	(1) Maira dam (2) Diversion weir (3) Irrigation system for 6,600 ha (4) Drainage canals				
Project Cost	*Civil Works*	Kshs 3,000 million			
	Other Cost	Kshs 100 million (Procureemnt, Enngineering services, Contingencies)			
	Total Cost	Kshs 3,100 million	*GOK Portion*		
Evaluation	*Economic IRR*	12.0%			
Beficiaries	*Farmhousehold*	5,500	*People:*	27,500	
Land Holding	*Holding Size*	1.2 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %	
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 6,600 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	to be established by 2015			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	NIB plans to charge.			
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in NIB	On-going project by NIB.				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (4/16)

As of October 2012

Prorject Name	**Lower Kuja Irrigation Project**				NIB-04
Location	*Province Name*	Nyanza	*County Name*	Migori	
	River Catchment	LVS	*Sub Catchment*	1KB	
	Distance	100 km southwest of Kisumu			
Prorject Feature	New irrigation development for 7,800 ha. D/D (7,800 ha with weir) was completed in 2011.Water source is the Kuja river. A multipurpose dam (hydropower and irrigation) will be costructed at just downstream of existing hydropower dam. After the completion of the dam, total irrigation area can be expanded to 25,000 ha. Construction of Phae 1 irrigation area (780 ha) has started in 2012. Budget arrangement for remaining part is not done net.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*				
	Detailed Design	D/D for irrigation system was completed in 2011. D/D for dam is on-going.			
	Construction	Phase 1 (780 ha) started in 2012.			
Finance					
Main Project Facilities	(1) Diversion weir on the Kuja river (2) Irrigation system for 7,800 ha (3) Roads				
Project Cost (Irrigatio	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 3,500 million	*GOK Portion*		
Evaluation	*Economic IRR*	12.0%			
Beficiaries	*Farmhousehold*	6,500	*People:*	32,500	
Land Holding	*Holding Size*	1.2 ha/farmhousehold	*Tennant Operator:*		*Ratio:* %
Present and Future Farming Condition	*A. Present Conditions (without project) = rainfed agriculture*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 7,800 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	to be established by 2017			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	NIB plans to charge.			
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in NIB	High				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (5/16)

As of October 2012

Prorject Name	**Kavunyalalo Weir Irrigation Project**				NIB-05
Location	*Province Name*	Coast	*County Name*	Kilifi	
	River Catchment	ATHI	*Sub Catchment*		
	Distance	150 km north of Mombasa			
Prorject Feature	New irrigation development for 10,000 ha. Gravity irrigation system is proposed supplying water from the Athi river.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	On-going and will complete by the end of 2012			
	Detailed Design	On-going and will complete by the end of 2012			
	Construction	2014-2007			
Finance					
Main Project Facilities	(1) Diversion weir (2) Irrigation system for 10,000 ha (3) Roads				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost		*GOK Portion*		
Evaluation	*Economic IRR*	12.0%			
Beficiaries	*Farmhousehold*	5,000	*People:*	25,000	
Land Holding	*Holding Size*	2.0 ha/farmhousehold	*Tennant Operator:*		*Ratio:* %
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 10,000 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2015			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users/ to be determined			
	Water Fee Payment	Farmers to collect O&M for their scheme			
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in NIB	High				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (6/16)

As of October 2012

Prorject Name	**Rapusu Irrigation Extension Project**				NIB-06
Location	*Province Name*	East	*County Name*	Isiolo	
	River Catchment	ENN	*Sub Catchment*		
	Distance	300km from Nairobi through Maua			
Prorject Feature	Rehabilitation and extention of existing Rapsu weir irrigation system. Water source is the Bisanadi river.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	Completed in 2011			
	Detailed Design	Completed in 2011			
	Construction	2012-2013			
Finance	Government of Kenya				
Main Project Facilities	(1) Rehabilitation of existing weir (2) Rehabiloitation of existing canal system (2) Construction of irrigation system for extension area of 400 ha (3) Roads				
Project Cost	*Civil Works*	Kshs 400 million			
	Other Cost	Kshs 50 million (Procureemnt, Enngineering services, Contingencies)			
	Total Cost	Kshs 450 million	GOK Portion	Kshs 450 million	
Evaluation	*Economic IRR*	12.0%			
Beficiaries	*Farmhousehold*	500	*People:*	2,500	
Land Holding	*Holding Size*	2.0 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %	
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area 20 ha*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 400 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	Water Users Association	For extension area, to be established by 2013			
	O&M of Main System	Managed by WUAs			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined			
	Water Fee Payment	NIB plans to charge.			
Problmes to be Solved	Land Acquisition	None			
	Relocation of People	None			
	Environmental Issues	None			
	Other Issues	Scheme area sometimes experiences insecurity issues			
Priority in NIB	High				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (7/16)

As of October 2012

Prorject Name	**Perkera Irrigation Extention Project**				NIB-07
Location	*Province Name*	Rift Valley	*County Name*	Balingo	
	River Catchment	RV	*Sub Catchment*		
	Distance				
Prorject Feature	The Perkera irrigation scheme is an existing pump irrigation scheme (450 ha) managed by NIB. Proposed extensiion scheme is to increase irrigationa rea by 3,000 ha with a construction of a storage dam to increase irrigation water for the dry season cropping.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	On-going for irrigation system. For dam, pre-F/S is on-going.			
	Detailed Design	On-going for irrigation system.			
	Construction				
Finance	Government of Kenya				
Main Project Facilities	(1) Construction of a new dam (2) Rehabilitation of existing weir (3) Rehabiloitation of existing canal system (4) Construction of irrigation system for extension area (5) Roads				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 1,550 million	*GOK Portion*	Kshs 1,550 million	
Evaluation	*Economic IRR*	11.0%			
Beficiaries	*Farmhousehold*	4,286	*People:*	21,429	
Land Holding	*Holding Size*	0.7 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %	
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area 450 ha (pump irrigation)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 3,000 ha (dam irrigation)				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2017			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	NIB plans to charge.			
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in NIB	High				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (8/16)

As of October 2012

Prorject Name	**Trukwel & Kerio Valley Irrigation Extention Project**				NIB-08
Location	*Province Name*	Rift Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV	*Sub Catchment*		
	Distance				
Prorject Feature	Extention of existing irrigation scheme to be 30,000 ha. Water source is the Turkwel and Kerio rivers. A multipurpose dam will be costructed to increase irrigation water supply for the extention area and for the dry season cropping as well as hydropower generation.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	On going for irrigation system and design			
	Detailed Design	On-going for irrigation system.			
	Construction	2013-2018			
Finance	Not decided yet.				
Main Project Facilities	(1) Construction of a new multipurpose dam (2) Rehabilitation of existing weir (3) Rehabiloitation of existing canal system (4) Construction of irrigation system for extension area (5) Roads				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 15,000 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*	20,000	*People:*	100,000	
Land Holding	*Holding Size*	1.5 ha/farmhousehold	*Tennant Operator:*		*Ratio:* %
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigable Area: 30,000 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2017			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined			
	Water Fee Payment	Water Charges payable to WRMA			
Problmes to be Solved	*Land Acquisition*	To be determined			
	Relocation of People	To be determined			
	Environmental Issues	None			
	Other Issues				
Priority in NIB	Top priority project of the government from a viewpoint of regional equity.				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (9/16)

As of October 2012

Prorject Name	**Mitunguu Irrigation Extention Project**				NIB-09
Location	*Province Name*	East	*County Name*	Meru	
	River Catchment	TANA	*Sub Catchment*		
	Distance				
Prorject Feature	Extention of existing Mitunguu irrigation scheme to be 10,000 ha scheme with a storage dam on the Thingithu and Kithino Rivers.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	Feasibility study completed in 2012			
	Detailed Design	Completed for irrigation system in 2012. Detailed design for dams to be procured			
	Construction	2013-2018			
Finance	Not yet				
Main Project Facilities	(1) Construction of a new dam of 66 m high with 53 MCM net storage capacity. (2) Rehabilitation of existing canals (9 km) (3) New canal construction for extension area (100 km long) (4) Roads				
Project Cost	*Civil Works*	Kshs 10,000 million			
	Other Cost	Kshs 500 million (Procureemnt, Enngineering services, Contingencies)			
	Total Cost	Kshs 10,500 million	*GOK Portion*		
Evaluation	*Economic IRR*	12.0%			
Beficiaries	*Farmhousehold*	5,000	*People:*	25,000	
Land Holding	*Holding Size*	2.0 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %	
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area 1,000 ha*				
	Short Rain Season	400 ha			
	Long Rain Season	600 ha			
	Cropping Intensity	100%			
	B. Future Conditions (with Project) = Net Irrigable Area: 10,000 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	200%			
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2018			
	O&M of Main System	Managed by WUAs			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 11,000/acre/year paid by all system users			
	Water Fee Payment	WRMA to charge			
Problmes to be Solved	*Land Acquisition*	500 ha			
	Relocation of People	to be determined			
	Environmental Issues	none			
	Other Issues	none			
Priority in NIB	High				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (10/16)

As of October 2012

Prorject Name	**Kaggari-Gaturi-Kieni Irrigation Project**				NIB-10
Location	*Province Name*	East	*County Name*	Embu	
	River Catchment	TANA	*Sub Catchment*		
	Distance				
Prorject Feature	Extension of existing irrigation scheme (700 ha) to be 6,600 ha irrigation, with a storage dam (19 MCM) on the Thuchi river.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	Feasibility Study	Feasibility study completed			
	Detailed Design	Completed for irrigation system in 2011.			
	Construction	2013-2018			
Finance	Government of Kenya (Ksh 3,000 million)				
Main Project Facilities	(1) New dam of 20 m high with 19 MCM net storage capacity. (2) New weir of 2 m high (3) New canals for extension area (25 km long)				
Project Cost	*Civil Works*	Kshs 2,900 million			
	Other Cost	Kshs 100 million (Procureemnt, Enngineering services, Contingencies)			
	Total Cost	Kshs 3,000 million	*GOK Portion*		
Evaluation	Economic IRR	15.0%			
Beficiaries	Farmhousehold	16,500	*People:*	82,500	
Land Holding	Holding Size	0.4 ha/farmhousehold	*Tennant Operator:*		*Ratio:* %
Present and Future Farming Condition	*A. Present Conditions (without project) = Existing irrigation area 700 ha*				
	Short Rain Season	600 ha			
	Long Rain Season	100 ha			
	Cropping Intensity	100%			
	B. Future Conditions (with Project) = Net irrigation area 6,600 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	200%			
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2017			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined			
	Water Fee Payment	Water Charges payable to WRMA			
Problmes to be Solved	*Land Acquisition*	To be determined			
	Relocation of People	To be determined			
	Environmental Issues	None			
	Other Issues				
Priority in NIB	High				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (11/16)

As of October 2012

Prorject Name	**Bura Irrigation Extention Project**				NIB-11
Location	*Province Name*	East	*County Name*	Meru	
	River Catchment	TANA	*Sub Catchment*		
	Distance				
Prorject Feature	The project is located near the existing NIB's pump irrigation scheme. Rehabilitation works of existing facilties of Bura scheme are on-going by a fund from BADEA, OFID, Kuwait Fund & GOK. The project (Bura extension) is a gravity irrigaiton by coveying water from proposed Nanigi barrage to be constructed on the Tanra river as a component of the High Grand Falls Multipurpose Development Project. A new headrace canal from Nanigi to Bura (26 km long) will be constructed. Total irrigation area will be 5,500 ha.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	Pre-F/S for dam is on-going.			
	Detailed Design	Completed for irrigation system in 2011.			
	Construction	2013-2018			
Finance	Foreign loan (BADEA, OFID, Kuwait Fund) for rehabilitation works (on-going).				
Main Project Facilities	(1) Nanigi barrage to be constructed under the High Grand Falls Mulripurpose Project (2) New headrace canal from Nanigi to Bura (26 km) (3) New canal system construction for extensiona area (5,500 ha) (6) Drainage canals				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 2,900 million	*GOK Portion*		
Evaluation	*Economic IRR*	11.0%			
Beficiaries	*Farmhousehold*	2,391	*People:*	11,957	
Land Holding	*Holding Size*	2.3 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %	
Present and Future Farming Condition	*A. Present Conditions (without project) = rainfed*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 5,500 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	to be established by 2018			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	NIB plans to charge.			
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in NIB	High				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (12/16)

As of October 2012

Prorject Name	**Hora Irrigation Extention Project**			NIB-12
Location	*Province Name*	Coast	*County Name*	Tana River
	River Catchment	TANA	*Sub Catchment*	
	Distance	500 km from Naribi		
Prorject Feature	The existing Hora irrigation scheme under NIB P is am ump irrigation sytem for 900 ha. However the pumping system was stopped in 1989. The project aims to change the scheme to gravity irrigation. The Hora irrigation extension scheme is to extend irrigation area to 3,500 ha by diverting water from the Tana river by new weir and headrace canal.			
Executing Agency	National Irrigation Board (NIB)			
Project Status	*Feasibility Study*	Completed in 2004		
	Detailed Design	On-going to be completed in 2012		
	Construction	2013-2017		
Finance	Government of Kenya			
Main Project Facilities	(1) Construction of a new side weir (2) Construction of a ew headrace canal (4 km long) (3) Rehabilitation of existing canals (20 km long) (4) Construction of new canals for extension area (100 km long) (5) Rehabilitation of existing drainage canals (50 km long) (6) Construction of new drainage canals (100 km long)			
Project Cost	*Civil Works*	Kshs 4,000 million		
	Other Cost	Kshs 150 million (Procureemnt, Enngineering services, Contingencies)		
	Total Cost	Kshs 4,150 million	*GOK Portion*	
Evaluation	*Economic IRR*	13.0%		
Beficiaries	*Farmhousehold*	1,945	*People:*	9,725
Land Holding	*Holding Size*	1.8 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %
Present and Future Farming Condition	*A. Present Conditions (without project) = Existing irrigation area 870 ha*			
	Short Rain Season			
	Long Rain Season			
	Cropping Intensity	200%		
	B. Future Conditions (with Project) = Net Irrigation area 3,500 ha			
	Short Rain Season	3,000 ha		
	Long Rain Season	3,500 ha		
	Cropping Intensity	190%		
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2018		
	O&M of Main System	NIB		
	O&M of On-farm System	Managed by WUAs		
	O&M Fee Payment	Ksh 3,500/acre/year paid by all system users		
	Water Fee Payment	Payable to WRMA		
Problmes to be Solved	*Land Acquisition*	100acres		
	Relocation of People	None		
	Environmental Issues	None		
	Other Issues	None		
Priority in NIB	Priority project of NIB and rehabilition is on-going.			
Data Source	1. NIB Data File 2012			

Table 1.2 Irrigation Projects Proposed by NIB (13/16)

As of October 2012

Prorject Name	**Rwabura Irrigation Development Project**					NIB-13
Location	*Province Name*	Central	*County Name*	Kiambu		
	River Catchment	ATHI	*Sub Catchment*			
	Distance					
Prorject Feature	The project has been centered around two rivers, River Thiririka and Rwabura. The project component includes development of dams, intake, pipe conveyance system to cover 4,360 ha.					
Executing Agency	National Irrigation Board (NIB)					
Project Status	*Feasibility Study*	Completed in July 2012				
	Detailed Design	On-going to be completed in Sept 2012				
	Construction	2013-2017				
Finance	Government of Kenya					
Main Project Facilities	(1) Two dams on the Thiririka river and the Rwabura river (Total storage capacity 22 MCM) (2) New irrigation pipeline (50 km)					
Project Cost	*Civil Works*	Kshs 3,000 million				
	Other Cost	Kshs 150 million (Procureemnt, Enngineering services, Contingencies)				
	Total Cost	Kshs 3,150 million	*GOK Portion*			
Evaluation	*Economic IRR*	11.0%				
Beficiaries	*Farmhousehold*	10,900	*People:*	54,500		
Land Holding	*Holding Size*	0.4 ha/farmhousehold	*Tennant Operator:*		*Ratio:*	%
Present and Future Farming Condition	*A. Present Conditions (without project) = Existing irrigation area 500 ha*					
	Short Rain Season	500				
	Long Rain Season	500				
	Cropping Intensity	100%				
	B. Future Conditions (with Project) = Net Irrigation area 4,360 ha					
	Short Rain Season					
	Long Rain Season					
	Cropping Intensity	200%				
Irrigation System Management	Water Users Association	For extension area, to be established by 2013				
	O&M of Main System	Managed by WUAs				
	O&M of On-farm System	Managed by WUAs				
	O&M Fee Payment	To be determined				
	Water Fee Payment	Water Charges payable to WRMA				
Problmes to be Solved	Land Acquisition	To be determined				
	Relocation of People	To be determined				
	Environmental Issues	None				
	Other Issues					
Priority in NIB	Priority project of NIB and rehabilition is on-going.					
Data Source	1. NIB Data File 2012					

Table 1.2 Irrigation Projects Proposed by NIB (14/16)

As of October 2012

Prorject Name	**Kieni Irrigation Project**				NIB-14
Location	*Province Name*	Central	*County Name*	Nyeri	
	River Catchment	ENN	*Sub Catchment*		
	Distance	100			
Prorject Feature	Development of the Kieni irrigation scheme aims to irrigate 3,500 ha with a new weir.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	Feasibility Study	On-going to be completed in 2012			
	Detailed Design	On-going to be procured			
	Construction	2013-2017			
Finance	Government of Kenya				
Main Project Facilities	(1) Construction of a new weir (2) Construction of irrigation canal system for 3,500 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 2,600 million	*GOK Portion*		
Evaluation	*Economic IRR*	11.0%			
Beficiaries	*Farmhousehold*	1,945	*People:*	9,725	
Land Holding	*Holding Size*	1.8 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %	
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 3,500 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2018			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	NIB plans to charge.			
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in NIB	Priority project of NIB and rehabilition is on-going.				
Data Source	1. NIB Data File 2012				

Table 1.2 Irrigation Projects Proposed by NIB (15/16)

As of October 2012

Prorject Name	**Greater Kibwezi irrigation development project**					NIB-15
Location	*Province Name*	Eastern	*County Name*	Makueni		
	River Catchment	ATHI	*Sub Catchment*			
	Distance					
Prorject Feature	Extention of existing Kibwezi irrigation scheme from present 320 ha to 42,000 ha with a new weir on the Athi river. The water supply for irrigation will be stablised by the Thwake Dam.					
Executing Agency	National Irrigation Board (NIB)					
Project Status	*Feasibility Study*	Not yet. Under procurement				
	Detailed Design	Not yet. Under procurement				
	Construction	2014-2017				
Finance	Government of Kenya					
Main Project Facilities	(1) New construction of Thwake Dam (2) New construction of a diversion weir (3 m high, 40 m overflow crest length) (3) Rehabilitation of existing irrigattion canals (4) New construction of canals for extension areas					
Project Cost	*Civil Works*	Kshs 11,000 million				
	Other Cost	Kshs 300 million (Procureemnt, Enngineering services, Contingencies)				
	Total Cost	Kshs 11,300 million	*GOK Portion*			
Evaluation	*Economic IRR*					
Beficiaries	*Farmhousehold*	23,333	*People:*	116,667		
Land Holding	*Holding Size*	1.8 ha/farmhousehold	*Tennant Operator:*		*Ratio:*	%
Present and Future Farming Condition	*A. Present Conditions (without project) = Existing irrigation area 320 ha*					
	Short Rain Season					
	Long Rain Season					
	Cropping Intensity	200%				
	B. Future Conditions (with Project) = Net Irrigation area 42,000 ha					
	Short Rain Season	24,000 ha				
	Long Rain Season	42,000 ha				
	Cropping Intensity	150%				
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2018				
	O&M of Main System	NIB				
	O&M of On-farm System	Managed by WUAs				
	O&M Fee Payment	To be determined				
	Water Fee Payment	Payable to WRMA				
Problmes to be Solved	*Land Acquisition*	To be determined				
	Relocation of People	To be determined				
	Environmental Issues	None				
	Other Issues	None				
Priority in NIB	Priority project of NIB and rehabilition is on-going.					
Data Source	1. NIB Data File 2012					

Table 1.2 Irrigation Projects Proposed by NIB (16/16)

As of October 2012

Prorject Name	**Kayatta Irrigation Development Project**				NIB-16
Location	*Province Name*	Eastern	*County Name*	Machakos	
	River Catchment	ATHI	*Sub Catchment*		
	Distance				
Prorject Feature	The proposed Kayatta weir irrigation project is located in the Kanzalu plain. The proejct aims to expand irrigation area from present 200 ha to 3,500 ha.				
Executing Agency	National Irrigation Board (NIB)				
Project Status	*Feasibility Study*	Under Procurement			
	Detailed Design				
	Construction				
Finance	Government of Kenya				
Main Project Facilities	Dam	None			
	Headworks (Weir)	To be determined			
	Headrace Canal	To be determined			
	Irrigation Canal	To be determined			
	Drainage Canal	To be determined			
	Others				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost		*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1.8 ha/farmhousehold	*Tennant Operator:*	*Ratio:* %	
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigable Area: 200 ha*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	100%			
	B. Future Conditions (with Project) = Net Irrigable Area: 3,500 ha				
	Short Rain Season	2000			
	Long Rain Season	2000			
	Cropping Intensity	200%			
Irrigation System Management	*Water Users Association*	For extension area, to be established by 2018			
	O&M of Main System	NIB			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	NIB plans to charge.			
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in NIB	Priority project of NIB and rehabilition is on-going.				
Data Source	1. NIB Data File 2012				

2. Proposed Irrigation Projects under LBDA

Table 2.1 List of Proposed Irrigation Projects under LBDA

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh. mil)	Work Progress as of 2012			Priority	Remarks
								F/S	D/D	Const		
1.	Kimira-Oluch	LVS	Homa Bay	1,474	New	Weir	161	Done	Done	On-going	On-going	Irrigation system for 1,474 ha is under construction since 2006 with AfDB fund and GOK fund..
2.	Kano Plain (with Magwagwa HP dam)	LVS	Kisumu/ Homa Bay	12,550	New	Dam (new)	Irrigation 8,000	Done in 1992 On-going (dam)	On-going (dam)		High	Kano plain irrigation project can be developed only after the completion of the Magwagwa Hydropower Project having a dam of 103 MCM capacity and HP generation of 60 MW. F/S and D/D for the dam are on-going since 2010.
3.	Nandi HP Integrated Development Program	LVN	Vihiga / Nandi/ Kisumu	7,140	New	Multi purpose Dam	Total 22,800	Done	Phase 1 done, Phase 2 for irrigation on-going		High	New multipurpose project to construct a multipurpose dam with 275 MCM storage, HP generation of 60 MW, and irrigation of 7,140 ha of farm land in Kano Plains (Miwani, Chemase, Kibigori, Nyakoko & Ramula Area for Irrigations). DD for dam has completed. DD for irrigation system is on-going..
4.	Yala Swamp	LVN	Siaya	4,600	New	Weir	516	Done in 1975	Done in 1975		Low	A total of 4,600 ha is planned for development. Other area of 6,500 ha will remain as environmental buffer zone.
5.	Nandikinya-Magombe-Makunda	LVN	Busia	600	New	Pumping	500				Medium	Conceptual & Pre-feasibilty stage. Water Resources User Association already establis
6.	Sabwani-Kapsitwet-Namanjalala	LVN	Trans Nzoia	800	Reh+Ext	Weir	500				Medium	Conceptual & Pre-feasibilty stage; Water Resources Users Association (BUCAWRUA) already established

Source: Prepared by JICA Study Team 2012

Remarks: Type of Project: Ext = Extension. Reh = Rehabilitation

Table 2.2 Irrigation Projects Proposed by LBDA (1/6)

As of September 2012

Prorject Name	**Kimira-Oluch Irrigation Project**				LBDA-01
Location	*Province Name*	Nyanza	*County Name*	Homa Bay	
	River Catchment	LVS	*Sub Catchment*	1 HE & 1 HD	
	Distance	100 km southwest of Kisumu Town			
Project Feature	Kimira-Oluch Smallholder Irrigation Development Schemes (1,474 ha) is situated along the shores of Lake Victoria, between Kendu Bay and Homa Bay towns. The Schemes have Irrigation Potential of 1,500 ha each. The population density is high and the farm sizes are small (1.3 ha on average). The two schemes were identified during a reconnaisance study carried out in 1985 by Nippon Koei, under contract with LBDA. The reconnaisance study concluded that the two schemes had good potential for Irrigation development based on gravity flow using the waters from the two rivers of awach Kibuon (Kimira) and Awach Tende (Oluch). The net irrigable areas are 808 ha (Kimira) and 666 ha (Oluch). The scheme has 97 blocks in total and both intakes are ready and the conveyance systems are almost ready also. The irrigation system is furrows and basins, mainly for growing of food crops. The main irrigation system is gravity based but also makes provisions for private pumping.				
Executing Agency	Lake Basin Development Authority (LBDA)				
Project Status	*Feasibility Study*	Done by Consortium M/S GFA Terra Systems - CES-CAS			
	Detailed Design	Done by Consortium M/S GFA Terra Systems - CES-CAS			
	Construction	Done by Synohydro and Machiri Construction Companies			
Finance	African Development Bank / GOK				
Main Project Facilities	(1) Headworks: RC Weir 2m high with inlet sluice gates (902 l/s for Kimira, 778 l/s for Oluch) (2) Side canal: 2m wide, 1.25 m/s at full capacity; Fishlader (1.5 m wide, /20 m long) (3) Irrigation Canal-1: Open canal 22.8 km, Pipelines including Siphones 4.5 km (4) Irrigation canal-2: Open canal 8.3 km, Pipeline 18.4 km (5) Drain: Main 45 km, Secondary 27 km, Tertiary 9 km, Improvement of Natural drain 9 km. (6) Road: 1. Total length 12 km, Culvert 25 nos, Access bridge 160 nos				
Project Cost	*Civil Works*	Kshs 115 million			
	Other Cost	Kshs 46 million			
	Total Cost	Kshs 161 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beneficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	0.5 ha/farmhousehold	*Tenant Operator:*	None	Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Area under irrigation: 0 ha*				
	Short Rain Season	Zone 1(0.392), Zone 2 (0.400), Zone 3 (0.400 - 0.611)			
	Long Rain Season	Zone 1 (0.392), Zone 2 (0.400), Zone 3 (0.400 - 0.611)			
	Cropping Intensity	Zone 1 (98%), Zone 2 (100%), Zone 3 (100 - 153%)			
	B. Future Conditions (with Project) = Net Irrigable Area: Kimira = 808 ha Oluch = 666 ha				
	Short Rain Season	Zone 1 (0.959), Zone 2 (0.853), Zone 3 (0.484 - 0.998)			
	Long Rain Season	Zone 1 (0.959), Zone 2 (0.853), Zone 3 (0.484 - 0.998)			
	Cropping Intensity	Zone 1 (192%), Zone 2 (171%), Zone 3 (97 - 200 %)			
Irrigation System Management	*Water Users Association*	Already established for the two separate projects			
	O&M of Main System	Not started yet.			
	O&M of On-farm System	To be managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	To be established when the project becomes operational			
Problmes to be Solved	*Land Acquisition*	Donated by beneficiaries for roads and canals			
	Relocation of People	The affected persons are compensated.			
	Environmental Issues	None			
	Other Issues	None			
Priority in LBDA	Construction is ongoing with funding from AfDB				
Data Source	1. Information from LBDA Documentation Centre 2. M/S GFA Terra Systems/CES Co. Engineers & Salzgitter/CAS Consultants, (Jan. 2004)				

Table 2.2 Irrigation Projects Proposed by LBDA (2/6)

As of September 2012

Prorject Name	**Kano Plain Irrigation Project**				LBDA-02
Location	*Province Name*	Nyanza	*County Name*	Kisumu /Homa Bay	
	River Catchment	LVS	*Sub Catchment*		
	Distance	30 km southeast of Kisumu			
Project Feature	The project is planned to use water released from the proposed Magwagwa Hydropower Project through existing Sondu-Miriu HP station. Irrigation water will be supplemented from the Nando river. F/S and D/D for the dam was started in 2010. The Magwagwa dam is rockfill dam of 95 m high with a storage capacity of 103 MCM. HP generation is 60 MW. Original development plan for the Kano plain irrigation project by JICA FS in 1992 was to irrigate 14,930 ha to use released water from both Sondu-Miriu HP station and the Magwagwa HP station. However released water from Sondu-Miriu HP station is use for the Sangoro HP station (20.6 MW) completed . Therefore the proposed Kano plain irrigation area has reduced to 12,550 ha.				
Executing Agency	Lake Basin Development Authority (LBDA)				
Project Status	*Feasibility Study*	Done in 1992 by JICA. Dam FS on-boing by SMEC International-Australia			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities (Irrigation)	(1) Regulating pond (0.6 MCM) (2) Canal: Main canal (46 km long, max. 16 m^3/s), Secondary canal (213 km long), Tertiary canals (414 km long) (3) Drain: Main and secondary drain (266 km long), Tertiary drain (415 km long) (4) On farm works: Paddy field (3,720 ha), Upland field (8,830 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Ksh 8,000 million	*GOK Portion*		
Evaluation	*Economic IRR*	13.9% (in 1992)			
Beficiaries	*Farmhousehold*	4,200	People: 21,000		
Land Holding	*Holding Size*	3 ha/farmhousehold	*Tennant Operator:*	Ratio:	
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season	Cotton			
	Long Rain Season	Maize, Sorghum, Pulses			
	Cropping Intensity	41% ~ 118%			
	B. Future Conditions (with Project) = Net irrigation area 12,550 ha				
	Short Rain Season	Beans, Paddy, Vegetables			
	Long Rain Season	Paddy, Maize, Vegetable\			
	Cropping Intensity	200%			
Irrigation System Management	Water Users Association	to be established			
	O&M of Main System	LBDA			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment				
Problmes to be Solved	Land Acquisition				
	Relocation of People				
	Environmental Issues	Water quality problem due to drainage from agro-processing factory in the Nyando river			
	Other Issues	Possibility of Vector-bone diseases			
Priority in LBDA	High				
Data Source	1. Information from LBDA 2. Feasibility Study on Kano Plain Irrigation Project by JICA in Janaury 1992				

Table 2.2 Irrigation Projects Proposed by LBDA (3/6)

As of September 2012

Prorject Name	**Nandi HP Integrated Development Project**				LBDA-03
Location	*Province Name*	Western	*County Name*	Vihiga / Nandi/Kisumu	
	River Catchment	LVN	*Sub Catchment*	1FE	
	Distance	60 km northeast of Kisumu			
Prorject Feature	Scheme irrigation area is 7, 410 ha in total. Phase-1 area (3,210 ha) is a part of the Kano plain. Irrigation for the project is a piped irrigation system covering the Miwani, Chemase & Kibogori sugar belts. Phase 2 area will cover 4,200 ha in Miwani and Nyakoko.				
Executing Agency	Lake Basin Development Authority (LBDA)				
Project Status	*Feasibility Study*	TYPSA & AMA of Spain			
	Detailed Design	Detailed design is completed for Hydropower & Irrigation Phase 1; etailed design for Irrigation Phase 2 on-going			
	Construction				
Finance	Seek fund				
Main Project Facilities (Irrigation only)	(1) Conveyance system with 14 km tunnel. (2) Irrigation system for Phase-1 area: Irrigation pipeline (1,425 km in total length) (3) Irrigation system for Phase-2 area: Irrigation pipeline (10,187 km in total length) (4) Drainage canal: 47 km long for Phase-1 and , 152 km long for Phase-2 (5) Hydrants: 194 nos for Phase-1 and 266 nos for Phase-2				
Project Cost	*Civil Works*	Kshs 3,454 million			
	Other Cost	Kshs 1,683 million			
	Total Cost	Kshs 5,137 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season	Sugar cane plantation			
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 7,410 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	Established			
	O&M of Main System				
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues	Environmental problem claimed by NGO			
	Other Issues				
Priority in LBDA	Low				
Data Source	1. Information from LBDA 2.				

Table 2.2 Irrigation Projects Proposed by LBDA (4/6)

As of September 2012

Prorject Name	**Yala Swamp RecIamation and Development Project**				LBDA-04
Location	*Province Name*	Nyanza	*County Name*	Siaya	
	River Catchment	LVN	*Sub Catchment*		
	Distance	80 km northwest of Kisumu			
Project Feature	The project consists of reclamation and development works, starting with the reconstruction of the Yala river dyke, followed by the upgrading of Yala diversion canal in order to ensure unobstructed outflow of the river water. After the construction of the main outlet structure, there are Hwiro river diversion canal and Lake Kanyaboli dyke and spillway to rehabilitate. The main drainage system will be constructed before irrigation system development. The total irrigation area of the project is 6,500 ha. Other area hwill remain as environmental buffer zone. Feaibility of the project is low and difficult to justify because drainage solutiion is very expensive.				
Executing Agency	Lake Basin Development Authority (LBDA)				
Project Status	*Feasibility Study*	Done in 1975 by De Weger et al., Finacial Feasibility in 1987			
	Detailed Design	Done in 1975 by De Weger *et al.*			
	Construction				
Finance	not yet				
Main Project Facilities	(1) Dyke, (2) Yala river diversion canal, (3) Lake Knyaboli dyke, (4) Hwiro river diversion canal, (5) Irrigation canal system, (5)Drainage canals.				
Project Cost	*Civil Works*	Kshs 459 million (estimate in 1987)			
	Other Cost	Kshs 57 million			
	Total Cost	Kshs 516 million (1987)	*GOK Portion*		
Evaluation	*Economic IRR*	- 4.1% (negative)			
Beficiaries	*Farmhousehold*	3,330	*People:*		
Land Holding	*Holding Size*	2.4 ha/farmhousehold	*Tennant Operator:*		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Cultivable area (raifed) 8,000 ha*				
	Short Rain Season	Sunflower, Fallow, 50% sorghum, 50% fallow			
	Long Rain Season	Groundnuts, Maize, Beans and Cotton			
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 6,500 ha				
	Short Rain Season	Beans, Sorghum			
	Long Rain Season	Maize, Cotton, Beans			
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	Not established yet			
	O&M of Main System				
	O&M of On-farm System				
	O&M Fee Payment				
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in LBDA	Low				
Data Source	1. Information from LBDA 2012 2. F/S Reort by Grabowsky & Poort B.V. Consulting Engineers et al. (April, 1987)				

Table 2.2 Irrigation Projects Proposed by LBDA (5/6)

As of September 2012

Prorject Name	**Nandikinya-Magombe-Makunda Irrigation Project**				LBDA-05
Location	*Province Name*	Western	*County Name*	Busia	
	River Catchment	LVN	*Sub Catchment*	1EF	
	Distance	120 km west of Kisumu adjacent to NIB Bunyala Rice Scheme			
Project Feature	The proposed scheme area covers the lower parts of Bunyalla irrigation scheme and utilises the outflow/ drainage water from NIB Bunyala scheme. The project is intended to open upo the fallow land that exists in the Magombe area. After project implementation a total area would cover approx. 600 ha.				
Executing Agency	Lake Basin Development Authority (LBDA)				
Project Status	*Feasibility Study*	Not yet. Concept/proposal level only			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) Small dam (to be determined after the study) (2) Pumping station (3) Irrigation canal system (4) Drainage canals				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)	Kshs 500 million (estimate)	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	2.2 ha/farmhousehold	*Tennant Operator:*		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) =*				
	Short Rain Season	500 acres paddy			
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area: 600 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	Water User Association already established			
	O&M of Main System	System not in place			
	O&M of On-farm System				
	O&M Fee Payment				
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues	None			
	Other Issues	None			
Priority in LBDA	Medium				
Data Source	1. Information from LBDA				

Table 2.2 Irrigation Projects Proposed by LBDA (6/6)

As of September 2012

Prorject Name	**Sabwani Namanjalala small holder Irrigation Project**				LBDA-06
Location	*Province Name*	Western	*County Name*	Trans Nzoia	
	River Catchment	LVN	*Sub Catchment*	1BE	
	Distance	220 km north of Kisumu & 20 km north of Kitale			
Project Feature	The proposed scheme area (800 ha) covers the flooding areas of the River Sabwani/Namanjalala/ Kapsitwet dam. The project area may be secured by improving the drainage channels				
Executing Agency	Lake Basin Development Authority (LBDA)				
Project Status	*Feasibility Study*	Not yet. Concept/proposal level only			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) Desiliting of existing Water pan (2) Improvement of drainage system (3) Construction of new irrigation canal systme				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)	Kshs 500 million (estimate)	GOK Portion		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	Tennant Operator:		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season	Vegetables			
	Long Rain Season	Maize & Beans			
	Cropping Intensity	30%			
	B. Future Conditions (with Project) = Net Irrigation Area: 800 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	Water User Association to be established after study			
	O&M of Main System				
	O&M of On-farm System				
	O&M Fee Payment				
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues	None			
	Other Issues	None			
Priority in LBDA	Medium				
Data Source	1. Information from LBDA				

3. Proposed Irrigation Projects under KVDA

Table 3.1 List of Proposed Irrigation Projects under KVDA (1/4)

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh mil)	Work Progress as of 2012			Priority in KVDA	Development plan of Executing Agencies
								F/S	D/D	Const		
1.	Turkwel Dam Irrigation Project	RV	West Pokot/ Turkana	5,000	New	Multipurpose dam (existing)	10,000	Done	Not yet		Top Priority	The Turkwel dam was completed in 1991, which has a net storage capacity of 1,600 MCM. The dam is a multipurpose for water suppy and irrigation. The Turkwel irrigation project is to irrigate 5,000 ha to improe food security
2.	Arror Multipurpose Dam Irrigation Project	RV	Elgeyo Marakwet	10,000	New+Ext	Multipurpose dam (60 MCM)	23,643	Done	Not yet		Top Priority	The proejct involves contruction of a multipurpose dam with 60 MCM storage, to be used for hydropower generation of about 80 MW. Irrigation development of 10,000 ha possible. KVDA has developed 150 ha so far under sorghum through intake weir.
3.	Todonyang-Omo Dam Irrigation Project	RV	Turkana	10,000	New	Multipurpose dam (in Ethiopia)	20, 000	Pre-FS done	Not yet		High	The project is an international project between Kenya and Ethiopia. A dam for hydropower generation will be constructed on the Omo river in Ethiopia. Irrigation development is planned at downstream of Omo in Kenya for 10,000 ha.
4.	Oke-Kipsaa Dam Irrigation Project	RV	Baringo	1,080	New	Multipurpose Dam (8.1 MCM)	900	Pre-FS done	Not yet		High	The project is to develop 1,080 ha irrigation by the Oke-Kipsaa dam (8.1 MCMC storage) serving water not only for irrigation but water supply and livestock.
5.	Murung-Sebit Dam Irrigation Project	RV	West Pokot	850	New	Multipurpose Dam (13 MCM)	800	Pre-FS done	Not yet		High	The project is to develop 850 ha irrigation by the Oke-Kipsaa dam (13 MCM storage) serving water not only for irrigation but water supply and livestock.
6.	Namerit Dam Irrigation Project	RV	Turkana	2,000	New	Dam (10 MCM)	3,000	Pre-FS done	Not yet		High	The project is proposed to develop water source by a small dam (10 MCM storage) to provide water for irrigation (1,000 ha), domestic water supply, livestock and fish farming, and industrial use.
7.	Lomut Dam Irrigation Project	RV	West Pokot	850		Dam (10 MCM)	1,600	Pre-FS done	Not yet		High	The project is proposed to develop water source by a small dam (10 MCM storage) to provide water for irrigation (850 ha), domestic water supply, livestock and fish farming, and industrial use.
8.	Embobut Dam Irrigation Project	RV	Elgeyo Marakwet	2,000	Ext	Dam (3.8 MCM)	1,180	Pre-FS done	Not yet		High	A multipurpose dam with a storage capacity of 3.8 MCM is proposed. The irrigation potential of the area as a result of the dam development is about 2,000 ha.
9.	Embomon Dam Irrigation Project	RV	Elgeyo Marakwet	800	New	Small dam (1.5 MCM)	300	Pre-FS done	Not yet		High	Newly proposed project along Nauwia river near Arror in Marakwet District. A small dam (1.5 MCM storage) would provide water for irrigation (800 ha) and domestic use by Kenyans in Elgeiyo Marakwet County.

Table 3.1 List of Proposed Irrigation Projects under KVDA (2/4)

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh mil)	Work Progress as of 2012			Priority in KVDA	Development plan of Executing Agencies
								F/S	D/D	Const		
10.	Chebaram-Kimose Irrigation project	RV	Baringo	650	New	Dam (4 MCM)	600	Pre-FS done	Not yet		High	A dam (4 MCM storage) would provide water for irrigation (650 ha) and domestic use by Kenyans in Elgeiyo Marakwet County.
11.	Sirwe-Sabor Kimau Irrigation Project	RV	Baringo	220	New	Small dam (1.4 MCM)	300	Pre-FS done	Not yet		High	A small dam (1.4 MCM storage) would provide water for irrigation (220 ha) and domestic use.
12.	Kakuma Irrigation project	RV	Turkana	700	New	Dam (8 MCM)	2,000	Pre-FS done	Not yet		High	The project aims to develop water ressource by a dam (8 MCM storage) to provide water for irrigation (700 ha) and domestic use.
13.	Ngelecha Sinoni Irrigation Project	RV	Baringo	460	New	Small dam (1.5 MCM)	160	Pre-FS done	Not yet		Medium	A small dam (1.5 MCM storage) would provide water for irrigation (460 ha) and domestic use.
14.	Yatya-Sibilo Irrigation Project	RV	Baringo	300	New	Small dam (1.1 MCM)	160	Pre-FS done	Not yet		Medium	A small dam (1.1 MCM storage) would provide water for irrigation (300 ha) and domestic use.
15.	Chemariat-Kimoriot Dam Irrigation Project	RV	Baringo	375	New	Small dam (3.3 MCM)	210	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (3.3 MCM storage) to provide water for irrigation (375 ha) and domestic use.
16.	Sirwon-Katuiya-Amaya Dam Irrigation Project	RV	Baringo	210	New	Small dam (1.1 MCM)	190	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.1 MCM storage) to provide water for irrigation (210 ha) and domestic use.
17.	Kelelwa-Kamar-Lokiri Dam Irrigation Project	RV	Baringo	470	New	Small dam (1.1 MCM)	260	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.1 MCM storage) to provide water for irrigation (470 ha) and domestic use.
18.	Emsoo Kapsogom Irrigation Project	RV	Elgeyo Marakwet	400	New	Small dam (1.0 MCM)	230	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.1 MCM storage) to provide water for irrigation (400 ha) and domestic use.
19.	Sook-Enopugh-Mtelo Irrigation Project	RV	West Pokot	100	New	Small dam (1.3 MCM)	200	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.3 MCM storage) to provide water for irrigation (100 ha) and domestic use.

Table 3.1 List of Proposed Irrigation Projects under KVDA (3/4)

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh mil)	Work Progress as of 2012			Priority in KVDA	Development plan of Executing Agencies
								F/S	D/D	Const		
20.	Kiplus-Emyat Dam Irrigation Project	RV	Elgeyo Marakwet	150	New	Small dam (1.0 MCM)	150	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.0 MCM storage) to provide water for irrigation (150 ha) and domestic use.
21.	Chesegon Dam Irrigation Project	RV	Elgeyo Marakwet/ West Pokot	500	New	Small dam (1.0 MCM)	250	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.0 MCM storage) to provide water for irrigation (500 ha) and domestic use.
22.	Chesongoch Dam Irrigation Project	RV	Elgeyo Marakwet	1,000	New	Small dam (1.0 MCM)	500	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.0 MCM storage) to provide water for irrigation (1000 ha) and domestic use.
23.	Mogil Kiptunos Dam Irrigation Project	RV	Elgeyo Marakwet	500	New	Small dam (1.0 MCM)	250	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.0 MCM storage) to provide water for irrigation (500 ha) and domestic use.
24.	Nauwia Dam Irrigation Project	RV	Elgeyo Marakwet	500	New	Small dam (1.0 MCM)	250	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.0 MCM storage) to provide water for irrigation (500 ha) and domestic use.
25.	Torok Dam Irrigation Project	RV	Elgeyo Marakwet	500	New	Small dam (1.0 MCM)	250	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.0 MCM storage) to provide water for irrigation (500 ha) and domestic use.
26.	Chebuskech Dam Project	RV	Baringo	480	New	Small dam (1.9 MCM)	650	Pre-FS done	Not yet		Medium	A small dam (1.9 MCM storage) would provide water for irrigation (480 ha) and domestic use by Kenyans in Elgeiyo Marakwet County.
27.	Yeptos-Kimiren Irrigation Project	RV	Baringo	350	New	Dam (3 MCM)	360	Pre-FS done	Not yet		Medium	A dam (3 MCM storage) would provide water for irrigation (350 ha) and domestic use.
28.	Ainabkoi Kamwosor Dam Irrigation Project	RV	Elgeyo Marakwet	500	New	Small dam (1.5 MCM)	200	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.5 MCM storage) to provide water for irrigation (500 ha) and domestic use.
29.	Embolot Dam Irrigation Project	RV	Elgeyo Marakwet	500	New	Small dam (1.0 MCM)	250	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.0 MCM storage) to provide water for irrigation (500 ha) and domestic use.

Table 3.1 List of Proposed Irrigation Projects under KVDA (4/4)

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh mil)	Work Progress as of 2012			Priority in KVDA	Development plan of Executing Agencies
								F/S	D/D	Const		
30.	Tunyo Dam Irrigation Project	RV	Elgeyo Marakwet	500	New	Small dam (1.0 MCM)	250	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1.0 MCM storage) to provide water for irrigation (500 ha) and domestic use.
31.	Kwalathe Dam Project	RV	Turkana	400	New	Small dam (5 MCM)	1,500	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (5 MCM storage) to provide water for irrigation (400 ha) and domestic use.
32.	Kalemng'orok Dam Project	RV	Turkana	300	New	Small dam (3 MCM)	800	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (3 MCM storage) to provide water for irrigation (300 ha) and domestic use.
33.	Weseges Dam Irrigation Project	RV	Baringo Marigat district	470	New	Small dam (5 MCM)	260	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (5 MCM storage) to provide water for irrigation (470 ha) and domestic use.
34.	Kipkukutia Dam Irrigation Project	RV	Baringo	600	New	Small dam (4.6 MCM)	900	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (4.6 MCM storage) to provide water for irrigation (600 ha) and domestic use.
35.	Lorrogi Irrigation Project	RV	Samburu	450	New	Small dam (1 MCM)	250	Pre-FS done	Not yet		Medium	The project is proposed to develop water source by a small dam (1 MCM storage) to provide water for irrigation (450 ha) and domestic use.

Source: KVDA in 2012

Remarks: Type of Project: Ext = Extension. Rehab = Rehabilitation

Table 3.2 Irrigation Projects Proposed by KVDA (1/35)

As of September 2012

Prorject Name	**Turkwel Dam Irrigation Project**				KVDA-01
Location	*Province Name*		*County Name*	West Pokot/Turkana	
	River Catchment	RV - Suam in Mt Elgon	*Sub Catchment*	2BB	
	Distance	300 km north of Eldoret			
Project Feature	The Turkwel dam was completed in 1991, which has a net storage capacity of 1,600 MCM. The dam is a multipurpose for water suppy and irrigation. The Turkwel irrigation project is to irrigate 5,000 ha to improe food security and fostering peace and development among the Turkana and Pokot people at the boarder. Cattle rustling has been a perenial challenge to rural development in West Pokot and Turkana County. Developing the irrigation potential of 5,000 ha in Turkwel downstream has the potential to ensure the two Counties are food secure. Already, KVDA is working on rehabiolitation and development of 150 acres of land in Loyapat which is part of Turkwel downstream irrigation programmes. Other areas earmarked for irrigation programmes under Turkwel downstream irrigation projects include Kapelipok, Kalemunyang', and Juluk. There is also potential for fish farming especially value addition and marketing of fish already stocked in Turkwel dam improving on incomes among the people in the region and in the neighbouring Counties of Trans Nzoia, Elgeiyo Marakwet, Bungoma County, and Uasin Gishu County. Water also needs to be supplied to cover as many people as possible both in Turkana and West Pokot Counties. Catchment conservation activities in Suam region of West Pokot County is an integral part of the irrigation project because it will ensure increased flow of water in the Turkwel river. Catchment conservation would ensure sustainable irrigation led activities in both Turkana and West Pokot Counties.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Done			
	Detailed Design	Not yet			
	Construction				
Finance	proposed ,not determined yet				
Main Project Facilities	(1) Turkana multipurpoe dam - existing - (1,600 MCM storage) (2) Irrigation system (for 5,000 ha) (3) Road				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 10,000 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = No Irrigation*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 5,000 ha				
	Short Rain Season				
	Long Rain Season	Maize, Sorghum, etc.			
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	to be formed			
	O&M of Main System	kvda			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	kvda			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	N/A			
	Relocation of People	will be necessary			
	Environmental Issues	EIA has been done			
	Other Issues	insecurity,is at border of pokot and turkana county			
Priority in KVDA	Top priority				
Data Source	1. Information from KVDA 2.				

Table 3.2 Irrigation Projects Proposed by KVDA (2/35)

As of September 2012

Prorject Name	**Arror Multipurpose Dam Irrigation Project**				KVDA-02
Location	*Province Name*	Rift Valley	*County Name*	Elgeyo / Marakwet	
	River Catchment	RV - Cherangany hills	*Sub Catchment*	2CB	
	Distance	110 km northeast of Eldoret			
Prorject Feature	The proejct involves contruction of a multipurpose dam with 60 MCM storage, to be used for hydropower generation of about 80 MW. Irrigation development of 10,000 ha possible. KVDA has developed 150 ha so far under sorghum through intake weir. The land is fertile and productivity is high and thus the need to expand the irrigation scheme. The irrigation potential will not only improve food security in Elgeiyo Marakwet County but also in the neighbouring Counties of West Pokot, Baringo and Turkana. Also, there will be availability of enough water for domestic use which would improve the living standards of about 30,000 people. The community around the Arror dam are pastoralist and the availability of sufficient water would also promote livestock and fisheries development. The Arror river originates from Cherangany Hills Watershed which is facing degradation due to human and livestock encroachment.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Done by Iranian NTM and China CAMC Engineering Co. Ltd in 2011			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpsoe dam (60 MCM) (2) Hydropower plant (80 MW) (3) Irrigation & drainage system (for 10,000 ha) (4) Roads				
Project Cost	*Civil Works*	Dam, hydropwer plant and irrigation & drainage system			
	Other Cost				
	Total Cost	Kshs 23,643 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*	5,000	*People:*	30,000	
Land Holding	*Holding Size*	1.0 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area 150ha*				
	Short Rain Season	Green grams			
	Long Rain Season	Sorghum, Seed, Maize			
	Cropping Intensity	70%			
	B. Future Conditions (with Project) = Net Irrigation Area 10,000 ha				
	Short Rain Season	Green grams			
	Long Rain Season	Sorghum			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	To be formed			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA,and farmers association			
	O&M Fee Payment	KVDA			
	Water Fee Payment	To be determined at the right time			
Problmes to be Solved	*Land Acquisition*	communial ownership available			
	Relocation of People	will be necessary to establish dam and irrigation system			
	Environmental Issues	EIA will be undertaken			
	Other Issues	catchment conservation			
Priority in KVDA	Top Priority				
Data Source	1. Information from KVDA 2. IranianNTM and China CAMC Engineering Co. Ltd				

Table 3.2 Irrigation Projects Proposed by KVDA (3/35)

As of September 2012

Prorject Name	**Todonyang-Omo Dam Irrigation Project**				KVDA-03
Location	*Province Name*	Rift Valley	*County Name*	Turkana	
	River Catchment	RV - Omo river	*Sub Catchment*	Ethiopian	
	Distance	300 km north of Lodwar town			
Project Feature	New project to be developed on the kenyan side of the Omo river, it is used for hydropower generation on the Ethiopian side. The Omo river flow was about 16 BCM per annum. The project is a bilateral irrigation project to be undertaken by both Kenya and Ethiopia once an agreement is reached. The proposed dam will be constructructed in the Ethiopian side while irrigation will be undertaken in Todonyang' in Kenya. The Omo river flows and becomes a delta in Kenya making it not possible for dam construction. Successful implementation of the irrigation project will boost cross border peace and spur economic development in both Kenya and Ethiopia. The project will improve relationship between Kenya and Ethiopia especially with peaceful coexistence between Kenyans and Ethiopians at the Border. The poverty levels would be reduced through in part attainment of food security. Also, the dam would help to mitigate against floods and flood related calamities. The irrigation project (10,000 ha) would also promote regional trade or cross border trade between Ethiopia and Kenya which could spill over to Southern Sudan and Uganda. Water would also be made available for domestic use, livestock and fisheries development.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpose dam in Ethiopian side (2,000 MCM capacity) for hydropower and irrigation (2) Irrigation system for 10,000 ha (3) Other related facilities				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 20,000 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*	*Ratio:*	
Present and Future Farming Condition	*A. Present Conditions (without project) = No Irrigation Area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 10,000 ha				
	Short Rain Season				
	Long Rain Season	Dates, Mangoes, Olive, Grapes			
	Cropping Intensity				
Irrigation System Management	Water Users Association	to be formed			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	to be detemined			
	Water Fee Payment	"			
Problmes to be Solved	Land Acquisition	necessary			
	Relocation of People	"			
	Environmental Issues	EIA required			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2.				

Table 3.2 Irrigation Projects Proposed by KVDA (4/35)

As of September 2012

Prorject Name	**Oke-Kipsaa Dam Irrigation Project**				KVDA-04
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Tugen Hills	*Sub Catchment*	2CB	
	Distance	15 km sw of kabarnet			
Project Feature	The proposed Oke-Kipsaa dams are located in Kisok Location, Baringo central, about 40 km from kabarnett town .The construction of the dam is aimed at regulating the river flows and to help reduce the annual flood menace to downstream habitants and to enhance food security through irrigation. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. In addition, the dam and resultant agricultural activities would ensure conservation of the Tugen Hills catchment conservation. The project therefore would contribute to national and international development goals including Vision 2030 and the MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance	proposed ,not determined yet				
Main Project Facilities	(1) Multipurpoe dam (effective storage 8.1 MCM) for irrigation, water supply and livestock (2) Irrigation system (for 1,080 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 900 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Net irrigation area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation are 1,080 ha				
	Short Rain Season	Water melon, Pawpaw, Onions			
	Long Rain Season	Maize			
	Cropping Intensity	100%			
Irrigation System Management	Water Users Association	will be established			
	O&M of Main System	by kvda			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	Land Acquisition	land is available ,project belongs to the community			
	Relocation of People	to be done			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation				

Table 3.2 Irrigation Projects Proposed by KVDA (5/35)

As of September 2012

Prorject Name	**Murung**				KVDA-05
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	West Pokot	
	River Catchment	RV - Suam;mt Elgon	*Sub Catchment*	2BB	
	Distance	50 km northeast of Kapenguria			
Project Feature	New proposed project along Murung river in West Pokot County. The dam would be used to open up irrigation project of 850 ha with a potential for highly productive agricultural production. The dam will provide water for domestic use, livestock and fish farming and industrial use. This would increase economic activities in West Pokot County through agricultural production culminating in improvement of food security and increase in incomes. Environmental conservation would form part of the irrigation-led agriculture in the quest to achieve sustainable livelihoods for the people of West Pokot County. The irrigation projects in West Pokot will be used to foster economic productivuty and deal with the perenial issue of cattle rustling related conflicts that have impeded development over a long period of time.				
Executing Agency	kerio valley development authority (KVDA)				
Project Status	*Feasibility Study*	Not done, but pre-feasibility study indicate high potential			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 13 MCM) for irrigation, water supply and livestock (2) Irrigation system (for 850 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 800 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	2 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation are ble 850 ha				
	Short Rain Season	vegetables			
	Long Rain Season	maize sorghum horticulture/mangoes			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	will be established			
	O&M of Main System	kvda			
	O&M of On-farm System	WRUA and farmers association			
	O&M Fee Payment	To be determined			
	Water Fee Payment	To be determined			
Problmes to be Solved	*Land Acquisition*	Communial land ownership,the project will be done for the community			
	Relocation of People	Necessary,the area is sparse populated			
	Environmental Issues	To be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minitry of Water and Irrigation - West Pokot				

Table 3.2 Irrigation Projects Proposed by KVDA (6/35)

As of September 2012

Prorject Name	**Namerit Dam Irrigation Project**				KVDA-06
Location	*Province Name*	Rift Valley	*County Name*	Turkana	
	River Catchment	RV - Turkwel river	*Sub Catchment*	2D	
	Distance	100 km South of Lodwar town			
Project Feature	This is a new project to be developed in the Turkwel river. The dam will provide water for irrigation, domestic use, livestock and fish farming and industrial use. This would increase economic activities in Turkana County through agricultural production culminating in improvement of food security in Turkana County. Environmental conservation would form part of the irrigation-led agriculture in the quest to achieve sustainable livelihoods for the people of Turkana County. This is because the dam will also be used to mitigate perenial flood challenge that causes among others soil erosion, lose of life and property thus impeding economic development in the region. Stimulating economic activities in Turkana would also increase incomes and hence the human development conditions of high levels of education and access to health care. The irrigation projects in Turkana will be used to foster economic productivuty and deal with the perenial issue of cattle rastling related conflicts that have impeded development over a long period of time.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 10 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 2,000 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 3,000 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = No Irrigaion area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 2,000 ha				
	Short Rain Season				
	Long Rain Season	Sorghum, Maize, Dates			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	to be formed			
	O&M of Main System	KVDA			
	O&M of On-farm System	wrua			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2.				

Table 3.2 Irrigation Projects Proposed by KVDA (7/35)

As of September 2012

Prorject Name	**Lomut Dam Irrigation Project**				KVDA-07
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	West Pokot	
	River Catchment	RV - Kerio Valley	*Sub Catchment*	2BB	
	Distance	70 km northeast of Kapenguria			
Project Feature	This is a new proposed dam project along Lomut river in West Pokot County. The dam would be used to open up irrigation project of 850 ha with a potential for highly productive agricultural production. The dam will provide water for domestic use, livestock and fish farming and industrial use. This would increase economic activities in West Pokot County through agricultural production culminating in improvement of food security and increase in incomes. Environmental conservation would form part of the irrigation-led agriculture in the quest to achieve sustainable livelihoods for the people of West Pokot County. The irrigation projects in West Pokot will be used to foster economic productivuty and deal with the perenial issue of cattle rustling related conflicts that have impeded development over a long period of time.				
Executing Agency	kerio valley development authority(KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	not done			
	Construction	Proposed for construction			
Finance	proposed ,not determined yet				
Main Project Facilities	(1) Multipurpoe dam (effective storage 10 MCM) for irrigation, water supply and livestock (2) Irrigation system (for 850 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 1,600 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigable area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 850 ha				
	Short Rain Season				
	Long Rain Season	Maize, Sorghum, Horticulture			
	Cropping Intensity	100%			
Irrigation System Management	Water Users Association	N/A			
	O&M of Main System	kvda			
	O&M of On-farm System	wrua			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	Land Acquisition	necessary			
	Relocation of People	necessary			
	Environmental Issues	to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (8/35)

As of September 2012

Prorject Name	**Embobut Dam Irrigation Project**				KVDA-08
Location	*Province Name*	Rift Valley	*County Name*	Elgyo Marakwet	
	River Catchment	RV - Cherangany hills	*Sub Catchment*	2CB	
	Distance	60 km north of Kapsowar			
Project Feature	A multipurpose dam with a storage capacity of 3.8 MCM is proposed. The irrigation potential of the area as a result of the dam development is about 2,000 ha. The dam has a potential of hydropower estimated at 45MWs and will help to add to the national grid and also rural electrification in Embobut area and its environs. There exists traditional furrows utilized by the farmers for small scale irrigation. Currently 300 ha of irrigable land is being developed with a weir diversion by Red Cross and KVDA situated in Koibirir lacation, Marakwet East. The Embobut river is permanent with a mean annual flow of 3.2m3/s. The river source is Cherangany Hills Watershed. The irrigation and power projects will assist in the Conservation of Cherangany Hills watershed through the increase in high productive agricultural activities when all the 2,000 ha. are put under irrigation. Conservation of the watershed would increase the warer regime of Embobut river increasing the irrigation potential in the region. Embobut river is of importance also in West Pokot and Turkana Counties through provision of water for irrigation.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Done			
	Detailed Design	Not yet			
	Construction				
Finance	proposed ,not determined yet				
Main Project Facilities	(1) Dam (3.8 MCM effective storage capacity) (2) Irrigation system for 2,000 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 1,180 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		People:		
Land Holding	*Holding Size*	1 ha/farmhousehold	Tennant Operator:		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigable Area 300ha*				
	Short Rain Season	Pulses; Greengrams, Cowpeas			
	Long Rain Season	Sorghum,maize, Horticulcure			
	Cropping Intensity	35%			
	B. Future Conditions (with Project) = Net Irrigable Area 2000ha				
	Short Rain Season	vegetables and Pulses			
	Long Rain Season	Sorghum, Maize			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	To be established			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA and Farmers Associations			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues	catchment conservation			
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. IranianNTM and China CAMC Engineering Co. Ltd				

Table 3.2 Irrigation Projects Proposed by KVDA (9/35)

As of September 2012

Prorject Name	**Embomon Dam Irrigation Project**				KVDA-09
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV - Cherangany hills	*Sub Catchment*	2CB	
	Distance	40 km east of Kapsawar			
Project Feature	Newly proposed project along Nauwia river near Arror in Marakwet District. The dam (1.5 MCM storage) would provide water for irrigation (800 ha) and domestic use by Kenyans in Elgeiyo Marakwet County. The communities in the region are pastoralists and the water would also be used for irrigation, livestock and fisheries development. The dam would therefore important in improving the livong standards of the people in the region by ensuring that they are food secure and poverty levels reduced. Catchment conservation in Cherangany Hills watershed would be boosted if the whole irrigable land is utilised for production of crops both for use at home and for trade. The river drains to West Pokot and Turkana Counties and would improve food security in the two Counties. Upscalling of irrigation projects in Turkana and West Pokot Counties would foster peace and development initiatives among the communities. The project would improve on the incomes of the residents.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.5 MCM) (2) Irrigation system (for 800 ha)				
Project Cost	Civil Works				
	Other Cost				
	Total Cost	Kshs 300 million	*GOK portion*		
Evaluation	Economic IRR				
Beficiaries	Farmhousehold		People:		
Land Holding	Holding Size	2 ha/farmhousehold	Tennant Operator:		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area None*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 800 ha				
	Short Rain Season	Vegetaables, Cowpeas, Greengrams, Pawpaws			
	Long Rain Season	Sorghum, Maize			
	Cropping Intensity	100%			
Irrigation System Management	Water Users Association	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA and Farmers association			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	Land Acquisition	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues	Catchment conservation and rehabilitation			
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Iranian NTM and China CAMC Engineering Co. Ltd				

Table 3.2 Irrigation Projects Proposed by KVDA (10/35)

As of September 2012

Prorject Name	**Chebaram-Kimose Irrigation Project**				KVDA-10
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Mau	*Sub Catchment*	2EG2	
	Distance	40 km northeast of Eldama Ravine			
Project Feature	The proposed Chebaram/ Kimose dams are located in Maoi Location, along Molo river about 45 km East of Kabarnett town. There is an irrigation scheme in place.The construction of the dam is aimed at regulating the river flows and to help reduce the annual flood menace to downstream habitants and to enhance food security through irrigation. Further, the dam would provide water for domestic use, livestock and fish farming. Irrigation can open up irrigable land which is estimated at 100 ha enhancing agricultural productivity and hence improving the living standards of the people in Baringo County. This would aid in attainment of the Vision 2030 and also the MDGs whicih include eradication of poverty and hunger, environmental sustainability and global partnerships for development. Partnerships will be achieved if the irrigation infrastructure will be developed through public private partnerships (PPPs).				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 4 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 650 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 600 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*	*Ratio:*	
Present and Future Farming Condition	*A. Present Conditions (without project) = Net irrigation area 100 ha*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 650ha				
	Short Rain Season	water melon,pawpaw,onions			
	Long Rain Season	maize sorghum			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	will be established			
	O&M of Main System	by kvda			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	*Land Acquisition*	land is available ,project belongs to the community			
	Relocation of People	to be done			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation				

Table 3.2 Irrigation Projects Proposed by KVDA (11/35)

As of September 2012

Prorject Name	**Sirwe-Sabor-Kimao Irrigation Project**				KVDA-11
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Tugen Hills	*Sub Catchment*	2EE	
	Distance	40 km south of Kabarnet			
Project Feature	The proposed Sirwon/Katuiya/Amaya dams are located in Amaya Locations along Amaya river about 45 km East of east of lake baringo. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. The project therefore would contribute to national and international development goals including Vision 2030 and the MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.4 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 220 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 300 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Net irrigation area None*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigaton area 220 ha				
	Short Rain Season	Water melon, Pawpaw, Onions			
	Long Rain Season	Maize, Sorghum			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	will be established			
	O&M of Main System	by kvda			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	*Land Acquisition*	land is available ,project belongs to the community			
	Relocation of People	to be done			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. minstry of water and irrigation Baringo				

Table 3.2 Irrigation Projects Proposed by KVDA (12/35)

As of September 2012

Prorject Name	**Kakuma Irrigation Project**				KVDA-12
Location	*Province Name*	Rift Valley	*County Name*	Turkana	
	River Catchment	RV - Tarach	*Sub Catchment*	2BD	
	Distance	150 km north of Lodwar			
Project Feature	The proposed dam is situated along Tarach river, Kakuma Location Turkana North constituency. The dam will allow opening of 700 ha of irrigable land to foster food production in Turkana County. The dam will also provide water for domestic use, livestock and fish farming and industrial use. This would increase economic activities in Turkana County through agricultural production culminating in improvement of food security in Turkana County. Environmental conservation would form part of the irrigation-led agriculture in the quest to achieve sustainable livelihoods for the people of Turkana County. This is because the dam will also be used to mitigate perenial flood challenge that causes among others soil erosion, lose of life and property thus impeding economic development in the region. Stimulating economic activities in Turkana would also increase incomes and hence the human development conditions of high levels of education and access to health care. The irrigation projects in Turkana will be used to foster economic productivuty and deal with the perenial issue of cattle rastling related conflicts that have impeded development over a long period of time. The expansion of irrigation programmes in Turkana County will contribute to the realization of the Vision 2030.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 8 MCM) (2) Irrigation system (for 700 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 2,000 million	*GOK portion*		
Evaluation	*Economic IRR*	viable			
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = No Irrigation Area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 700 ha				
	Short Rain Season				
	Long Rain Season	Sorghum, Maize, Horticulture, Mangoes			
	Cropping Intensity	100%			
Irrigation System Management	Water Users Association	to be formed			
	O&M of Main System	kvda			
	O&M of On-farm System	wrua			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	Land Acquisition	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2.				

Table 3.2 Irrigation Projects Proposed by KVDA (13/35)

As of September 2012

Prorject Name	**Ngelecha Sinoni Irrigation Project**				KVDA-13
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Ngelecha hills	*Sub Catchment*	2EK	
	Distance	30 km east of Lake Baringo			
Project Feature	The proposed Ngelecha/Sinoni dams are located in Koriema and Kimalel Locations along Sabor river about 45 km East of Kabarnet town. The construction of the dam is aimed at regulating the river flows and to help reduce the annual flood menace to downstream habitants and to enhance food security through irrigation. The construction of the dam is aimed at regulating the river flows and to help reduce the annual flood menace to downstream habitants and to enhance food security through irrigation forcrop production. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. In addition, the dam and resultant agricultural activities would ensure conservation of the Ngelecha Hills catchment conservation. The project therefore would contribute to national and international development goals including Vision 2030 and the MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Not yet, but pre-feasibility study indcated high potential.			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.5 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 460 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 160 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area 20 ha*				
	Short Rain Season	Pulses			
	Long Rain Season	Maize			
	Cropping Intensity	40%			
	B. Future Conditions (with Project) = Net irrigation area 460 ha				
	Short Rain Season	Water melon, Pawpaw, Vegetables			
	Long Rain Season	Maize, Sorghum			
	Cropping Intensity	160%			
Irrigation System Management	*Water Users Association*	Will be established			
	O&M of Main System	By kvda			
	O&M of On-farm System	WRUA and Farmers Association			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	*Land Acquisition*	land is available ,project belongs to the community			
	Relocation of People	To be done			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation - Baringo				

Table 3.2 Irrigation Projects Proposed by KVDA (14/35)

As of September 2012

Prorject Name	**Yatya-Sibilo Irrigation Project**				KVDA-14
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Tugen hills	*Sub Catchment*	2D	
	Distance	60 kms east of Kabarnet			
Project Feature	The proposed Yatyanin/Sibilo dams are located in sibilo Locations along sibilo seasonal river about 60 km East of Kabarnet town. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. In addition, the dam and resultant agricultural activities would ensure conservation of the Tugen Hills catchment conservation. The project therefore would contribute to national and international development goals including Vision 2030 and the MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study indicate high potention.			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.1 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 300 ha)				
Project Cost	Civil Works				
	Other Cost				
	Total Cost	Kshs 160 million	*GOK portion*		
Evaluation	Economic IRR				
Beficiaries	Farmhousehold		People:		
Land Holding	Holding Size	2.5 ha/farmhousehold	Tennant Operator:		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 300 ha				
	Short Rain Season	water melon,pawpaw,vegetables			
	Long Rain Season	maize ,sorghum,cotton			
	Cropping Intensity	100%			
Irrigation System Management	Water Users Association	will be established			
	O&M of Main System	by kvda			
	O&M of On-farm System	WRUA and Farmers Associations			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	Land Acquisition	land is available ,project belongs to the community			
	Relocation of People	to be done			
	Environmental Issues	EIA to be done			
	Other Issues	Rehabilitation and conservation of the catchment			
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation - Baringo				

Table 3.2 Irrigation Projects Proposed by KVDA (15/35)

As of September 2012

Prorject Name	**Chemariat-Kimoriot Dam Irrigation Project**				KVDA-15
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Tugen hills	*Sub Catchment*	2EJ	
	Distance	30 km west of Lake Baringo			
Project Feature	The proposed Chemariat Kimoriot dams are located in koriema and kimalel Locations along Sabor river about 45 km East of Kabarnet town. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. In addition, the dam and resultant agricultural activities would ensure conservation of the Tugen Hills catchment conservation. The project therefore would contribute to national and international development goals including Vision 2030 and the MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility indicate high potential.			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 3.3 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 375 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 210 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 375 ha				
	Short Rain Season	Water Melon, Pawpaw, Onions			
	Long Rain Season	Maize, Sorghum			
	Cropping Intensity	160%			
Irrigation System Management	Water Users Association	will be established			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA and Farmers Association			
	O&M Fee Payment				
	Water Fee Payment				
Problmes to be Solved	Land Acquisition	land is available ,project belongs to the community			
	Relocation of People	To be done			
	Environmental Issues	EIA to be done			
	Other Issues	catchment conservation			
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation - Baringo				

Table 3.2 Irrigation Projects Proposed by KVDA (16/35)

As of September 2012

Prorject Name	**Sirwon-Katuiya-Amaya Dam Irrigation Project**				KVDA-16
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Amaya swamp	*Sub Catchment*	2EJ	
	Distance	45 km east of Lake Baringo			
Project Feature	The proposed Sirwon/Katuiya/Amaya dams are located in Amaya Locations along Amaya river about 45 km East of east of lake baringo. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. The project therefore would contribute to national and international development goals including Vision 2030 and the MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.1 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 210 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 190 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 210 ha				
	Short Rain Season	Water Melon, Pawpaw, Onions			
	Long Rain Season	Maize, Sorghum			
	Cropping Intensity	160%			
Irrigation System Management	Water Users Association	will be established			
	O&M of Main System	by kvda			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	Land Acquisition	land is available ,project belongs to the community			
	Relocation of People	to be done			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation - Baringo				

Table 3.2 Irrigation Projects Proposed by KVDA (17/35)

As of September 2012

Prorject Name	**Kelelwa-Kamar-Lokiri Dam Irrigation Project**				KVDA-17
Location	*Province Name*	Rift Valley-Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Mau Molo	*Sub Catchment*	2EG2	
	Distance	30 km southeast of Eldema Ravine town			
Project Feature	The proposed Kelelwa Kamar Lokiri dams are located in Koibos Locations along Molo river about 30 km South east of Eldama Ravine. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. This will be an integral part towards conservation of Mau Catchment. The project therefore would contribute to national and international development goals including Vision 2030 and the MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasiblity study indicate high potential			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.1 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 470 ha)				
Project Cost	Civil Works				
	Other Cost				
	Total Cost	Kshs 260 million	*GOK portion*		
Evaluation	Economic IRR				
Beficiaries	Farmhousehold		*People:*		
Land Holding	Holding Size	ha/farmhousehold	*Tennant Operator:*	*Ratio:*	
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigable Area 470ha				
	Short Rain Season	Water melon, Pawpaw			
	Long Rain Season	Maize, Mangoes			
	Cropping Intensity	160%			
Irrigation System Management	*Water Users Association*	will be established			
	O&M of Main System	By kvda			
	O&M of On-farm System	WRUA and Farmers association			
	O&M Fee Payment				
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*	land is available ,project belongs to the community			
	Relocation of People	To be done			
	Environmental Issues	EIA to be done			
	Other Issues	catchment conservation			
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation - Baringo				

Table 3.2 Irrigation Projects Proposed by KVDA (18/35)

As of September 2012

Prorject Name	**Emsoo Kapsogom Irrigation Project**				KVDA-18
Location	*Province Name*	Rift Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV - Cherangany	*Sub Catchment*	2CB	
	Distance	50 km east of Eldoret			
Prorject Feature	Newly proposed project along Emsoo river, Keu location Kapchemutwa division Keiyo North Constituency. Construction of a dam (1 MCM storage) will improve food food security in the region. The dam will increase water supply for domestic use and also for livestock and fisheries development. The irrigation development (400 ha) will improve the living standards of the people in the County. Thus it will contribute to the attainment of the Vision 2030 and the MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) (2) Irrigation system (for 400 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 230 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1.0 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigabletion Area N/A*				
	Short Rain Season	Pulses, Vegetables, Water melons, Paw paws			
	Long Rain Season	Maize, Sourgum			
	Cropping Intensity	40%			
	B. Future Conditions (with Project) = Net Irrigation Area 400 ha				
	Short Rain Season	Vegetables			
	Long Rain Season	Sorghum, Maize, Horticulture, Mangoes			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	to be formed			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA, Farmers Associations			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Ministry of Water and Irrigation E/marakwet				

Table 3.2 Irrigation Projects Proposed by KVDA (19/35)

As of September 2012

Prorject Name	**Sook-Enopugh-Mtelo Irrigation Project**			KVDA-19
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	West Pokot
	River Catchment	RV - Kerio Valley	*Sub Catchment*	2BB
	Distance	60 km northeast of Kapenguria		
Project Feature	New proposed project along Murung river in West Pokot. The dam would be used to open up irrigation project of 850 ha with a potential for highly productive agricultural production. The dam will provide water for domestic use, livestock and fish farming and industrial use. This would increase economic activities in West Pokot County through agricultural production culminating in improvement of food security and increase in incomes. Environmental conservation would form part of the irrigation-led agriculture in the quest to achieve sustainable livelihoods for the people of West Pokot County. The irrigation projects in West Pokot will be used to foster economic productivuty and deal with the perenial issue of cattle rustling related conflicts that have impeded development over a long period of time. The expansion of irrigation programmes in West Pokot County will contribute to the realization of the Vision 2030, a long term development blue print which seeks to increase the land under irrigation to promote access to adequate nutritius food by all Kenyans.			
Executing Agency	Kerio Valley Development Authority (KVDA)			
Project Status	Feasibility Study	Not done,prefeasibility stuty indicate high potential		
	Detailed Design	Not yet		
	Construction			
Finance				
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.3 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 100 ha)			
Project Cost	*Civil Works*			
	Other Cost			
	Total Cost	Kshs 200 million	*GOK portion*	
Evaluation	*Economic IRR*			
Beficiaries	*Farmhousehold*		*People:*	
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*	*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area N/A*			
	Short Rain Season			
	Long Rain Season			
	Cropping Intensity			
	B. Future Conditions (with Project) = Net irrigation area ble 100 ha			
	Short Rain Season	Vegetables		
	Long Rain Season	Maize, Sorghum, Horticulture, Mangoes		
	Cropping Intensity	160%		
Irrigation System Management	*Water Users Association*	N/A		
	O&M of Main System	kvda		
	O&M of On-farm System	WRUA and farmers Associations		
	O&M Fee Payment	To be determined		
	Water Fee Payment	To be determined		
Problmes to be Solved	*Land Acquisition*	Communial land ownership,the project will be done for the community		
	Relocation of People	Necessary,but population is sparse		
	Environmental Issues	To be done		
	Other Issues			
Priority in KVDA	High			
Data Source	1. Information from KVDA 2. Minitry of Water and Irrigation - West Pokot			

Table 3.2 Irrigation Projects Proposed by KVDA (20/35)

As of September 2012

Prorject Name	**Kiplus-Emyat Dam Irrigation Project**				KVDA-20
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV - Cherangany	*Sub Catchment*	2CB	
	Distance	40 km east of Iten			
Project Feature	Newly proposed project along Emyat river in Elgeiyo Marakwet County. The construction of the dam (1 MCM storage) would prvide sufficient water for irrigation (150 ha), domestic use, livestock and fisheries development. Environmental conservation would form part of the irrigation programmes through agroforestry which would provide sustainable livelihood to the people. Conservation of Cherangany Watershed would be critical for the dam construction and is an integral part of the programme. All catchment areas in the region are earmarked for intensive conservation programmes to foster sustainable irrigation projects in the region for sustainable livelihoods.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	not done			
	Construction	proposed			
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) (2) Irrigation system (for 150 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 150 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1.0 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area None*				
	Short Rain Season	Vegetables, Pulses, Water melons, Paw paws			
	Long Rain Season	Maize, Sorghum			
	Cropping Intensity	30%			
	B. Future Conditions (with Project) = Net Irrigation Area 150 ha				
	Short Rain Season	Vegetables, Pulses, Water melons, Paw paws			
	Long Rain Season	Maize, Sorghum, Horticulture			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA, Farmers Associations			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues	Catchment conservation and rehabilitation			
Priority in KVDA	High				
Data Source	1. KVDA 2. Ministry of Water and Irrigation				

Table 3.2 Irrigation Projects Proposed by KVDA (21/35)

As of September 2012

Prorject Name	**Chesegon Dam Irrigation Project**				KVDA-21
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet/W. Pokot	
	River Catchment	RV - Cherangany	*Sub Catchment*	2CB	
	Distance	50 km north of Kapsowar			
Project Feature	Newly proposed project along the Chesegon river in the border between Marakwet and Pokot communities. The dam would provide water for irrigation (500 ha), domestic use by Kenyans in Elgeiyo Marakwet and West Pokot Counties. The communities in the region are pastoralists and the water would also be used for irrigation, livestock and fisheries development. The dam would therefore important in improving the livong standards of the people in the region by ensuring that they are food secure and poverty levels reduced. Catchment conservation in Cherangany Hills watershed would be boosted if the whole irrigable land is utilised for production of crops both for use at home and for trade. The project would improve on the incomes of the residents.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance	proposed ,not determined yet				
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) (2) Irrigation system (for 500 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 250 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1.0 ha/farmhousehold	*Tennant Operator:*		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Net irrigable Area None*				
	Short Rain Season	Pulses, Vegetables, Paws paws, Water melons, Mangoes			
	Long Rain Season	Maize, Sorghum			
	Cropping Intensity	30%			
	B. Future Conditions (with Project) = Net Irrigation Area 500 ha				
	Short Rain Season	Pulses, Vegetables, Paws paws, Water melons, Mangoes			
	Long Rain Season	Maize, Sorghum, Mangoes			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA and Farmers Assciation			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (22/35)

As of September 2012

Prorject Name	**Chesongoch Dam Irrigation Project**				KVDA-22
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV-Charangany hills	*Sub Catchment*	2CB	
	Distance	35 km northeast of Kapsowar			
Project Feature	New proposed project along Enou river. The dam capacity of 2 MCM will supply water for irrigation (1000 ha), industrial use, domestic use, livestock and fisheries development. The dam will contribute to full utilization of irrigable land increasing the supply of food in and outside the Elgeiyo Marakwet County. Conservation of Cherangany Watershed would be an integral part of the irrigation programmes through the dam. This would be encouraged as well as agroforestry to ensure sustainable development in the region. The construction of the dam therefore will improve on the livelihood of the people in Elgeiyo Marakwet County, Kerio Valley region and overal in Kenya. Transformation of Kenya into a food secure Country was envisaged iu the Vision 2030.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance	not determined yet				
Main Project Facilities	(1) Multipurpoe dam (effective storage 2 MCM) (2) Irrigation system (for 1000 ha)				
Project Cost	Civil Works				
	Other Cost				
	Total Cost	Kshs 500 million	*GOK portion*		
Evaluation	Economic IRR				
Beficiaries	Farmhousehold		People:		
Land Holding	Holding Size	ha/farmhousehold	Tennant Operator:		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigable Area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 1000 ha				
	Short Rain Season	Vegetables, Pawpaws, Cowpeas, Greengrams			
	Long Rain Season	Sorghum, Maize			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA and Farmers association			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues	Catchment conservation and rehabilitation			
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (23/35)

As of September 2012

Prorject Name	**Mogil Kiptunos Dam Irrigation Project**				KVDA-23
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV - Kerio Valley	*Sub Catchment*	2CB	
	Distance	40 km east of Kapsowar			
Project Feature	Newly proposed project along mogil river in Marakwet District. The dam would provide water for irrigation (500 ha) and domestic use by Kenyans in Elgeiyo Marakwet and West Pokot Counties. The communities in the region are pastoralists and the water would also be used for irrigation, livestock and fisheries development. The dam (1 MCM storage) would therefore important in improving the livong standards of the people in the region by ensuring that they are food secure and poverty levels reduced. Catchment conservation in Cherangany Hills watershed would be boosted if the whole irrigable land is utilised for production of crops both for use at home and for trade. The river drains to West Pokot and Turkana Counties and would improve food security in the two Counties. Upscalling of irrigation projects in Turkana and West Pokot Counties would foster peace and development initiatives among the communities. The project would improve on the incomes of the residents.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) (2) Irrigation system (for 500 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 250 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1 ha/farmhousehold	*Tennant Operator:*		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigatiion Area 500 ha				
	Short Rain Season	Vegetables, Cowpeas, Pawpaws			
	Long Rain Season	Maize, Sorghum, Horticulture			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA and Farmers association			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues	Catchment conservation and rehabilitation			
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (24/35)

As of September 2012

Prorject Name	**Nauwia Dam Irrigation Project**			KVDA-24
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet
	River Catchment	RV - Cherangany	*Sub Catchment*	2CB
	Distance	40 km east of Kapsowar		
Project Feature	New proposed project along Nauwia river near Arror in Marakwet District. The dam would provide water for irrigation (500 ha) and domestic use by Kenyans in Elgeiyo Marakwet County. The communities in the region are pastoralists and the water would also be used for irrigation, livestock and fisheries development. The dam would therefore important in improving the livong standards of the people in the region by ensuring that they are food secure and poverty levels reduced. Catchment conservation in Cherangany Hills watershed would be boosted if the whole irrigable land is utilised for production of crops both for use at home and for trade. The river drains to West Pokot and Turkana Counties and would improve food security in the two Counties. Upscalling of irrigation projects in Turkana and West Pokot Counties would foster peace and development initiatives among the communities. The project would improve on the incomes of the residents.			
Executing Agency	Kerio Valley Development Authority (KVDA)			
Project Status	*Feasibility Study*	Pre-feasibility study undertaken		
	Detailed Design	Not yet		
	Construction			
Finance	proposed ,not determined yet			
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) (2) Irrigation system (for 500 ha)			
Project Cost	*Civil Works*			
	Other Cost			
	Total Cost	Kshs 250 million	*GOK portion*	
Evaluation	*Economic IRR*			
Beficiaries	*Farmhousehold*		*People:*	
Land Holding	*Holding Size*	2 ha/farmhousehold	*Tennant Operator:*	Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area N/A*			
	Short Rain Season			
	Long Rain Season			
	Cropping Intensity			
	B. Future Conditions (with Project) = Net Irrigation Area 500 ha			
	Short Rain Season	Vegetables, Cowpeas, Pawpaws,		
	Long Rain Season	Maize, Sorghum, Horticulture		
	Cropping Intensity	100%		
Irrigation System Management	*Water Users Association*	N/A		
	O&M of Main System	KVDA		
	O&M of On-farm System	WRUA and farmers association		
	O&M Fee Payment	to be determined		
	Water Fee Payment	to be determined		
Problmes to be Solved	*Land Acquisition*	necessary		
	Relocation of People	necessary		
	Environmental Issues	EIA to be done		
	Other Issues	Catchment conservation and rehabilitation		
Priority in KVDA	High			
Data Source	1. Information from KVDA			

Table 3.2 Irrigation Projects Proposed by KVDA (25/35)

As of September 2012

Prorject Name	**Torok Dam Irrigation Project**				KVDA-25
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV - North Mau	*Sub Catchment*	2CB	
	Distance	50 km east of Eldoret			
Project Feature	New proposed project along Torok river. The dam would provide water for irrigation and domestic use by Kenyans in Elgeiyo Marakwet, West Pokot and Turkana Counties. Most of the communities in the region are pastoralists and the water would also be used for livestock and fisheries development apart from irrigation expansion. The dam would therefore important in improving the livong standards of the people in the region by ensuring that they are food secure and poverty levels reduced. Catchment conservation in Mau Watershed would be boosted if the whole irrigable land is utilised for production of crops both for use at home and for trade or industrial use. Upscalling of irrigation projects in Turkana and West Pokot Counties would foster peace and development initiatives among the communities. The project would improve on the incomes of the residents.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) (2) Irrigation system (for 500 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 250 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	2 ha/farmhousehold	*Tennant Operator:*		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area None*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 500 ha				
	Short Rain Season	Pulses, Pawpaws, Bananas			
	Long Rain Season	Maize, Sorghum, Mangoes, Citrus			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA and Farmers association			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues	Catchment conservation and rehabilitation			
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (26/35)

As of September 2012

Prorject Name	**Chebuskech Dam Project**				KVDA-26
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Tugen hills	*Sub Catchment*	2CB	
	Distance	25 km southwest of Kabarnet town			
Project Feature	The proposed Chebuskech dam is located in Salawa Location, North Baringo district, about 25 km from Kabarnett town. The construction of the dam is aimed at regulating the river flows and to help reduce the annual flood menace to downstream habitants and to enhance food security through irrigation forcrop production. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. In addition, the dam and resultant agricultural activities would ensure conservation of the Tugen Hills catchment conservation.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance	proposed ,not determined yet				
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.9 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 480 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 650 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = No irrigation area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 480 ha				
	Short Rain Season	water melon,pawpaw,onions			
	Long Rain Season	maize			
	Cropping Intensity	100%			
Irrigation System Management	Water Users Association	will be established			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	Land Acquisition	land is available, project belongs to the community			
	Relocation of People	to be done			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation				

Table 3.2 Irrigation Projects Proposed by KVDA (27/35)

As of September 2012

Prorject Name	**Yeptos-Kimiren Irrigation Project**				KVDA-27
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Tugen hills	*Sub Catchment*	2CB	
	Distance	60 km northwest of kabarnet			
Project Feature	The proposed Yeptos/Kimiren dams are located in kapkiamo and kinyach Locations respectively, along yeptos river about 60 km northeast of Kabarnet town . There is an irrigation scheme in place.The construction of the dam is aimed at regulating the river flows and to help reduce the annual flood menace to downstream habitants and to enhance food security through irrigation. Also, the dam would provide water for domestic use, irrigation, livestock and fish farming. The dam would therefore contribute towards food security in the region and also environmental conservation through agroforestry. In addition, the dam and resultant agricultural activities would ensure conservation of the Tugen Hills catchment conservation.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 3 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 350 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 360 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*	Kshs 360 million	*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*	*Ratio:*	
Present and Future Farming Condition	*A. Present Conditions (without project) = Net irrigation area None*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 350 ha				
	Short Rain Season	Water melon, Pawpaw, Onions			
	Long Rain Season	Maize, Sorghum			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	will be established			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	*Land Acquisition*	land is available, project belongs to the community			
	Relocation of People	to be done			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2. Minstry of Water and Irrigation				

Table 3.2 Irrigation Projects Proposed by KVDA (28/35)

As of September 2012

Prorject Name	**Ainabkoi-Kamwosor Dam Irrigation Project**				KVDA-28
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV - North Mau	*Sub Catchment*	2CB	
	Distance	50 km southeast of Iten town			
Project Feature	New proposed project along kimwarer river. The river originates from North Mau and flows through Elgeiyo Marakwet, West Pokot and Turkana Counties. The dam would provide water for domestic use by Kenyans in the three Counties. Most of the communities in the region are pastoralists and the water would also be used for livestock and fisheries development apart from irrigation expansion and industrial use. The dam would therefore important in improving the livong standards of the people in the region by ensuring that they are food secure and poverty levels reduced. Catchment conservation in Mau Watershed would be boosted if the whole irrigable land is utilised for production of crops both for use at home and for trade or industrial use in Elgeyo Marakwet, Turkana and West Pokot Counties. Upscalling of irrigation projects in Turkana and West Pokot Counties would foster peace and development initiatives among the communities. The project would improve on the incomes of the residents.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1.5 MCM) (2) Irrigation system (for 500 ha)				
Project Cost	Civil Works				
	Other Cost				
	Total Cost	Kshs 200 million	*GOK portion*		
Evaluation	Economic IRR				
Beficiaries	*Farmhousehold*		People:		
Land Holding	*Holding Size*	1 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 500 ha				
	Short Rain Season	Pulses, Pawpaws, Citrus, Mangoes			
	Long Rain Season	Sorghum, Maize			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA and farmers association			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues	catchment conservation and rehaabilitation			
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (29/35)

As of September 2012

Prorject Name	**Embolot Dam Irrigation Project**				KVDA-29
Location	*Province Name*	Rift Valley-Kerio Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	Cherangany hills	*Sub Catchment*	2CB	
	Distance	30 km northeast of Kapsowar			
Project Feature	New proposed project along the Embolot river. The dam with a capacity of 1 MCM will supply water for irrigation, industrial use, domestic use, livestock and fisheries development. The dam will contribute to full utilization of irrigable land increasing the supply of food in and outside the Elgeyo Marakwet County. Conservation of Cherangany Watershed would be an integral part of the irrigation programmes through the dam. This would be encouraged as well as agroforestry to ensure sustainable development in the region. The construction of the dam therefore will improve on the livelihood of the people in Elgeyo Marakwet County, Kerio Valley region and overal in Kenya. The rivers flow through West Pokot and Turkana and is potential for fostering food security and hence peace and development among the Pokot and Turkana people. Peace will be achieved when development through in part agricultural transformation and conservation is realized in the region. Transformation of Kenya into a food secure Country was envisaged iu the Vision 2030.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) (2) Irrigation system (for 500 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 250 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		People:		
Land Holding	*Holding Size*	1 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 500 ha				
	Short Rain Season	Pulses, Pawpaws, Citrus			
	Long Rain Season	Sorghum, Maize			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues	catchment conservation and rehabilitation			
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (30/35)

As of September 2012

Prorject Name	**Tunyo dam Irrigation Project**				KVDA-30
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Elgeyo Marakwet	
	River Catchment	RV - Cherangany Hills	*Sub Catchment*	2CB	
	Distance	40 km east of kapsowar			
Project Feature	New proposed project along Tunyo river in Elgeiyo Marakwet County near Arror. The dam with a capacity of 1 MCM will supply water for irrigation, industrial use, domestic use, livestock and fisheries development. The dam will contribute to full utilization of irrigable land increasing the supply of food in and outside the Elgeiyo Marakwet County to hunger striken Counties of Turkana, Samburu, Baringo and West Pokot. Conservation of Cherangany Watershed would therefoe be an integral part of the irrigation programmes through the dam. This would be encouraged as well as agroforestry to ensure sustainable development in the region. The construction of the dam therefore will improve on the livelihood of the people in Elgeiyo Marakwet County, Kerio Valley region and overal in Kenya. The rivers flow through West Pokot and Turkana and is potential for fostering food security and hence peace and development among the Pokot and Turkana people. Peace will be achieved when development through in part agricultural transformation and conservation is realized in the region.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) (2) Irrigation system (for 500 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 250 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation Area N/A*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 500ha				
	Short Rain Season				
	Long Rain Season	Maize, Sorghum, Horticulture			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (31/35)

As of September 2012

Prorject Name	**Kawalathe DamProject**				KVDA-31
Location	*Province Name*	Rift Valley	*County Name*	Turkana	
	River Catchment	RV - Kawalathe	*Sub Catchment*	2D	
	Distance	1 km west of Lodwar			
Project Feature	New proposed project along kawalathe, Turkana North constituency. The dam will allow opening of 400 ha of irrigable land to foster food production in Turkana County. The dam will also provide water for domestic use, livestock and fish farming and industrial use. This would increase economic activities in Turkana County through agricultural production culminating in improvement of food security in Turkana County. Environmental conservation would form part of the irrigation-led agriculture in the quest to achieve sustainable livelihoods for the people of Turkana County. This is because the dam will also be used to mitigate perenial flood challenge that causes among others soil erosion, lose of life and property thus impeding economic development in the region. Stimulating economic activities in Turkana would also increase incomes and hence the human development conditions of high levels of education and access to health care. The irrigation projects in Turkana will be used to foster economic productivuty and deal with the perenial issue of cattle rastling related conflicts that have impeded development over a long period of time.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 5 MCM) (2) Irrigation system (for 400 ha)				
Project Cost	Civil Works				
	Other Cost				
	Total Cost	Kshs 1,500 million	*GOK portion*		
Evaluation	Economic IRR	viable			
Beficiaries	Farmhousehold		People:		
Land Holding	Holding Size	ha/farmhousehold	Tennant Operator:		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = No Irrigaation Area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation Area 400 ha				
	Short Rain Season				
	Long Rain Season	Sorghum, Maize, Horticulture, Mangoes			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	to be formed			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2.				

Table 3.2 Irrigation Projects Proposed by KVDA (32/35)

As of September 2012

Prorject Name	**Kalemng'orok Dam Project**				KVDA-32
Location	*Province Name*	Rift Valley	*County Name*	Turkana	
	River Catchment	RV - Kalemngorok	*Sub Catchment*	2BB	
	Distance	40 km north of Kainuk			
Project Feature	New proposed project along Kaleng'orok seasonal river and Turkana South constituency. The dam will provide water for domestic use, livestock and fish farming and industrial use. This would increase economic activities in Turkana County through agricultural production culminating in improvement of food security in Turkana County. Environmental conservation would form part of the irrigation-led agriculture in the quest to achieve sustainable livelihoods for the people of Turkana County. This is because the dam will also be used to mitigate perenial flood challenge that causes among others soil erosion, lose of life and property thus impeding economic development in the region. Stimulating economic activities in Turkana would also increase incomes and hence the human development conditions of high levels of education and access to health care. The irrigation projects in Turkana will be used to foster economic productivuty and deal with the perenial issue of cattle rastling related conflicts that have impeded development over a long period of time.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 3 MCM) (2) Irrigation system (for 300 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 800 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = No irrigation area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigaation area 300 ha				
	Short Rain Season				
	Long Rain Season	Sorghum, Maize, Horticulture, Mangoes			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	to be formed			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2.				

Table 3.2 Irrigation Projects Proposed by KVDA (33/35)

As of September 2012

Prorject Name	**Weseges Dam Irrigation Project**				KVDA-33
Location	*Province Name*	Rift Valley	*County Name*	Baringo marigat district	
	River Catchment	Rift Valley	*Sub Catchment*	2EB	
	Distance	50 km east of Marigat			
Project Feature	New dam to be constructed in Sandai location along weseges river Baringo county. Irrigation scheme exist, earth dam required in order to expand the scheme. The dam will provide water for domestic use, livestock and fish farming and industrial use. This would increase economic activities in Baringo County through agricultural production culminating in improvement of food security. Environmental conservation would form part of the irrigation-led agriculture in the quest to achieve sustainable livelihoods for the people of Baringo. This is because the dam will also be used to mitigate perenial flood challenge that causes among others soil erosion, lose of life and property thus impeding economic development in the region. Stimulating economic activities in Turkana would also increase incomes and hence the human development conditions of high levels of education and access to health care. The irrigation projects in Baringo County will be used to foster economic productivuty and deal with the perenial issue of cattle rustling related conflicts in some parts of the County that have impeded development over a long period of time.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 5 MCM) for irrigation, water supply and livestock (2) Irrigation system (for 470 ha)				
Project Cost	*Civil Works*	to be determined on design.			
	Other Cost				
	Total Cost	Kshs 260 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = No irrigation area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 470 ha				
	Short Rain Season	Water melon			
	Long Rain Season	Maize			
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	to be formed			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	to be determined			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*	communial land ownership,project to be done coomunity			
	Relocation of People	necessary			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA 2.				

Table 3.2 Irrigation Projects Proposed by KVDA (34/35)

As of September 2012

Prorject Name	**Kipkukutia Dam Irrigation Project**				KVDA-34
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Baringo	
	River Catchment	RV - Endao	*Sub Catchment*	2EH	
	Distance	16 km north of Marigat			
Project Feature	The proposed Kipkitutia dam is located in Endao sub – Location, Marigat Division within Marigat District in Baringo County, about 16 km from Marigat town and 10 km off Lake Baringo road at Endao trading centre.The construction of the dam is aimed at regulating the river flows and to help reduce the annual flood menace to downstream habitants and to enhance food security through irrigation crop production on 600 ha. The project will benefit the people of five locations namely kimalel,endao,Salabani,Marigat and Ngambo. The project will enhance food security in the County contributing to the attainment of food security and hence the Kenya's Vision 2030. Also, the MDGs would be attained through food security, poverty reduction, environmental conservation through agroforestry and fostering global partnerships for development.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	Feasibility Study	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance	proposed ,not determined yet				
Main Project Facilities	(1) Multipurpoe dam (effective storage 4.6 MCM) for irrigation, water supply and livestock (2) Irrigation system (for 600 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 900 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = No irrigation area*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 600 ha				
	Short Rain Season	Water melon			
	Long Rain Season	Maize			
	Cropping Intensity	100%			
Irrigation System Management	Water Users Association	will be established			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	KVDA			
	Water Fee Payment	KVDA			
Problmes to be Solved	Land Acquisition	available ,project for community			
	Relocation of People	to be done			
	Environmental Issues	EIA to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA				

Table 3.2 Irrigation Projects Proposed by KVDA (35/35)

As of September 2012

Prorject Name	**Lorrogi Irrigation Project**				KVDA-35
Location	*Province Name*	Rift Valley - Kerio Valley	*County Name*	Samburu	
	River Catchment	RV - Lorrogi Swamp	*Sub Catchment*	2D	
	Distance	40 km west of Maralal Town			
Project Feature	New proposed dam project on the Lorrogi Swamp. The dam is intended at water harvesting for up to a capacity of 1 million cubic metres for domestic use, irrigation, livestock and fish farming. The water will improve the living standards of the people by ensuring food security is attained in Samburu county. The irrigation project could be utilzed for promotion of irrigation-led rural development in Samburu where incomes of the majority of the households would be increased reducing the poverty levels in the region. High incomes would be translated to access to quality education and health services by the people improving their human development conditions. The dam therefore would contribute to the national vision of making Kenya a water and food secure nation by the year 2030. In addition, the dam would contribute to the attainment of food security, environmental sustainability and partnerships for development MDGs.				
Executing Agency	Kerio Valley Development Authority (KVDA)				
Project Status	*Feasibility Study*	Pre-feasibility study undertaken			
	Detailed Design	Not yet			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpoe dam (effective storage 1 MCM) for irrigation. Water supply and livestock (2) Irrigation system (for 450 ha)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 250 million	*GOK portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area None*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net ition area 450 ha				
	Short Rain Season				
	Long Rain Season	Sorghum, Maize			
	Cropping Intensity	100%			
Irrigation System Management	*Water Users Association*	N/A			
	O&M of Main System	KVDA			
	O&M of On-farm System	WRUA			
	O&M Fee Payment	to be determined			
	Water Fee Payment	to be determined			
Problmes to be Solved	*Land Acquisition*	necessary			
	Relocation of People	necessary			
	Environmental Issues	to be done			
	Other Issues				
Priority in KVDA	High				
Data Source	1. Information from KVDA				

4. Proposed Irrigation Projects under TARDA

Table 4.1 List of Proposed Irrigation Projects under TARDA

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh mil)	Work Progress as of 2012			Priority	Development plan of Executing Agencies
								F/S	D/D	Const		
1.	High Grand Falls Multipurpose Project	TANA	Garissa/ Tana River	106,000	New	Multi-purpose Dam	Irrigation 288,830	Done in 2011			Very high	Construction of dam with 540 MCM storage, hydro-power generation of 500 MW, Irrigation of 106,000 ha max. Quality of the feasibility study in 2011 is pre-feasibility level and a detailed F/S is necessary.
2.	Tana Delta Irrigated Sugar Project	TANA	Tana River	20,000	New	Weir	30,480	On-going			Very high	PPP between TARDA and Mumias Sugar
3.	Tana Delta Irrigatgion Project (Rice)	TANA	Tana River	10,000	Rehab & Ext	Weir	2,300	On-going			Very high	Currently TARDA through Economic Stimulus program. Seeking Partnership for expansion
4.	Munyu Multipurpose Dam & Kibwezi Irrigation Extention Project	ATHI	Makueni	15,000	New & Ext	Multi-purpose Dam	Irrigation 7,500	Done. Review on-going			High	Seek funds (Donor+PPP+GOK). Construction of Munyu multipurpose dam with 575 MCM storage, hydro-power generation of 40 MW, Irrigation of 15,000 ha max (Kibwezi Extention). Phase-1 includes dam and power station.
5.	Masinga Dam Irrigation Project	TANA	Machakos	10,000	New & Ext	Dam	10,000	Done. Review on-going			High	Seek funds (Donor+PPP+GOK) for construction of irrigation infrastructure
6.	Kiambere Dam Irrigation Project	TANA	Embu	10,000	New & Ext	Dam	10,000	Done. Review on-going			High	Seek funds (Donor+PPP+GOK) for construction of irrigation infrastructure
7.	Kanzalu Dam Irrigation Project	TANA	Machakos	4,055	New	Dam	5,000				Medium	No development preparation is scheduled due to lack of fund; funding to be secured; NIB's development plan is revised to 12,000 ha
8.	Thanantu Dam Irrigation	TANA	Meru	2,500	New	Dam	3,000				Medium	Development plan may be changed due to change of land tnure from community land to individual owenership.

Source: TARDA in 2012

Remarks: Type of Project: Ext = Extension. Rehab = Rehabilitation

Table 4.2 Irrigation Projects Proposed by TARDA (1/8)

As of September 2012

Prorject Name	**High Grand Falls Multipurpose Development Project**				TARDA-01
Location	*Province Name*	Eastern /Tana River	*County Name*	Garissa / Tana River	
	River Catchment	TANA	*Sub Catchment*	4EA	
	Distance	Mutonga, 45 km downstream of Kiambere Dam			
Prorject Feature	The project is a multipurpose development with a multipurpose dam (storage capacity of 5,000 MCM) and related sector development as a project component consisting of (a) Hydropower generation (180 - 200 MW), (b) Irrigation for 106,000 ha, (c) Water supply, (d) River regulation & flood control, (e) Fishery, and (f) Tourism.				
Executing Agency	Tana and Athi River Development Authority (TARDA)				
Project Status	*Feasibility Study*	Completed in 2011			
	Detailed Design				
	Construction plan	First stage (2011-2019) : rehabilitation and extension of Bura/Hora schemes Second stage (2019-20027): construction of Nanigi barrage and trasfer system Third stage (2027-2035): Irrigation extension downstream of Nanigi transfer			
Finance	Not yet				
Main Project Facilities (Irrigation only)	(1) Nanigi barrage on the Tana river (2) Right bank canal system from Nanigi to Bura scheme (6,500 ha) and Hola scheme (3,500 ha) (3) Nanigi left bank transfer system (60,000 ha) (4) Nanigi barrage-Sabak river transfer system (14,000 ha) (5) Kora-Baricho transfer sytstem (14,000 ha) (6) Rahor transfer system (8,000 ha)				
Project Cost (Irrigation only)	*Civil Works*	(1) Nanigi barrage 5,600 Kshs milion (2) Right bank canal system 10,000 Kshs milion (3) Nanigi left bank transfer 107,990 Kshs milion (4) Nanigi-Sabak transfer 56,440 Kshs milion (5) Kora-Baricho transfer 79,590 Kshs milion (6) Rahor transfer (option A) 21,210 Kshs milion			
	Other Cost	Above costs include (i) engineering/additional study (2%), and (ii) physical and price contingencies (20%)			
	Total Cost	Kshs 288,830 milliion	*GOK Portion*		
Evaluation	*Economic IRR*	13.3% (overall)			
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 106,000 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	200%			
Irrigation System Management	*Water Users Association*				
	O&M of Main System				
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
Problmes to be Solved	*Land Acquisition*	10,000 ha			
	Relocation of People	3,000 households			
	Environmental Issues	EIA conducted			
Priority in TARDA	Very high. Vision 2030 project for GOK				
Data Source	1. Information from TARDA 2. EIGIS Consultants Feasibiity study 2011				

Table 4.2 Irrigation Projects Proposed by TARDA (2/8)

As of September 2012

Prorject Name	**Tana Delta Integrated Sugar Project**				TARDA-02
Location	*Province Name*	Coast	*County Name*	Tana River	
	River Catchment	TANA	*Sub Catchment*	4HB	
	Distance	110 km north of Malindi			
Prorject Feature	The proposed Project (TDISP) is a Private Public Partnership (PPP) between Mumias Sugar Company (MSC) and Tana and Athi Rivers Development Authority (TARDA) and intends to engage in irrigated sugar production in a 20,000 ha piece of land in Lower Tana floodplains. The water for irrigation will be obtained from the Tana River. Project site is about 30 km upstream of the coast line. The anticipated main project components include (a) Sugar factory, (b) Irrigated sugar cane farm of 16,000 ha, and (c) Irrigation area of 4,000 ha for smallholder farmers.				
Executing Agency	Tana and Athi River Development Authority (TARDA)				
Project Status	*Feasibility Study*	Completed			
	Detailed Design	Completed			
	Construction	Scheduled			
Finance	Ksh 6 billion				
Main Project Facilities	(1) Construction of new sugar plant. (2) Rahbilitation of existing rubber dam. (3) Rehabilitation of existing link canal. (4) Rehabilitaion and extension of irrigation canals. (5) Rehabilitaion and extension of drainage canals. (6) Facilities for livestock production, animal feed and fodder prodction.				
Project Cost	*Civil Works*	US$ 381 million			
	Other Cost				
	Total Cost	Kshs 30,480 millino	*GOK Portion*		
Evaluation	*Economic IRR*	14.0%			
Beficiaries	*Farmhousehold*	4,000	*People:*	20,000	
Land Holding	*Holding Size*	1.0 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 20,000 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	200% p.a.			
Irrigation System Management	*Water Users Association*				
	O&M of Main System				
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*	None			
	Relocation of People	None			
	Environmental Issues	Human-wildlife conflicts, water supply, water borne diseases			
	Other Issues				
Priority in TARDA	Very high				
Data Source	1. Information from TARDA 2. HCA Consultants				

Table 4.2 Irrigation Projects Proposed by TARDA (3/8)

As of September 2012

Prorject Name	**Tana Delta Irrigation Project (TDIP)**				TARDA-03
Location	*Province Name*	COAST	*County Name*	Tana River	
	River Catchment	TANA	*Sub Catchment*	4HB	
	Distance	110 km north of Malindi			
Prorject Feature	The project is planned and dovetailed towards achieving the national development goals and in particular with respect to food security. The Tana Delta Irrigation Project (TDIP) is located inGarsen Division, , Tana Delta District, and Coast Province. The project area lies on the left bank of the river Tana from Sailoni in the north, where the TDIP intake was constructed. This is a rice scheme of 1,800 ha currently expandable to 4,000 ha and 10,000 ha by engaging outgrowers.				
Executing Agency	Tana and Athi River Development Authority (TARDA)				
Project Status	*Feasibility Study*	Done			
	Detailed Design	Done			
	Construction	Irrigation Infrastructure for 2,000 ha in place			
Finance	Government of Kenya				
Main Project Facilities	(1) Rahbilitation of existing rubber dam. (2) Rehabilitation of existing link canal. (3) Rehabilitaion and extension of irrigation canals. (4) Rehabilitaion and extension of drainage canals.				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 2,300 million	*GOK Portion*	100%	
Evaluation	*Economic IRR*	14.6%			
Beficiaries	*Farmhousehold*	6,000	*People:*	30,000	
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Irrigation area 1,800 ha*				
	Short Rain Season	Rice			
	Long Rain Season	Rice			
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 10,000 ha				
	Short Rain Season	Rice			
	Long Rain Season	Rice			
	Cropping Intensity	200% p.a.			
Irrigation System Management	*Water Users Association*				
	O&M of Main System				
	O&M of On-farm System	Managed by TARDA and WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*	No			
	Relocation of People	None			
	Environmental Issues	soil erosion, wetland management, Human wildlife conflicts,			
	Other Issues				
Priority in TARDA	Very high. This project is under Economic Stimulus Program.				
Data Source	1. Information from TARDA 2. HVA consultants				

Table 4.2 Irrigation Projects Proposed by TARDA (4/8)

As of September 2012

Prorject Name	**Munyu Multipurpose Dam & Kibwezi Irrigation Extention Project**			TARDA-04
Location	*Province Name*	Eastern and Central	*County Name*	Makueni/ Kiambu
	River Catchment	AANA	*Sub Catchment*	4CC & 3FB
	Distance	Munyu 80 km northeast of Nairobi, Kimbwezi 250 Km southeast of Nairobi		
Prorject Feature	The Munyu multipurpose dam project includes hydropower and irrigation development. The Kibwezi irrigation project downstream of the dam is a part of the project. Thus the project is called as Munyu-Kibwezi project. The Munyu-Kibwezi project is envisaged to comprise of the following: (1) Construction of the Munyu multipurpose dam. (2) Isstallation of 3 hydro-electric power stations with an aggregated capacity of 40MW. (3) Construction of a new irrigation systems to cover 15,000 ha. All these works are inter-related and their final character, sizing and phasing can only be determined after they have been studied in more detail, both individually and as part of an integrated whole.			
Executing Agency	Tana and Athi River Development Authority (TARDA)			
Project Status	*Feasibility Study*	Pre investment study done in 1986. A new study will be done in 2012.		
	Detailed Design	not scheduled yet		
	Construction	not scheduled yet		
Finance				
Main Project Facilities (related to irrigation)	(1) A Munyu dam with a effective storage capacity of 575 MCM. (2) Two river intake structures. (3) 80 km long canal with a maximum flow capacity of $20m^3/s$. (4) On-farm development			
Project Cost	*Civil Works*			
	Other Cost			
	Total Cost	Kshs 860 million (in 1986)	*GOK Portion*	
Evaluation	*Economic IRR*	12% (1986 estimate)		
Beficiaries	*Farmhousehold*	8,000	*People:* 40,000	
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*	*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*			
	Short Rain Season			
	Long Rain Season			
	Cropping Intensity			
	B. Future Conditions (with Project) = Net irrigation area 15,000 ha			
	Short Rain Season			
	Long Rain Season			
	Cropping Intensity	200% p.a.		
Irrigation System Management	*Water Users Association*			
	O&M of Main System			
	O&M of On-farm System	Managed by WUAs		
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users		
	Water Fee Payment			
Problmes to be Solved	*Land Acquisition*			
	Relocation of People			
	Environmental Issues			
	Other Issues			
Priority in TARDA	High priority project due to its perceived economic benefits.			
Data Source	1. Information from TARDA 2. Pre-investment study (1986)			

Table 4.2 Irrigation Projects Proposed by TARDA (5/8)

As of September 2012

Prorject Name	**Masinga Dam Irrigation Project**				TARDA-05
Location	*Province Name*	Eastern	*County Name*	Machakos	
	River Catchment	TANA	*Sub Catchment*	4DE	
	Distance				
Prorject Feature	Masinga dam will support irrigation of 10,000 ha of land in machakos. Currently TARDA has dry crop farming is going on but there are plans to put 1,000 ha of land under irrigation. The dam has pottential to irrigate up to 10,000 ha				
Executing Agency	Tana and Athi River Development Authority (TARDA)				
Project Status	*Feasibility Study*	Done already, but being reviewed in 2012 for expansion			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) A dam with a net storage capacity of 1,600 MCM. (2) Construction of new irrigation canal systems. (3) Construction of new drainage canals. (4) Construction of new farm roads.				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 6,900 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 10,000ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	200% p.a.			
Irrigation System Management	*Water Users Association*				
	O&M of Main System	TARDA			
	O&M of On-farm System	WUAs			
	O&M Fee Payment				
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in TARDA	High				
Data Source	1. Information from TARDA 2.				

Table 4.2 Irrigation Projects Proposed by TARDA (6/8)

As of September 2012

Prorject Name	**Kiambere Irrigation Project**				TARDA-06
Location	*Province Name*	Eastern	*County Name*	Embu	
	River Catchment	ATHI	*Sub Catchment*	4DE	
	Distance				
Prorject Feature	The proposed Kiambere dam (60 MCM) will support irrigation of 10,000ha of land in Embu. Currently TARDA has 150 ha of irrigation area, but this will be increased to 1,500 ha . The dam has pottential to irrigate up to 10,000 ha				
Executing Agency	Tana and Athi River Development Authority (TARDA)				
Project Status	*Feasibility Study*	Feasibility studied conducted. Review in 2012			
	Detailed Design	not yet, but a part of irrigation system done			
	Construction				
Finance					
Main Project	(1) Construction of a new dam with a net storage capacity of 60 MCM.				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 5,000 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 10,000 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	Water Users Association				
	O&M of Main System				
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in TARDA	High				
Data Source	1. Information from TARDA 2.				

Table 4.2 Irrigation Projects Proposed by TARDA (7/8)

As of September 2012

Prorject Name	**Kanzalu Irrigation Project**				TARDA-07
Location	*Province Name*	Eastern	*County Name*	Machakos	
	River Catchment	ATHI	*Sub Catchment*	3EA	
	Distance				
Prorject Feature	Construction of a dam which will support irrigation of 4,055 ha of land in machakos. The project targets small scale farmers				
Executing Agency	Tana and Athi River Development Authority (TARDA)				
Project Status	*Feasibility Study*	Not yet			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) Construction of a new storage dam (2) Construction of a new irrigation system for 4,055 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)		*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 4,055 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	200% p.a.			
Irrigation System Management	Water Users Association				
	O&M of Main System				
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in TARDA	Medium				
Data Source	1. Information from TARDA				

Table 4.2 Irrigation Projects Proposed by TARDA (8/8)

As of September 2012

Prorject Name	**Thanantu Irrigation Project**				TARDA-08
Location	*Province Name*	Eastern	*County Name*	Meru	
	River Catchment	TANA	*Sub Catchment*	4FA	
	Distance				
Prorject Feature	Construction of a dam which will support irrigation of 2,500 ha of land in Meru. The project targets small scale farmers.				
Executing Agency	Tana and Athi River Development Authority (TARDA)				
Project Status	*Feasibility Study*	Not yet			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) Construction of a new storage dam (2) Construction of a new irrigation system				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)		*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 2,500 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	200% p.a.			
Irrigation System Management	*Water Users Association*				
	O&M of Main System				
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People				
	Environmental Issues				
	Other Issues				
Priority in TARDA	Medium				
Data Source	1. Information from TARDA				

5. Proposed Irrigation Projects under CDA

Table 5.1 List of Proposed Irrigation Projects under CDA

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh mil)	Work Progress as of 2012			Priority	Development plan of Executing Agencies
								F/S	D/D	Const		
1.	Sabaki Umba River Basins Integrated Development Project	Athi	Kilifi, Kwale	80,000	New	Dam	14,750	On-going	On-going		High Flagship 2030	This is an integrated project comprizing a dam construction for flood control across Umba Rivera Weir construction for Sabaki River and irrigation, domestic water supply, livestock development, improvement of road networks, sanitaion and environment conservation.
2.	Raare Multipurpose Dam Project	Athi	Kilifi	700	New	Dam	4,000	On-going	On-going		High	This is an integrated project comprizing a multipurpose dam construction on the Raare river. Project benefits will be raseid by hydropower genaration, domestic water supply, irrigation, sanitation, and environment conservation.
3.	Lake Challa Water Resource Integrated Development Project	Athi	Taita Taveta	330	New	Borehole	3,289	Done	Done		High	This is an integrated rural development project to alleviate poverty through provision of domestic water, irrigation, and improvement of sanitation and cathment conservation.
4.	Burangi Irrigation Project	Athi	Kilifi	1,200	New	Weir	630	Not yet			Medium	This projects involves irrigation (1,200 ha) with drainage imrovement of natural Swamp area where rice and maize production is being done. It depends on floods from the Sabaki river when rice is grown and as the water receds maize take its place. Diversion works (weir and intake) and drainage canals will be constructed. There will be need to improve roads networks acreage proposed for this scheme.

Source: CDA in 2012

Remarks: Type of Project: Ext = Extension. Rehab = Rehabilitation

Table 5.2 Irrigation Projects Proposed by CDA (1/4)

As of September 2012

Prorject Name	**Sabaki Umba River Basins Integrated Development Project**				CDA-01
Location	*Province Name*	Coast	*County Name*	Kilifi, Kwale	
	River Catchment	ATHI	*Sub Catchment*	Umba 3K, Sabaki 3MB	
	Distance	100 km south of Mombasa and 165 km north of Mombasa			
Prorject Feature	This is an integrated project comprizing a dam construction for flood control across Umba Rivera Weir construction for Sabaki River and irrigation, domestic water supply, livestock development, improvement of road networks, sanitaion and environment conservation.				
Executing Agency	Coast Development Authority (CDA)				
Project Status	*Feasibility Study*	On-going			
	Detailed Design	On-going			
	Construction				
Finance					
Main Project Facilities	(1) Storage dam (37 m high) across the Umba River (2) New weir at Sabaki (3) Irrigation system for 80,000 ha (4) Flood dykes (5) Roads				
Project Cost	*Civil Works*	Dam (500 mil), Irrigation (6,000 mil), Flood dykes (250 mil), Roads (2,500 mil)			
	Other Cost	Sanitation (1,500 mil), Others (4,000 mil)			
	Total Cost	Kshs 14,750 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 80,000 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	Water Users Association	To be formed			
	O&M of Main System	CDA			
	O&M of On-farm System	WUAs			
	O&M Fee Payment	WUAs			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People	may not be necessary			
	Environmental Issues	EMP will be put in place			
	Other Issues	Detailed ESIA will be carried out			
Priority in CDA	High, Flagship projects for Vision 2030				
Data Source	1. Information from CDA 2.				

Table 5.2 Irrigation Projects Proposed by CDA (2/4)

As of September 2012

Prorject Name	**Raare Multipurpose Dam Project**				CDA-02
Location	*Province Name*	Coast	*County Name*	Kilifi	
	River Catchment	ATHI	*Sub Catchment*	3M	
	Distance	70 km northwest of Mombasa			
Prorject Feature	This is an integrated project comprizing a multipurpose dam construction on the Raare river. Project benefits will be raseid by hydropower genaration, domestic water supply, irrigation, sanitation, and environment conservation.				
Executing Agency	Coast Development Authority (CDA)				
Project Status	*Feasibility Study*	On-going			
	Detailed Design	On-going			
	Construction				
Finance					
Main Project Facilities	(1) Multipurpose dam (21m high), (2) Hydropower plant (3) Domestic and irrigation water supply (42,200m^3 per day) (4) Pumping unit and irrigation system				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 4,000 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 700 ha				
	Short Rain Season	700 ha			
	Long Rain Season	300 ha			
	Cropping Intensity	143% p.a.			
Irrigation System Management	Water Users Association	To be formed			
	O&M of Main System	CDA			
	O&M of On-farm System	WUAs			
	O&M Fee Payment	WUAs			
	Water Fee Payment				
Problmes to be Solved	*Land Acquisition*				
	Relocation of People	may not be necessary			
	Environmental Issues	EMP will be put in place			
	Other Issues	Detailed ESIA will be carried out			
Priority in CDA	High				
Data Source	1. Information from CDA 2.				

Table 5.2 Irrigation Projects Proposed by CDA (3/4)

As of September 2012

Prorject Name	**Lake Challa Water Resource Integrated Development Project**				CDA-03
Location	*Province Name*	Coast	*County Name*	Taita Taveta	
	River Catchment	ATHI	*Sub Catchment*	3J, 3MA	
	Distance	265 km southwest of Mombasa			
Prorject Feature	This is an integrated rural development project to alleviate poverty through provision of domestic water, irrigation, and improvement of sanitation and cathment conservation.				
Executing Agency	Coast Development Authority (CDA)				
Project Status	*Feasibility Study*	Done			
	Detailed Design	Done			
	Construction				
Finance					
Main Project Facilities	(1) Boreholes (3nos) at Challa,Timbila and Lake Jipe, and transmission line (2) Submassible pumps, 1,200 m^3/hour (3) Elevated tanks (4) Pipe canal system (5) Storage facilities				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 3,289 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	1 ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 330 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	Water Users Association	to be formed			
	O&M of Main System	WUA			
	O&M of On-farm System	WUA			
	O&M Fee Payment	WUA			
	Water Fee Payment	WUA			
Problmes to be Solved	*Land Acquisition*	Trustee land will be acquired where possible			
	Relocation of People				
	Environmental Issues	rehabilitation of Challa escarpment, Kedong hill and Salaita hill			
	Other Issues	fish ponds,rehabilitation of wetlands and springs will be done			
Priority in CDA	High				
Data Source	1. Information from CDA 2.				

Table 5.2 Irrigation Projects Proposed by CDA (4/4)

As of September 2012

Prorject Name	**Burangi Irrigation Project**				CDA-04
Location	*Province Name*	Coast	*County Name*	Kilifi	
	River Catchment	ATHI	*Sub Catchment*	4K	
	Distance	116 km north of Mombasa ,10 km west of Malindi town			
Prorject Feature	This projects involves irrigation (1,200 ha) with drainage imrovement of natural Swamp area where rice and maize production is being done. It depends on floods from the Sabaki river when rice is grown and as the water receds maize take its place. Diversion works (weir and intake) and drainage canals will be constructed. There will be need to improve roads networks acreage proposed for this scheme. Though next to Malindi whch is known for world class tourims, the people of Burangi have not benefited from this. Thus this project is importance to implement for regional equity.				
Executing Agency	Coast Development Authority (CDA)				
Project Status	*Feasibility Study*	Not yet. Project identification study done.			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) Diversion weir and intake (2) Drainage canals (3) Irrigation system for 1,200 ha (4) Road network				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 630 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 1,200 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	Water Users Association	to be formed			
	O&M of Main System	CDA			
	O&M of On-farm System	WUAs			
	O&M Fee Payment	WUAs			
	Water Fee Payment	WUAs			
Problmes to be Solved	*Land Acquisition*	already in place ,more will be aquierd where needed			
	Relocation of People	may not be necessary			
	Environmental Issues	EMP will be put in place			
	Other Issues	Detailed ESIA will be carried out			
Priority in CDA	Medium				
Data Source	1. Information from CDA 2.				

6. Proposed Irrigation Projects under ENSDA

Table 6.1 List of Irrigation Projects Proposed by ENSDA

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh. mil)	Work Progress as of 2012			Priority	Development plan of Executing Agencies
								F/S	D/D	Const		
1.	Iltilal Irrigation Project	ATHI	Kajiado	250	Ext	Dam	30	Done	Done	On-going	On-going	The project is to extend irrigation area from present 80 ha to 250 ha obtaining water from springs. Construction works are in progress.
2.	Norera Irrigation Project	RV	Narok	2,000	New	Dam	1,600	on-going	on-going		High	F/S D/D is funded by NBI and scheduled to be completed for 12 months. Irrigation development would be realized after construction of a dam.
3.	Lower Ewaso Ngiro River Basin Integrated Multupurpose Pjt	RV	Kajiado	22,000	New	Multi purpoe Dam	12,000	on-going	on-going		High	F/S and D/D is funded by GOK and scheduled to be completed for 18 months. Irrigation development would be realized after construction of a dam.
4.	Olkejuado Dry Land Irrigation Project	RV	Kajiado	3,000	New	Dam	1,800	Proposed			High	The scheme is to cover 3,000 ha irrigation area, obtaining water from the Olekujuado River.
5.	Mt. Kilimanjaro Irrigation Project	ATHI	Kajiado	1,500	Reh+Ext	Springs	600	Proposed			Very high	The Project is to upgrade existing spring irrigation for 400 ha to 1,500 ha by changing irrigation system from open system to closed system. Available yield from the spring is 2 m3/s which is enough to irrigate 1,500 ha.
6.	Oldekesi Irrigation Project	RV	Narok	2,000	New	Dam	800	Proposed			Medium	The project is to cover 2,000 ha irrigation area located adjascent to the Masai Mara game reserve. It obtains irrigation water from Sand River.
7.	Suswa Flood Mitigation Irrigation Project	RV	Narok	4,000	New	Dam	2,500	Proposed			Medium	The project will develop new irrigation area of 4,000 ha, situated within floodding areas.
8.	Ilchilal Smallholder Irrigation Scheme	ATHI	Kajiado	600	Ext	Weir	200	Proposed			High	The scheme covers 600 ha irrigation area and obtains water from Nolturesh River through a side orifice.

Source: ENSDA in 2012

Remarks: Type of Project: Ext = Extension. Reh = Rehabilitation

Table 6.2 Irrigation Projects Proposed by ENSDA (1/8)

As of September 2012

Prorject Name	**Iltilal Irrigation Project**				ENSDA-01
Location	*Province Name*	Rift Valley	*County Name*	Kajiado	
	River Catchment	ATHI	*Sub Catchment*	3G	
	Distance	200 km southeast of Nairobi			
Prorject Feature	The project is to extend irrigation area from present 80 ha to 250 ha obtaining water from springs. This is ASAL region with low rainfall to support rain fed agriculture, and their major livelihood activity is pastoralism and irrigated agriculture. The major challenge in the region is frequent droughts that leads to massive death of the livestock. The project was initiated by the community, however the irrigation efficiency was very low as they used undesigned open systems that allowed massive water loss. Also the water source was destroyed by people activities, livestocks and wildlife thus resulting to reduced water generation from the spring. ENSDA rehabilitated the scheme structures that improved the water efficiency, resulting to increased area under irrigation as well as increased land productivity.income.				
Executing Agency	Ewaso Ngiro South Development Authority (ENSDA)				
Project Status	*Feasibility Study*	Done			
	Detailed Design	Done			
	Construction	construction on-going			
Finance					
Main Project Facilities	(1) Improvement of conveyance canal from springs to farmland (2) Irrigation canal extension (3.5 km, lined) (3) River and road crossing structures				
Project Cost	*Civil Works*	Kshs 25 million			
	Other Cost	Kshs 5 million			
	Total Cost	Kshs 30 million	GOK Portion		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*	139	People:		
Land Holding	*Holding Size*	0.8 ha/farmhousehold	*Tennant Operator:* Nil	*Ratio:* 0%	
Present and Future Farming Condition	*A. Present Conditions (without project) = Existing irrigation area 80 ha*				
	Short Rain Season	40 ha			
	Long Rain Season	40 ha			
	Cropping Intensity	100%			
	B. Future Conditions (with Project) = Net irrigation area 250 ha				
	Short Rain Season	200 ha			
	Long Rain Season	250 ha			
	Cropping Intensity	180%			
Irrigation System Management	*Water Users Association*				
	O&M of Main System	Managed by ENSDA			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/season paid by all system users			
	Water Fee Payment	To be charged by WUA			
Problems to be Solved	*Land Acquisition*	None			
	Relocation of People	None			
	Environmental Issues	Environmental degradation through uncontrolled expansion and water use conflict			
	Other Issues	Flooding			
Priority in ENSDA	Construction on-going				
Data Source	1. Information from ENSDA				

Table 6.2 Irrigation Projects Proposed by ENSDA (2/8)

As of September 2012

Project Name	**Norera Irrigation Project**				ENSDA-02
Location	Province Name	Rift Valley	County Name	Narok	
	River Catchment	RV	Sub Catchment	2KA	
	Distance	200 km west of Nairobi			
Project Feature	The scheme is to cover 2,000 ha irrigation area and situated at the boundary of Narok and Bomet county. It obtains irrigation water from Amala River. This is ASAL region with low rainfall to support rain fed agriculture, and their major livelihood activity is pastoralism. The major challenge in the region is frequent droughts that leads to massive death of the livestock, robbing this community their livelihood. Development of irrigation agriculture will offer a reliable alternative source of food and income. Water reliability to be enhanced through construction of Norera dam thus to ensure food security so as to meet the government's agricultural policy and realization of vision 2030 objective.				
Executing Agency	Ewaso Ngiro South Development Authority (ENSDA)				
Project Status	Feasibility Study	On-going			
	Detailed Design	On-going			
	Construction				
Finance	Nile Basin Initiative (NBI)				
Main Project Facilities	(1) Norera dam: 26.8 m high, 25 MCM net storage capacity (2) Irrigation system for 2,000 ha (3) Drainage canals (4) Roads				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 1,600 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		People:		
Land Holding	*Holding Size*	ha/farmhousehold	Tennant Operator:		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season	Pastoralists			
	Long Rain Season	Pastoralists			
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 2,000 ha				
	Short Rain Season	1,000 ha			
	Long Rain Season	2,000 ha			
	Cropping Intensity	150%			
Irrigation System Management	*Water Users Association*	To be formed			
	O&M of Main System	Yet to be determined			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined during O/M			
	Water Fee Payment	To be charged by WUA			
Problmes to be Solved	*Land Acquisition*	Communal land under group ranch			
	Relocation of People	To be determined by the F/S			
	Environmental Issues	To be identified by EIA report			
	Other Issues	Training pastoealists in agriculture production			
Priority	High				
Data Source	1. Information from ENSDA 2. Nile Basin Initiative (NBI) and TAHAL Consultants				

Table 6.2 Irrigation Projects Proposed by ENSDA (3/8)

As of September 2012

Project Name	**Lower Ewaso Ngiro River Basin Integrated Multupurpose Project**				ENSDA-03
Location	*Province Name*	Rift Valley	*County Name*	Kajiado	
	River Catchment	RV	*Sub Catchment*	2KA	
	Distance	150 km west of Nairobi			
Project Feature	Theproject is to cover 22,000 ha irrigation area, which will be the largest irrigation scheme in Narok county. The proposed irrigation system water source is the Ewaso Ngiro South River and part of sub basin water transfer from the Amala River. This is ASAL region with low rainfall to support rainfed agriculture, and their major livelihood activity is pastoralism. The major challenge in the region is frequent droughts that leads to massive death of the livestock, robbing this community their livelihood. Community requested for assistance in developing irrigated agriculture to offer a reliable alternative source of food and income. Water reliability to be enhanced through construction of three (3) cascaded dams at Oletukat, Leshota and Oldorko. These dams are also to generate hydroelectric power, thus to ensure food security and promote industrilization.				
Executing Agency	Ewaso Ngiro South Development Authority (ENSDA)				
Project Status	*Feasibility Study*	On-going			
	Detailed Design	On-going			
	Construction				
Finance					
Main Project Facilities	(1) Oletuka dam: 140 m high, 270 MCM net storage capacity (2) Leshota dam: 56.5 m high, 30 MCM net storage capacity (3) Oldorko dam: 30 m high, 18 MCM net storage capacity (4) Hydropower plant (5) Irrigation system for 20,000 ha (6) Eco tourism and apiculture				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost	Kshs 12,000 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season	Grazing land			
	Long Rain Season	Grazing land			
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 22,000 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	200%			
Irrigation System Management	*Water Users Association*	To be formed during project implementatiom			
	O&M of Main System	Yet to be determined			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined during operation and maintainance.			
	Water Fee Payment	To be charged by WUA			
Problmes to be Solved	*Land Acquisition*	Communal land under group ranch			
	Relocation of People	To be determined by the F/S			
	Environmental Issues	To be identified by EIA report			
	Other Issues	Training pastoealists in agriculture production			
Priority in ENSDA	High				
Data Source	1. Information from ENSDA (2012) 2. Typsa (2012)				

Table 6.2 Irrigation Projects Proposed by ENSDA (4/8)

As of September 2012

Project Name	**Olkejuado Dry Land Irrigation Project**				ENSDA-04
Location	*Province Name*	Rift Valley	*County Name*	Kajiado	
	River Catchment	RV	*Sub Catchment*	2H-3	
	Distance	85 km southwest of Nairobi			
Project Feature	The scheme is to cover 3,000 ha irrigation area, obtaining water from the Olekujuado River. This is ASAL region with low rainfall to support rain fed agriculture, and their major livelihood activity is pastoralism. The major challenge in the region is frequent droughts that leads to massive death of the livestock, robbing this community their livelihood. Community requested for assistance in developing irrigated agriculture to offer a reliable alternative source of food and income. Water reliability to be enhanced through construction of Olkishungi dams , thus to ensure food security so as to meet with the government's agricultural policy and realization of vision 2030 objective.This is one of the identified flagship project of ENSDA for Vision 2030.				
Executing Agency	Ewaso Ngiro South Development Authority (ENSDA)				
Project Status	*Feasibility Study*	Proposed			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) Olkishungi dam: 10 m high, 1.1 MCM net storage capacity (2) Irrigation system for 3,000 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)		GOK Portion		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Pastoralists*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 3,000 ha				
	Short Rain Season	1,500 ha			
	Long Rain Season	3,000 ha			
	Cropping Intensity	150%			
Irrigation System Management	*Water Users Association*	To be formed			
	O&M of Main System	Yet to be determined			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined during O & M			
	Water Fee Payment	To be charged by WUA			
Problmes to be Solved	*Land Acquisition*	Communal land under group ranch			
	Relocation of People	To be determined by the F/S			
	Environmental Issues	To be identified by EIA report			
	Other Issues	Training pastralists in agricultural production			
Priority in ENSDA	High				
Data Source	1. Information from ENSDA (2011) 2. MORDA (2011)				

Table 6.2 Irrigation Projects Proposed by ENSDA (5/8)

As of September 2012

Project Name	**Mt. Kilimanjaro Irrigation Project**				ENSDA-05
Location	*Province Name*	Rift Valley	*County Name*	Kajiado	
	River Catchment	ATHI	*Sub Catchment*	3 G	
	Distance	250 km southeast of Nairobi			
Project Feature	The Project is to upgrade existing spring irrigation for 400 ha to 1,500 ha by changing irrigation system from open system to closed system. Available yield from the spring is 2 m^3/s which is enough to irrigate 1,500 ha. Irrigated agriculture will offer a reliable alternative source of food and income. Water reliability to be enhanced through protection and conservationof the springs thus to ensure food security so as to meet the government's agricultural policy and realization of vision 2030 objective.				
Executing Agency	Ewaso Ngiro South Development Authority (ENSDA)				
Project Status	*Feasibility Study*	Proposed			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) Spring protection works (2) New construction of irrigation system (closed system)				
Project Cost	Civil Works				
	Other Cost				
	Total Cost (loan)		GOK Portion		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		People:		
Land Holding	*Holding Size*	ha/farmhousehold	Tennant Operator:		Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Net Irrigation area 400 ha*				
	Short Rain Season	300 ha			
	Long Rain Season	400 ha			
	Cropping Intensity	175%			
	B. Future Conditions (with Project) = Net irrigation area 1,500 ha				
	Short Rain Season	1,000 ha			
	Long Rain Season	1,500 ha			
	Cropping Intensity	167%			
Irrigation System Management	Water Users Association	In place, however to be empowered through training			
	O&M of Main System	Managed by WUAs			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined during O & M			
	Water Fee Payment	To be charged by WUA			
Problmes to be Solved	Land Acquisition	Nil			
	Relocation of People	Nil			
	Environmental Issues	Environmental conservation and floods mitigation			
	Other Issues	To be identified by F/S			
Priority in ENSDA	Very high				
Data Source	1. Information from ENSDA				

Table 6.2 Irrigation Projects Proposed by ENSDA (6/8)

As of September 2012

Project Name	**Oldekesi Irrigation Project**				ENSDA-06
Location	*Province Name*	Rift Valley	*County Name*	Narok	
	River Catchment	RV	*Sub Catchment*	2KA	
	Distance	220 km west of Nairobi			
Project Feature	The project is to cover 2,000 ha irrigation area located adjascent to the Masai Mara game reserve. It obtains irrigation water from Sand River. This is ASAL region with low rainfall to support rain fed agriculture, and their major livelihood activity is pastoralism. The major challenge in the region is frequent droughts that leads to massive death of the livestock, robbing this community their livelihood. Community requested for assistance in developing irrigated agriculture to offer a reliable alternative source of food and income. The River is intermitent, however it experience heavy floodings during rainy season, hence to ensure water reliability construction of Oldekesi dam is necessary to ensure food security so as to meet the government's agricultural policy and realization of vision 2030 objective.				
Executing Agency	Ewaso Ngiro South Development Authority (ENSDA)				
Project Status	*Feasibility Study*	Proposed			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) Oldekesi dam (12 m high, 25 MCM net storage capacity) = Recoinnances study estimates (2) New irrigation system for 2,000 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)		*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Existing irrigtion area 10 ha*				
	Short Rain Season	Pastoralists			
	Long Rain Season	Pastoralists			
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 2,000 ha				
	Short Rain Season	1,000 ha			
	Long Rain Season	2,000 ha			
	Cropping Intensity	150%			
Irrigation System Management	*Water Users Association*	To be formed			
	O&M of Main System	Yet to be determined			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	to be determined during O/M			
	Water Fee Payment	To be charged by WUA			
Problmes to be Solved	*Land Acquisition*	to be determined by F/S			
	Relocation of People	to be determined by F/S			
	Environmental Issues	to be determined by F/S			
	Other Issues	to be determined by F/S			
Priority in ENSDA	Medium				
Data Source	1. Information from ENSDA				

Table 6.2 Irrigation Projects Proposed by ENSDA (7/8)

As of September 2012

Project Name	**Suswa Flood Mitigation Irrigation Project**				ENSDA-07
Location	Province Name	Rift Valley	County Name	Narok	
	River Catchment	RV	Sub Catchment	2H-1	
	Distance	90 km northwest of Nairobi			
Project Feature	The project will develop new irrigation area of 4,000 ha, situated within floodding areas. This is ASAL region with low rainfall to support rain fed agriculture, however flash floods are common phenomenon which have created havoc among them washing away of bridges, destruction of Narok -Mai mahiu road and massive erosion brocking the road. The major challenge in the region is frequent droughts and flash floods that leads to massive death of the livestock, robbing this community their livelihood. Development of floods mitigation measures and irrigation infrastrucure will offer a reliable alternative source of food and income. Water reliability to be enhanced through construction of four dam thus to ensure food security so as to meet the government's agricultural policy and realization of vision 2030 objective.				
Executing Agency	Ewaso Ngiro South Development Authority (ENSDA)				
Project Status	Feasibility Study	Proposed			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	(1) 3 dams will be constructed with a net storage capacity of 30MCM (2) Construction of new irrigation system for 4,000 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)		*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project) = Existing irrigation area None*				
	Short Rain Season	Pastoralists			
	Long Rain Season	Pastoralists			
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 4,000 ha				
	Short Rain Season	2,000			
	Long Rain Season	4,000			
	Cropping Intensity	150%			
Irrigation System Management	*Water Users Association*	To be formed			
	O&M of Main System	Yet to be determined			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined during O & M			
	Water Fee Payment	To be charged by WUA			
Problmes to be Solved	*Land Acquisition*	to be determined by F/S			
	Relocation of People	to be determined by F/S			
	Environmental Issues	to be determined by F/S			
	Other Issues	to be determined by F/S			
Priority in ENSDA	Medium				
Data Source	1. Information from ENSDA 2. WARMA				

Table 6.2 Irrigation Projects Proposed by ENSDA (8/8)

As of September 2012

Prorject Name	**Ilchilai Irrigation Project**				ENSDA-08
Location	*Province Name*	Rift Valley	*County Name*	Kajiado	
	River Catchment	ATHI	*Sub Catchment*	3G	
	Distance	230 km Southeast of Nairobi			
Prorject Feature	The scheme covers 600 ha irrigation area and obtains water from Nolturesh River through a side orifice. This is ASAL region with low rainfall to support rain fed agriculture, and their major livelihood activity is pastoralism and irrigated agriculture. The major challenge in the region is frequent droughts that leads to massive death of the livestock. The project was initiated by the community, however the irrigation efficiency is very low as they use undesigned open systems that allows massive water loss. The major challenge are floods that occasionary destroy infrastructure.				
Executing Agency	Ewaso Ngiro South Development Authority (ENSDA)				
Project Status	*Feasibility Study*	Proposed			
	Detailed Design				
	Construction				
Finance					
Main Project Facilities	To be determined after F/S				
Project Cost	Civil Works				
	Other Cost				
	Total Cost (loan)		GOK Portion		
Evaluation	Economic IRR				
Beficiaries	Farmhousehold		People:		
Land Holding	Holding Size	0.2 ha/farmhousehold	Tennant Operator:	Nil	Ratio:
Present and Future Farming Condition	*A. Present Conditions (without project) = Existing irrigation area 300ha*				
	Short Rain Season	200 ha			
	Long Rain Season	300 ha			
	Cropping Intensity	167%			
	B. Future Conditions (with Project) = Net Irrigation area 600 ha				
	Short Rain Season	400 ha			
	Long Rain Season	600 ha			
	Cropping Intensity	167%			
Irrigation System Management	*Water Users Association*				
	O&M of Main System	Managed by IWUA			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/season paid by all system users			
	Water Fee Payment				
Problems to be Solved	*Land Acquisition*	To be determined by F/S			
	Relocation of People	None			
	Environmental Issues	Environmental degradation through uncontrolled expansion and			
	Other Issues	Flooding			
Priority in ENSDA	Medium				
Data Source	1. Information from ENSDA 2.				

7. Proposed Irrigation Projects under ENNDA

Table 7.1 List of Irrigation Projects Proposed by ENNDA

As of September 2012

No	Name of Project	River Catchment	County	Irrigation Area (ha)	Type of Project	Water Source	Cost (Ksh. mil)	Work Progress as of 2012			Priority	Development plan of Executing Agencies
								F/S	D/D	Const		
1.	Wajir Dam Irrigation Integrated Development Project	ENN	Wajir, Isiolo and Samburu	2,146	New	Dam	5,280	On-going	On-going		Top priority	The project area (2,146 ha) is formed by 4 schemes, i.e. Malkadaka (233 ha), Gafarsa (1,350 ha), Muchuro (273 ha), and Kombola-Mogore-Malka Guba (290 ha). Water source is the Ancher's Post dam. The link canal is 28 km long, and lateral canals 19 km. Seek funds (Donor+PPP+GOK).
2.	Lorian Swamp Cotton Irrigation Project	ENN	Wajir	1,800	New	Dam	2,000	On-going	On-going		High	The Lorian cotton irrigation project has 1,800 ha of potential land, extending from north to south of the River from Lorian to lagdera district.
3.	Kulamawe-Biliko Small Scale Irrigation Project	ENN	Isiolo	498	New	Dam	400				Medium	The Kulamawe-Biliko Irrigation Scheme project has five schemes with a total irrigation area of 498 ha. It extent from north and south of the river from Gottu , Biliko, Gachuru to Garba Tulla, linking with the Rapsu schemes.
4.	Kisima Small Scale Irrigation Project	ENN	Samburu	210	New	Dam	200				Medium	The Kisima Irrigation Scheme project has irrigation potential of 210 ha.The water source being from proposed Kirimon dam, Kisima Irrigation will sufficiently yield good harvest for the area.
5.	Marsabit Small Scale Irrigation Project	ENN	Marsabit	92	New	Dam	100				Medium	The Marsabit Irrigation Scheme project has five schemes with irrigation potential totalling 92 ha. The proposed Guyo Jaldesa Dam will irrigate the arable 92 ha land sufficiently.

Source: ENNDA in 2012

Remarks: Type of Project: Ext = Extension. Reh = Rehabilitation

Table 7.2 Irrigation Projects Proposed by ENNDA (1/5)

As of September 2012

Project Name	**Wajir Dam Irrigation Integrated Development Project**				ENNDA-01
Location	*Province Name*	Eastern, NE & Rift Valley	*County Name*	Isiolo, Wajir and Samburu	
	River Catchment	ENN	*Sub Catchment*	5ED	
	Distance	130 km d/s of Archers Post, along right bank of ENNR.			
Project Features	The project area (2,146 ha) is formed by 4 schemes, i.e. Malkadaka (233 ha), Gafarsa (1,350 ha), Muchuro (273 ha), and Kombola-Mogore-Malka Guba (290 ha). Water source is the Ancher's Post dam. The link canal is 28 km long, and lateral canals 19 km.				
Executing Agency	Ewaso Ngiro North Development Authority (ENNDA)				
Project Status	*Feasibility Study*	On-giong			
	Detailed Design	On-going			
	Construction				
Finance	Not yet (support by donor is expected)				
Main Project Facilities	(1) Archer's Post dam (2) Cascading weirs at 4 locations (Gottu, Kubiqallo, Malka Daka, and Gafarsa) (3) Link canal of (28 km) (4) Irrigation canal (19 km) (5) Drainage canal (4 km)				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)	Kshs 5,280 million	GOK Portion	Kshs 480 million	
Evaluation	*Economic IRR*	20.0%			
Beficiaries	*Farmhousehold*	28,000	*People:*	140,000	
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*	*Ratio:*	
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season	cropping area 20 ha			
	Long Rain Season	cropping area 20 ha			
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 2,146 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity	150%			
Irrigation System Management	*Water Users Association*	To be established by 2013			
	O&M of Main System	ENNDA Project Management Office at Gafarsa			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	Ksh 2,000/acre/year paid by all system users			
	Water Fee Payment	WRMA to charge			
Problmes to be Solved	*Land Acquisition*	Trustland to be allocated by County government			
	Relocation of People	none			
	Environmental Issues	To conduct EIA			
	Other Issues	None			
Priority in ENNDA	Top priority. Vision 2030 flagship project				
Data Source	1. Information from ENNDA 2. Water Resources Study Report, 2002 by Nippon Koei and ENNDA				

Table 7.2 Irrigation Projects Proposed by ENNDA (2/5)

As of September 2012

Project Name	**Lorian Swamp Cotton Irrigation Project**				ENNDA-02
Location	Province Name	North Eastern	County Name	Wajir	
	River Catchment	ENN	Sub Catchment	5FB	
	Distance	300 km d/s of Archers Post along north and south bank of ENNR			
Project Features	The Lorian cotton irrigation project has 1,800 ha of potential land, extending from north to south of the River from Lorian to lagdera district.				
Executing Agency	Ewaso Ng'iro North Development Authority (ENNDA)				
Project Status	*Feasibility Study*	On-going			
	Detailed Design	On-going			
	Construction				
Finance					
Main Project Facilities	(1) Malkadaka dam (2) Gafarsa weir and Kubiqallo weir (3) Diversion canals (4) Irrigation canals (5) Drainage canals (6) Roads				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)	Kshs 2,000 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*	50,000	*People:*	360,000	
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net Irrigation area 1,800 ha (tentative)				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	Extension to be established by 2014			
	O&M of Main System	ENNDA Project Management Office at Habaswein			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	To be determined during completion			
	Water Fee Payment	WRMA to charge			
Problmes to be Solved	*Land Acquisition*	Trustland to be allocated by County government			
	Relocation of People	None			
	Environmental Issues	To conduct EIA			
	Other Issues	None			
Priority in ENNDA	Very high. Vision 2030 flagship project				
Data Source	1. Information from ENNDA 2. Water Resources Study Report, 2002 by Nippon Koei and ENNDA				

Table 7.2 Irrigation Projects Proposed by ENNDA (3/5)

As of September 2012

Project Name	**Kulamawe-Biliko Small Scale Irrigation Project**				ENNDA-03
Location	*Province Name*	Eastern	*County Name*	Isiolo	
	River Catchment	ENN	*Sub Catchment*	5EB	
	Distance	150 km downstream of Archers Post			
Project Features	The Kulamawe-Biliko Irrigation Scheme project has five schemes with a total irrigation area of 498 ha. It extent from north and south of the river from Gottu , Biliko, Gachuru to Garba Tulla, linking with the Rapsu schemes.				
Executing Agency	Ewaso Ngiro North Development Authority (ENNDA)				
Project Status	*Feasibility Study*	to be done			
	Detailed Design	to be done			
	Construction				
Finance					
Main Project Facilities	(1) Gottu Dam (2) Gottu weir (3) Irrigation system for 498 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)	Kshs 400 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 498 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	Extension to be established by 2013			
	O&M of Main System	ENNDA Project Management Office in Kulamawe			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	to be determined due commissioning			
	Water Fee Payment	WRMA to charge			
Problmes to be Solved	*Land Acquisition*	Trustland to be allocated by County Government			
	Relocation of People	none			
	Environmental Issues	To conduct EIA			
	Other Issues	None			
Priority in ENNDA	It is government top priority for implementation to increase food security				
Data Source	1. ENNDA, Database 2. Water Resources Study Report, 2002 by Nippon Koei and ENNDA 3. ENNDA, Integrated Regional Development Plan, 2010-2040				

Table 7.2 Irrigation Projects Proposed by ENNDA (4/5)

As of September 2012

Project Name	**Kisima Small Scale Irrigation Project**				ENNDA-04
Location	*Province Name*	Rift Valley	*County Name*	Samburu	
	River Catchment	ENN	*Sub Catchment*	5EB	
	Distance	150 km upstream of Archers Post			
Project Features	The Kisima Irrigation Scheme project has irrigation potential of 210 ha.The water source being from proposed Kirimon dam, Kisima Irrigation will sufficiently yield good harvest for the area.				
Executing Agency	Ewaso Ngiro North Development Authority (ENNDA)				
Project Status	*Feasibility Study*	to be done			
	Detailed Design	to be done			
	Construction				
Finance					
Main Project Facilities	(1) Kirimon dam (2) Kirimon weir (3) Irrigation system for 210 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)	Kshs 200 million	*GOK Portion*		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		People:		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 210 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	Extension to be established by 2014			
	O&M of Main System	ENNDA Project Management Unit in Maralal			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	to be determined due commissioning			
	Water Fee Payment	WRMA to charge			
Problmes to be Solved	*Land Acquisition*	Trustland to be allocated by County Government			
	Relocation of People	none			
	Environmental Issues	To conduct EIA			
	Other Issues	None			
Priority in ENNDA	It is government top priority for implementation to increase food security				
Data Source	1. ENNDA, Database 2. Water Resources Study Report, 2002 by Nippon Koei and ENNDA 3. ENNDA, Integrated Regional Development Plan, 2010-2040				

Table 7.2 Irrigation Projects Proposed by ENNDA (5/5)

As of September 2012

Project Name	**Marsabit Small Scale Irrigation Project**				ENNDA-05
Location	Province Name	Eastern	County Name	Marsabit	
	River Catchment	ENN	Sub Catchment	5EB	
	Distance	550 km north of Nairobi along A2 road			
Project Features	The Marsabit Irrigation Scheme project has five schemes with irrigation potential totalling 92 ha. The proposed Guyo Jaldesa Dam will irrigate the arable 92 ha land sufficiently.				
Executing Agency	Ewaso Ngiro North Development Authority (ENNDA)				
Project Status	Feasibility Study	to be done			
	Detailed Design	to be done			
	Construction				
Finance	feasibility Study to establish the cost estimates				
Main Project Facilities	(1) Manyatta Guyo Jaldesa dam (2) Irrigation system for 92 ha				
Project Cost	*Civil Works*				
	Other Cost				
	Total Cost (loan)	Kshs 100 million	GOK Portion		
Evaluation	*Economic IRR*				
Beficiaries	*Farmhousehold*		*People:*		
Land Holding	*Holding Size*	ha/farmhousehold	*Tennant Operator:*		*Ratio:*
Present and Future Farming Condition	*A. Present Conditions (without project)*				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
	B. Future Conditions (with Project) = Net irrigation area 92 ha				
	Short Rain Season				
	Long Rain Season				
	Cropping Intensity				
Irrigation System Management	*Water Users Association*	Extension to be established by 2013			
	O&M of Main System	ENNDA Project Management Office in Marsabit			
	O&M of On-farm System	Managed by WUAs			
	O&M Fee Payment	to be determined during completion			
	Water Fee Payment	WRMA to charge			
Problmes to be Solved	*Land Acquisition*	Individual farmlands			
	Relocation of People	none			
	Environmental Issues	To conduct EIA			
	Other Issues	None			
Priority in ENNDA	It is government top priority for implementation to increase food security				
Data Source	1. Information from ENNDA 2. Water Resources Study Report, 2002 by Nippon Koei and ENNDA				

8. Existing and Proposed Small Irrigation Schemes

Table 8.1 List of Existing and Proposed Small Scale Irrigation Schemes in 2012

No	Province	County	Nos of Irrigation Scheme				Irrigation Area	
			Existing (nos)	Proposed (nos)			Existing (ha)	Proposed (ha)
				Extension	New	Total		
1	Western	Kakamega	42	42	44	86	528	11,890
		Bungoma	6	6	15	21	109	11,410
		Busia	49	49	39	88	2,243	31,000
		Vihiga	8	8	23	31	18	2,933
		Total	105	105	121	226	2,898	57,233
2	Nyanza	Kisumu	44	44	0	44	310	5,167
		Migori	84	84	0	84	641	22,192
		Nyamira	16	16	0	16	36	851
		Homabay	33	33	0	33	99	3,450
		Kisii	52	52	0	52	85	2,466
		Siaya	46	46	0	46	320	11,150
		Total	275	275	0	275	1,491	45,276
3	Rift Valley	Narok	9	9	2	11	452	900
		Uasin Gishu	0	0	7	7	0	380
		Trans-Nzoia	25	25	0	25	654	3,530
		Elgeyo/Marakwet	17	17	3	20	715	3,414
		Pokot	0	0	4	4	0	287
		Balingo	29	29	24	53	1,519	10,620
		Samburu	3	3	3	6	8	480
		Bomet	2	2	33	35	6	14,162
		Kericho	0	0	25	25	0	2,454
		Nandi	11	11	0	11	19	820
		Kajiado	7	7	4	11	830	1,265
		Nakuru	31	31	3	34	877	2,515
		Turkana	13	10	1	14	917	1,874
		Laikipia	42	42	9	51	2,620	9,850
		Total	147	186	109	307	8,617	52,551
4	Nairobi	Nairobi	15	15	0	15	0.30	14.93
		Total	15	15	0	15	0.30	14.93
5	Central	Nyeri	25	25	23	48	935	7,957
		Kirinyaga	59	49	35	94	2,718	8,225
		Murang'a	13	12	38	51	288	4,608
		Nyandarua	9	9	16	25	86	9,369
		Kiambu	14	14	37	51	129	6,587
		Total	120	109	149	269	4,156	36,746
6	Eastern	Embu	0	0	22	22	0	5,420
		Isiolo	0	0	7	7	0	870
		Kitui	0	0	5	5	0	3,922
		Machakos	4	2	31	35	216	4,431
		Makueni	0	0	14	14	0	904
		Meru	0	0	68	68	0	6,110
		Tharaka Nithi	4	0	23	27	1,076	17,107
		Total	8	2	170	178	1,292	38,764
7	Coast	Mombasa	10	10	0	10	15	105
		Kirifi	23	22	12	35	211	9,936
		Kwale	64	58	14	78	1,740	7,203
		Taita Taveta	2	1	14	16	1,600	6,795
		Lamu	17	17	8	25	35	568
		Tana River	36	36	18	54	948	16,250
		Total	152	144	66	218	4,548	40,857
8	North Eastern	Garissa	3	2	0	3	42	104
		Wajir	3	0	0	3	60	60
		Mandera	17	0	0	17	800	800
		Total	23	2	0	23	902	964
Grand Total			845	838	615	1,511	23,903	272,407

Source: Compiled by JICA Study Team based on data/information form PIO and DIO in each province

Table 8.2 List of Existing and Proposed Small Scale Irrigation Schemes in Western Province in 2012 (1/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Kakamega County												
1	Bukura	Kakamega Central		0	80	Drip	HT	Isiukhu River	Pump		GOK	Identified
2	Roasterman	Kakamega Central		0	50	Drip	HT	Mining shafts	Pond	2014	GOK	
3	Shimanyiro	Kakamega Central		0	30	Drug Pipe	HT	Isiukhu River	Pump		GOK	Identified
4	Shikoti	Kakamega Central		0	60	Drug Pipe	HT	Isiukhu River	Pump		GOK	Identified
5	Kharanda	Kakamega Central		0	50	Drug Pipe	HT	Nzoia River	Pump		GOK	Identified
6	Lurambi	Kakamega Central		0	40	Drip	HT	Springs	Pipe		GOK	Identified
7	Bundonga Maira	Kakamega Central		0	30	Su-Hose	HT	Maira Stream	Weir		GOK	Identified
8	Buchangu	Kakamega Central		10	80	Su-Hose	HT	Sengeteti River	Weir	2013	GOK /WKCDD	Project partly done
9	Kamuli I&D	Kakamega Central		20	250	Su-Hose	HT		Weir		GOK	Project partly done
10	Esumeiya/Shihanula	Kakamega Central		0	80	Su-Hose	HT	Lusumu River	Weir	2014	GOK	Preliminary Design
11	Iguhu	Kakamega South		5	600	DrugHose/Sp	HT/B/M	Igaragoli River	Weir	2018		Preliminary Design
12	Kasavai	Kakamega South		0	50	Su-Hose	HT	Yala River	Pump fed	2015		Under Implementation
13	Shisejere	Kakamega South		8	200	Su-Hose	HT	Yala River	Weir			Identification
14	Musanyi	Kakamega South		0	120	Su-Hose	HT	Lukose Stream	Weir			Identification
15	Shitoli	Kakamega South		4	80	Su-Hose	HT	Musanyi Stream	Weir			Identification
16	Mukongolo	Kakamega South		0	100	Su-Hose	HT	Shitoli Stream	Weir			Identification
17	Koa	Kakamega South		5	250	Su-Hose	HT	Mukongolo Stream	Weir			Identification
18	Aisere	Kakamega South		5	180	Su-Hose	HT	Koa Stream	Weir			Identification
19	Lukose	Kakamega South		1	50	Su-Hose	HT	Isiukhu River	Pump fed	2014		Under Implementation
20	Mwiyala	Kakamega North		10	150	Surface	HT	River	Pond			Preliminary Design
21	Mashima springs	Kakamega North		0	65	Surface	HT	Springs	Pipe			Identification
22	Mukhuluchi	Kakamega North		15	165	Surface	HT	Lusumu River	Weir			Identification
23	Mwera	Kakamega North		15	120	Surface	HT	Mwera River	Weir			Identification
24	Kuvasali	Kakamega North		0	125	Surface	HT	Isiukhu River	Weir			Identification
25	Mausi I&D	Kakamega North		55	120	Surface	HT	Chevaywa River	Weir			Identification
26	Samitsi	Kakamega North		0	105	Surface	HT	Mausi river	Weir			Identification
27	Tombo	Kakamega North		0	250	Surface	HT	Pond	Pump			Identification
28	Chevaywa	Kakamega North		0	115	Surface	HT	Pond	Pump			Identification
29	East Kabras I&D	Kakamega North		0	380	Overhead	HT	,Chevaywa river	Weir			Identification
30	Hamtua	Kakamega North		65	105	Overhead	HT		Weir			Identification
31	Timbito	Kakamega North		75	135	Surface	HT	Pond	Pump			Identification
32	Muyundi	Kakamega North		0	75	Surface	HT	Pond	Pump			Identification
33	Namanja I&D	Kakamega North		0	70	Surface	HT	Nambilima river	Weir			Identification
34	Shivagala/Namushiya	Kakamega North		0	260	Surface	HT	Nambilima River	Weir			Identification
35	Nambilima I&D	Kakamega North		15	145	Overhead	HT	Nambilima river	Pump			Identification
36	Mukhuluchi	Kakamega North		35	165	Overhead	HT	Sasala river	Weir			Identification
37	Mashima Springs	Kakamega North		0	65	Surface	HT	Springs	Weir			Identification
38	Sivilye I&D	Kakamega North		0	75	Surface	HT	Sivilye river	Weir			Identification
39	Muchanja	Kakamega North		0	50	Overhead	HT	Muchanja river	Pump			Identification
40	Chebutuli	Kakamega North		0	60	Drip	HT	Pond	Pump			Identification

Table 8.2 List of Existing and Proposed Small Scale Irrigation Schemes in Western Province in 2012 (2/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
41	Lugusinda	Kakamega East		5	450	Su-Hose	HT	Lugusinda River	Weir			Preliminary Design
42	Shidodo-Shirerwa	Kakamega East		10	200	Su-Hose	HT, M,B	River	Dam			Preliminary Design
43	Murhanda	Kakamega East		0	50		HT	Murhanda Stream	Weir			
44	Mukulusi	Kakamega East		0	60	Surface	HT	Mukulusi Stream	Weir			Identification
45	Mukulu	Kakamega East		0	80	Su-Hose	HT	Mukulu Stream	Weir			Identification
46	Lukango	Kakamega East		0	100	Surface	HT	Lukango Stream	Weir			Identification
47	Mokhubiza	Kakamega East		0	120	Su-Hose	HT	Mokhubiza Stream	Weir			Identification
48	Shikondi	Kakamega East		0	60	Su-Hose	HT	Shikondi Stream	Weir			Identification
49	Nadamaywa	Kakamega East		5	50	Surface	HT	Nadamaywa Stream	Weir			Preliminary Design
50	Shipalo drainage	Kakamega East		10	80	Surface	HT, M, B	Springs	Drains			Identification
51	Mungavo	Kakamega East		5	150	Su-Hose	HT	Litsi River	Weir			Under Implementation
52	Ivakale	Kakamega East		2	1,400	Su-Hose	HT	Isiukhu River	Weir			Preliminary Design
53	Emalindi	Khwisero		12	200	Pump fed		R. Yala	Weir	2014		identified
54	Musodo	Khwisero		0	150	Drainage		yala	drains			identified
55	Mushinaka	Khwisero		0	180	Pump fed		underground water	weir			identified
56	Mulwanda	Khwisero		0	200	Drainage		underground water	drains			identified
57	Emukokho	Khwisero		0	240	Drainage		surface runoff	drains			identified
58	Wambulishe	Khwisero		20	500	Drainage		surface runoff	drains			identified
59	Imanga	Butere		10	200	Drainage		underground water	drains			identified
60	Eshisari drainage	Butere		0	120	Drainage		surface runoff	drains			identified
61	Lunza	Butere		0	45	Drainage		surface runoff	drains			identified
62	Shiatsala	Butere		0	60	Drainage		surface runoff	drains			identified
63	Matawa	Mumias		3	60	Surface	HT	Nzoia River	Weir	Not yet	GOK	Identified
64	Ebubaka	Mumias		3	40	Surface	HT	Nzoia River	Weir	Not yet	GOK	Identified
65	Mayoni	Mumias		4	30	Surface	HT	Nzoia River	Weir	Not yet	GOK	Identified
66	Sio	Matungu	Sio	5	60	Surface	HT/M	Sio River	Weir	Not yet	GOK	Identified
67	Khalaba	Matungu	Nzoia	2	45	Surface	Ht	Khalaba River	Weir	Not yet	GOK	Identified
68	Indangalasia	Matungu	Nzoia	3	35	Surface	HT/M	Nzoia River	Weir	Not yet	GOK	Identified
69	Kholera	Matungu	Nzoia	7	20	Surface	HT/M	Kholera River	Weir	Not yet	GOK	Identified
70	Namulungu	Matungu	Sio	2	20	Surface	HT/M	Sio River	Weir	Not yet	GOK	Identified
71	Kilimani	Likuyani	Nzoia	23	50	Surface	HT/M	DAM	Pond	2005/6	GOK	Need Rehabilitation
72	Machine	Likuyani	Nzoia	1	60	Surface	HT/M	Stream	Weir	N/A		Identification
73	Mafutu	Likuyani	Nzoia	1	30	Surface	HT/M	DAM	Pond	N/A		Identification
74	Maua	Likuyani	Nzoia	0	20	Surface	HT/M	Mtoni police river	Weir	N/A		Identified
75	Kwa Kimani	Likuyani	Nzoia	0	15	Surface	HT/M	DAM	Pond	N/A		Identification
76	Nyorotis	Likuyani	Nzoia	0	60	Surface	HT/M	DAM	Pond	N/A		Identification
77	Seregeya	Likuyani	Nzoia	0	10	Surface	HT/M	Stream	Weir	N/A		Identification
78	Sinoko	Likuyani	Nzoia	0	60	Surface	HT/M	DAM	Pond	N/A		Identification
79	Lumino	Likuyani	Nzoia	5	100	Surface	HT/M	DAM	Pond	N/A		Iddentified
80	Murenga	Likuyani	Nzoia	0	15	Surface	HT/M	DAM	Pond	N/A		Iddentified
81	Mawetatu	Likuyani	Nzoia	0	20	Surface	HT/M	Stream	Weir	N/A		Identification

Table 8.2 List of Existing and Proposed Small Scale Irrigation Schemes in Western Province in 2012 (3/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
82	Makutano	Lugari	Nzoia	2	1,000	Sp	HT/M	Nzoia River	Weir	N/A		Designed capacity building
83	Chekalini	Lugari	Nzoia	12	50	Pipe/Surface	HT/M	DAM	pOnd	2006/7	GOK	Capacity building
84	Namzoia Youth	Lugari	Nzoia	1	15	Sp	HT	Nzoia River	Pond	N/A	F/GOK	Design revision
85	Mwamba	Lugari	Nzoia	30	100	Surface	HT/M	River Sosiani	Weir	2007/8	GOK/WKCDP	Need Rehab & expansion
86	Munyuki Railway A	Lugari	Nzoia	2	100	Sp	HT/M	River Murgus	Weir	N/A	GOK	Under construction
Total for Kakamega County				528	11,890							
Bungoma County												
1	Kibisi/Ndivisi I&D	Bungoma East	Nzoia	5	600	Surface	HT	R.Kibisi	Weir	2014	GOK	identified
2	Bokoli I&D	Bungoma East	Nzoia	50	2,500	Su drainage	HT/M	River Bokoli	Weir and drain	2013	GOK	identified
3	Matisi I&D	Bungoma East	Nzoia	20	500	Su drainage	HT/M	River Kuywa	Weir and drain	2017	GOK	Feasibility studies done
4	Lukusi	Bungoma East	Nzoia	10	1,000	Surface	HT/M	R.Nzoia	Pump	2038	GOK	identified
5	Isolated I&D	Bungoma East	Nzoia	4	200	Su drainage	HT/M	Isolated	Weir, pump	2040	GOK	Not identified
6	Kuywa	Bungoma Central	Nzoia	20	100	Su-Hose	HT	R.Kuywa	Diversion canal	2007/08	GoK	It is yet to be completed
7	Lukhome	Bungoma Central	Nzoia	0	100	Sp	HT	R.Kuywa	Weir		GoK	It is yet to be completed
8	Mukuyuni	Bungoma Central	Nzoia	0	100	Sp	HT	R.Kuywa	Weir			It is just proposed
9	Sango	Bungoma Central	Nzoia	0	50	Sp	HT	R.Kuywa	Weir			It is just proposed
10	Kimalewa	Bungoma Central	Nzoia	0	200	Sp	HT	R.Kuywa	Weir			It has been identified
11	Chebukaka	Bungoma Central	Nzoia	0	100	Sp	HT	R.Kuywa	Weir			It has been identified
12	Teremi	Bungoma Central	Nzoia	0	100	Sp	HT	R.Kuywa	Weir			It has been identified
13	Sichei I&D	Bungoma Central	Nzoia	0	400	Sp	HT	R.Kuywa	Weir			It has been identified
14	Baraki	Bungoma Central	Nzoia	0	150	Sp	HT	R.Kuywa	Weir			Identified
15	Sitabicha	Bungoma West	Malakisi	0	100	Sur-Hose	HT	R.Malakisi	Weir	2011/12	GoK	In completion phase
16	Ndakaru	Bungoma West	Malakisi	0	50	Sur-Hose	HT	R.Malakisi	Weir			Proposed for funding
17	Mabusi	Bungoma North	Nzoia	0	330	Sp	M/HT	Nzoia River	Weir			Proposed
18	Nzoia	Bungoma North	Nzoia	0	3,000	Sp	M/HT	Nzoia River	Weir			Proposed
19	Naitiri	Bungoma North	Nzoia	0	330	Sp	M/HT	Kiminini River	Weir			Farmers mobilized
20	Ndalu Youth	Bungoma North	Nzoia	0	500	Sp	M/HT	Nzoia River	Weir			Proposed
21	Bunambo	Bungoma North	Nzoia	0	1,000	Sp	M/HT	Kiminini River	Weir			Proposed
Total for Bungoma County				109	11,410							
Busia County												
1	Nandikinya	Bunyala	Nzoia	18	200	Surface	N/A	Nzoia River	Pump	2015	GOK	Under implementation
2	Siginga I&D	Bunyala	L.Victoria	20	1,000	Surface	N/A	Nzoia River	Pump	2016	GOK	Yet to be designed.
3	Lower Nzoia Phase I	Bunyala	Nzoia	800	4,000	Surface	N/A	Nzoia River	Pump	2016	GOK	Yet to be designed.
4	Lower Nzoia Phase 2	Bunyala	Nzoia	0	3,000	Surface		Nzoia River	Gravity		GOK/World Bank	Being designed
5	Sisenye	Bunyala	L.Victoria	0	1,000	Surface	R	L. Victoria	Pump			Detailed Design
6	Rwambwa/Mudembi	Bunyala	Nzoia	20	100	Surface		Nzoia River	Pump	2013	NIB	Being implemented
7	Migingo	Bunyala	Yala	800	2,500	Surface	N/A	Nzoia River	Pump	2024		Yet to be designed.
8	Siekunya	Nambale	Sio	60	120	Surface	V/R	Nambale Stream	Weir			Need funds for FS & DD
9	Kanjoro I&D	Nambale	Sio	10	200	Surface	V/R	Kanjoro Stream	Weir			Need funds for FS & DD
10	Tanga Kona I&D	Nambale	Sio	0	100	Surface	HT, V/R	R. Namaderema	Weir		GOK	Under implementation
11	Maira/Mukemo	Nambale	Sio	45	100	Surface	HT, V/R	Lerekwe Stream	Weir			Preliminary Design

Table 8.2 List of Existing and Proposed Small Scale Irrigation Schemes in Western Province in 2012 (4/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
12	Nasewa I&D	Nambale	Sio	0	1,000	Surface	V/R	R. Namaderema	Weir		GOK	Under implementation
13	Namaderema/Bulwama	Nambale	Sio	0	530	Surface	V/R	Nasewa Stream	Weir			Need funds for FS & DD
14	Mayenje	Busia	Sio	30	250	Surface	V/R	Mayenje Stream	Weir			Need funds for FS & DD
15	Budokomi	Busia	Sio	0	200	Surface	V/R	Mabale stream	Weir	2012	GOK	Complete
16	Nasira	Busia	Sio	0	100	Surface	V/R	Mayenje Stream	Weir			Need funds for FS & DD
17	Esikulu I&D	Busia	Sio	30	100	Surface	HT, V/R	R. Namwitsula	Weir			Preliminary Design
18	Mabale	Busia	Sio	20	20	Surface	HT, V/R	Sio River	Weir		GOK	Under implementation
19	Singi (Namalenga dam)	Busia	Sio	25	50	Surface	V/R	Nasewa stream	Weir			Need funds for FS & DD
20	Busina/Mundika	Busia	Sio	0	1,580	Surface	HT, V/R	Sio River	Weir		GOK	Under implementation
21	Luigebu/Nasimu irrigation	Busia	Sio	0	940	Surface	HT, V/R	R. Namwitsula	Weir			Preliminary Design
22	Neela	Butula	Sio	30	80	Surface	HT, R	Neela Stream	Weir			Under implementation
23	Namusala	Butula	Sio	10	120	Surface	HT, R	Lerekwe Stream	Weir			Need funds for FS & DD
24	Ibanda/Mundasi I&D	Butula	Sio	0	200	Surface	HT, R	Liyala Stream	Weir			Need funds for FS & DD
25	Irana I&D	Butula	Sio	0	80	Surface	HT, R	Liyala stream	Weir			Need funds for FS & DD
26	Namaderema/Bulwama	Butula	Sio	0	1,170	Surface	HT, R	Liyala stream	Weir			Need funds for FS & DD
27	Kolait/Kongololo	Teso North	Malaba	0	1,200	Surface	HT	Malaba river	Weir		GoK	identified
28	Amagoro Amoni	Teso North	Malaba	5	400	Surface	Rice	Malakisi river	Weir		GoK	identified
29	Kajei/ Apokor	Teso North	Malaba	3	200	Surface	HT	Akonget hills	Dam		GOK	identified
30	Kokare/Komolo I&D	Teso North	Malaba	20	1,700	Surface	Rice	Kokare river	Dam		GOK	Designed
31	Kengatuny	Teso North	Malaba	0	60	Surface	HT	Kengatuny dam	Dam		GOK	identified
32	Kolanya	Teso North	Malaba	0	80	Drip	HT	Kolanya dams	Dam		GOK	Designed
33	Changara	Teso North	Malaba	0	70	Drip	HT	Changara dam	Dam		GOK	identified
34	Kamunyangole	Teso North	Malaba	0	60	Drip	HT	Kamunyongole dam	Dam		GOK	identified
35	Aboloi D	Teso North	Malaba	5	50	Drug pipe	HT	Aboloi dam	Dam		GOK	identified
36	Kodedema	Teso North	Malaba	10	85	Surface	HT	springs	Pond		GOK	identified
37	Moding	Teso North	Malaba	10	60	Surface	HT	springs	pond		GOK	identified
38	Akibui	Teso North	Malaba	0	150	Drip	HT	Akibui dam	Dam		GOK	identified
39	Akatagoroit	Teso South	Malaba	2	60	Drip	HT	Akatagoroit river	Weir	2013	GOK	Going to implement
40	Akiriamasi I&D	Teso South	Malaba	0	817	Drip	HT	Amerikwai stream	Weir		GOK	identified
41	Amerikwai I&D	Teso South	Malaba	5	50	Surface	HT	Springs	drains		GOK	identified
42	Kwangmor	Teso South	Sio	30	500	Surface	HT	Apatit river	Weir		GOK	identified
43	Obekai	Teso South	Malaba	4	50	Surface	Rice	springs	Dam	2006	GOK	stalled due to lack of funds
44	Kamunuoit	Teso South	Malaba	3	100	Surface	HT	springs	Dam		GOK	identified
45	Machakusi	Teso South	Malaba	15	400	surface	Rice	springs	pond		GOK	identified
46	Chakol	Teso South	Malaba	10	250	surface	HT	Kaliwa stream	Weir		GOK	identified
47	Asinge	Teso South	Malaba	10	130	surface	HT	Okame stream	Weir		GOK	identified
48	Okame	Teso South	Malaba	5	80	Surface	Rice	Springs	drains	2008	GOK	stalled due to lack of funds
49	Kaliwa	Teso South	Malaba	5	120	Sprinkler	HT	Kamosing stream	Weir	2011	GOK	Need storage dam
50	Angorom	Teso South	Malaba	20	200	Surface	HT	Kamunuoit dam	Dam		GOK	Need new design, weak WUA
51	Akapjan	Teso South	Malaba	35	400	Surface	Rice	Malaba river	Weir		GOK	identified
52	Amase	Teso South	Malaba	10	170	Surface	Rice	Chakol river	Weir		GOK	identified

Table 8.2 List of Existing and Proposed Small Scale Irrigation Schemes in Western Province in 2012 (5/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
53	Apatit	Teso South	Sio	5	90	Surface	Rice	Asinge river	Weir		GOK	identified
54	Among'ura	Teso South	Sio	10	100	Surface	Rice		Weir			identified
55	Businda I&D	Samia	Sio	5	210	Surface	M/HT	R.Sio	Weir/Pump	Not yet	GOK	Proposed
56	Sifuyo I&D	Samia	Sio	5	100	Sp	M/HT	R.Sio	Weir/Pump	Not yet	GOK	Proposed
57	Bukukuni I&D	Samia	Sio	0	70	Sp	M/HT	R.Sio	Weir/Pump	Not yet	GOK	Proposed
58	Ululo I&D	Samia	Sio	20	150	Sp	M/HT	R.Sio	Weir/Pump	Not yet	GOK	Proposed
59	Namasali I&D	Samia	Sio	0	400	Sp	M/HT	L.Victoria/R.Sio	Pumpfed	Not yet	GOK	Identified
60	I.S.H Funyula	Samia	Sio	0	30	Sp	M/HT	/akhungu/Munana Strea	Pumpfed	Not yet	GOK	Identified
61	Sidodho	Samia	Sio	0	30	Sp	M/HT	Sidoho dam	Pumpfed	2014	GOK	Identified
62	Ludacho I&D	Samia	Sio	30	100	Surface	M/HT	Ludacho Stream	Pumpfed	Not yet	GOK	Socia economic survey done
63	Mulwanda I&D	Samia	Sio	2	100	Sp	M/HT	R.Sio	Weir+Pump	Not yet	GOK	Proposed
64	Rumbiye	Samia	Sio	0	15	Sp	M/HT	Bukiri Dam	Pumpfed	Not yet	GOK	Proposed
65	Odiado	Samia	Sio	0	10	Sp	M/HT	Wakhungu Stream	Weir+Pump	Not yet	GOK	Proposed
66	Mbosi Chedala	Samia	Sio	0	30	Surface	M/HT	R.Sio	Weir/Pump	Not yet	GOK	Proposed
67	Budwongi Tomatoes	Samia	Sio	0	60	Sp	M/HT	R.Sio	Pumpfed	Not yet	GOK	Identified
68	Buyukha& Busijo	Samia	Sio	0	30	Sp	M/HT	L.Victoria	Pumpfed	Not yet	GOK	Proposed
69	Bumbe	Samia	Sio	0	20	Sp	M/HT	L.Victoria	Pumpfed	Not yet	GOK	Proposed
70	Ganga	Samia	Sio	0	10	Sp	M/HT		Ganga Dam	Not yet	GOK	Proposed
71	Serekeresi I&D	Samia	Sio	10	100	Surface	M/HT	Munana Stream	Pump/Gravity	Not yet	GOK	Proposed
72	Munana	Samia	Sio	3	100	Sp	M/HT	Munana Dam/Stream	Weir/Pump	Not yet	GOK	Proposed
73	Samia Fruits	Samia	L.Victoria	2	50	Sp	M/HT	L.Victoria	Pumpfed	2009	GOK	Under Implementation
74	Rumbiye	Samia	Nzoia	0	15	Sp	M/HT		Bukiri Dam	Not yet	GOK	Proposed
75	Odiado/Wakhungu	Samia	Sio	1	20	Surface	M/HT	Wakhungu Stream	Pump	Not yet	GOK	Proposed
76	Budwong'i Tomatoes Deale	Samia		0	30	Sp	HT/V	Sio R	Pump	Not yet	GOK	Proposed
77	Buyukha	Samia	L.Victoria	0	30	Sp	HT/V	L.Victoria	Pump	Not yet	GOK	Proposed
78	Bumbe	Samia	L.Victoria	0	20	Sp	HT/V	L.Victoria	Pump	Not yet	GOK	Proposed
79	Ganga Dam	Samia	Nzoia	0	10	Sp	HT/V	Ganga Dam	Pump	Not yet	GOK	Proposed
80	Namboboto Dam	Samia	Sio	0	20	Sp	HT/V	Namboboto Dam	Pump	Not yet	GOK	Proposed
81	Madabi Dam	Samia	Sio	0	10	Sp	HT/V	Matabi Dam	Pump	Not yet	GOK	Proposed
82	Nanundu /Manya	Samia	Sio	3	1,108	Sp	HT/V	Munana Dam/Stream	Weir+Pump	2012	GOK/WorldBank	Under Implementation
83	Busembe	Samia	L.Victoria	1	1,300	Sp	HT/V	L.Victoria	Pump	Not yet	GOK	Proposed
84	Busijo	Samia	L.Victoria	0	60	Sp	HT/V	L.Victoria	Pump	Not yet	GOK	Proposed
85	Muduru	Samia	Sio	0	10	Sp	HT/V	Water Pan	Pump	Not yet	GOK	Proposed
86	Bukiri	Samia	Nzoia	5	50	Surface	HT/V	Bukiri Dam	Gravity	Not yet	GOK	Proposed
87	Lugala	Samia	Sio	5	80	Surface	HT/V	R.Sio	Gravity	Not yet	GOK	Proposed
88	Muramba	Samia	Sio	10	250	Surface	HT/V	R.Sio	Gravity	Not yet	GOK	Proposed
Total for Busia County				2,243	31,000							
Vihiga County												
1	Liamagale	Vihiga	Yala	0	50							
2	Wamage I&D	Vihiga	Yala	0	50	Surface	HT	Spring+Stream	Weir	2014	GoK	P
3	Enzaro	Vihiga	Yala	0	85	Surface	HT	Spring+Stream	Weir	2013	GoK	P

Table 8.2 List of Existing and Proposed Small Scale Irrigation Schemes in Western Province in 2012 (6/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
4	Lunyerere	Vihiga	Yala	0	30	Surface	HT	Spring+Stream	Weir			
5	Wamuluma	Vihiga	Yala	0	40	Surface	HT	Springs+Darinage	Weir	2015	GoK	P
6	Maragoli Hills	Vihiga	Yala	0	60	Surface	HT	Spring+Stream	Weir	2013	GoK	Impl
7	Ebwiranyi	Emuhaya	Yala	0	300	Drug hose	HT	Ebwiranyi River	Weir / pump	2013	GOK	Impl
8	Mulwanda	Emuhaya	Yala	0	50	Drug hose	HT	Ebwiranyi River	Weir / pump	2013		DD
9	Esirulo	Emuhaya	Yala	0	600	Drug hose	HT	Mulwanda River	Weir	2014		P
10	Emusutwe	Emuhaya	Yala	2	260	Drug hose	HT	Lunyerere River	Weir	2015		P
11	Ebulonga	Emuhaya	Yala	0	15	Drug hose	HT	Lunyerere River	Weir	2016		S
12	Waluka	Emuhaya	Yala	2	200	Drug hose	HT	Ebulonga River	Weir / pump	2017		P
13	Mwilongo	Emuhaya	Yala	0	30	Drug hose	HT	Esianda River	Weir	2018		P
14	Esianda	Emuhaya	Yala	0	13	Drug hose	HT	Stream	Pond	2019		P
15	Es'saba	Emuhaya	Yala	0	150	Sp	HT	R. Essaba	Pump	2027		P
16	Shaviringa/Shamakhokho	Hamisi	Yala	1	100	Surface-Pipe	HT	Garagoli River	Gravity	2014	GOK	Detailed investigation
17	Kaimosi	Hamisi	Yala	0	120	Surface-Pipe	HT	Kaimosi dam	Pond	2017	GOK	Identification
18	Senende I&D	Hamisi	Yala	0	80	Surface	HT	Senende stream	Weir	2020	GOK	Identification
19	Mang'ongo	Hamisi	Yala	0	50	Surface-Pipe	HT	Mang'ong'o springs	Weir	2050	GOK	Identification
20	Shamalako	Hamisi	Yala	0	40	Surface	HT	Shamalako stream	Weir	2023	GOK	Identification
21	Sosiani I&D	Hamisi	Yala	5	50	Surface	HT	Sosiani Spring/Nyar R	Weir	2027	GOK	Identification
22	Ivora	Hamisi	Yala	0	70	Surface-Pipe	HT	Ivora River	Weir	2030	GOK	Identification
23	Gambo	Hamisi	Yala	0	30	Si/ Drug Pipe	HT	Gambo stream	Pump	2040	GOK	Identification
24	Chebluk	Hamisi	Yala	1	50	Surface	HT	Stream	Weir	2053	GOK	Identification
25	Cheptulu I&D	Hamisi	Yala	2	60	Surface-Pipe	HT	Stream	Weir	2037	GOK	Identification
26	Gisambai	Hamisi	Yala	0	50	Surface-Pipe	HT	Gisambai dam	Weir	2047	GOK	Identification
27	Erusui I&D	Hamisi	Yala	0	50	Surface	HT	Stream	Weir	2043	GOK	Identification
28	Givole	Hamisi	Yala	0	60	Surface-Pipe	HT	Stream	Pump	2033	GOK	Identification
29	Gaga D	Hamisi	Yala	3	80	Surface-Pipe	HT	Garagoli River	pump	2017	GOK	Identification
30	Serem D	Hamisi	Yala	2	60	Surface	HT	Kapsoywa River	Weir	2057	GOK	Identification
31	Muyeswa/Emusasa	Hamisi	Yala	0	50							
Total for Vihiga County				18	2,933							
Grand Total for Coast Province				2,898	57,233							

Source: Data from PIO and DIO in Western Province

Remarks:

Intake Facility: W = Diversion weir, WH = Water Harvesting

Irrigation: B = Bucket, Dp = Drip, P = Pipe, Sp = Sprinkler, Surface = Surface Irrigation

Crop: B = Beans, F = Fruit, HT = Horticulture, M = Maize, R = Rice, V = Vegetables, W = Water melon,

Budget: D = International Donor, F = Farmer, GOK = Government of Kenya

Status: DD = Detailed design, Fi = Financing, FS = Feasibility study, I = Investigation, P = Planning, S = Survery

Table 8.3 List of Existing and Proposed Small Scale Irrigation Schemes in Nyanza Province in 2012 (1/8)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Kisumu County												
1	Chiga	Kisumu East/North	HB	20	180	Surface	R/HT	Lielango River	Weir		GOK/FAO	Newly designed
2	Rota Nam	Kisumu East/North	HC	2	55	Surface	HT	Kisian River	Weir		GOK	Need funds for FS. DD & const
3	Nyamthoe	Kisumu East/North	HB	2	223	Surface	HT	Nyamasaria River	Weir		GOK	Need funds for FS. DD & const
4	Ranjira	Kisumu East/North	HA	6	90	Surface	HT	Ombeyi River	Weir		GOK	Need funds for FS. DD & const
5	Kindu	Kisumu East/North	HC	5	90	Surface	HT/Sg	Awach River	Weir		GOK	Need funds for FS. DD & const
6	Sinyolo Togo	Kisumu West	HC	8	140	Surface	HT	Kobonyo K. River	Pump		GOK	Design report ready
7	Alungo	Kisumu West	HC	3	200	Surface	HT	Luanda River	Pump		GOK	Identified
8	Konam	Kisumu West	HC	2	150	Surface	HT	Awach River	Pump		GOK	Identified
9	Kirindo (Phase 2)	Kisumu West	HC	3	200	Surface	HT	Awach River	Pump		GOK	Design report ready
10	Ang'oga	Kisumu West	HC	2	100	Surface	HT	Awach River	Pump		GOK	Identified
11	Odawa	Kisumu West	HC	2	100	Surface	HT	Seasonal Stream	Pump		GOK	Identified
12	Manyuanda	Kisumu West	HC	2	155	Surface	HT	Lake Victoria	Pump		GOK	Identified
13	Osiri	Muhoroni	HA	5	63	Surface	R	Nyando River	Weir		MWI	identified
14	Kore	Muhoroni	HA	25	200	Surface	R	Ombeyi River	Weir		MWI	identified
15	Alungo B	Muhoroni	HA	10	70	Surface	R	Ombeyi River	Weir		MWI	identified
16	Sanda	Muhoroni	HA	3	32	Surface	R	Ombeyi River	Weir		MWI	identified
17	Kasiru Kolal	Muhoroni	HA	12	100	Surface	R	Ombeyi River	Weir		MWI	identified
18	Odhong	Muhoroni	HA	5	61	Surface	R	Nyangeta River	Weir		MWI	identified
19	Asunda	Muhoroni	HA	5	35	Surface	R	Ombeyi River	Weir		MWI	identified
20	Alungo A	Muhoroni	HA	15	40	Surface	R	Ombeyi River	Weir		MWI	identified
21	Abwao	Muhoroni	HA	5	45	Surface	R	Ombeyi River	Weir		MWI	identified
22	Malele	Muhoroni	HA	4	31	Surface	R	Ombeyi River	Weir		MWI	identified
23	Siany	Muhoroni	HA	2	21	Surface	R	Riwo River	Weir		MWI	identified
24	Mireri Nyajongo	Nyando	GD3	2	49	Surface	R	Awach River	Weir		MWI	Identified
25	Nyabondo	Nyando	GD3	1	27	Surface	R	Nyando River	Weir		MWI	Identified
26	Masune	Nyando	GD3	10	250	Surface	R	Nyando River	Weir		MWI	Identified
27	Kooro-Burlo	Nyando	GD3	1	7	Surface	R	Awach River	Weir		MWI	Identified
28	Awach Rice	Nyando	GD3	30	200	Surface	R	Awach River	Weir		MWI	Identified
29	Siany	Nyando	GD3	6	21	Surface	R	Riwo River	Weir		MWI	Identified
30	Jimo	Nyakach	GD3	3	144	Surface	HT	Lake Victoria	Weir		MWI	Identified
31	Nyakwere	Nyakach	JG2	2	25	Surface	C/BL	Sondu Miriu River	Weir		MWI	Identified
32	Gul	Nyakach	JG2	2	72	Surface	HT	Sondu Miriu River	Weir		MWI	Identified
33	Kanyimkia	Nyakach	JG2	5	210	Surface	HT	Sondu Miriu River	Weir		MWI	Identified
34	Omwaga	Nyakach	JG2	4	108	Surface	R/HT	Lake. Victoria	Weir		MWI	Identified
35	Bwaja	Nyakach	JG2	3	90	Surface	R/HT	Lake. Victoria	Weir		MWI	Identified
36	Kokal Lesni	Nyakach	JG2	2	35	Surface	HT	Kokal Spring	Weir		MWI	Identified
37	Majengo	Nyakach	JG2	6	270	Surface	HT	Lake. Victoria	Weir		MWI	Identified
38	Kambero	Nyakach	JG2	8	180	Surface	HT	Lake. Victoria	Weir		MWI	Identified
39	Miruka	Nyakach	GD3	25	119	Surface	R	Awach River	Weir		MWI	Identified
40	Wasare	Nyakach	GF	14	164	Surface	HT/C	Asao River	Weir		MWI	Identified

Table 8.3 List of Existing and Proposed Small Scale Irrigation Schemes in Nyanza Province in 2012 (2/8)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
41	Wasare Nam	Nyakach	GF	25	700	Surface	R	Lake. Victoria	Weir		MWI	Identified
42	Achego	Nyakach	GD3	5	30	Surface	HT	Awach River	Weir		MWI	Identified
43	Ahol Sango Rota	Nyakach	JG2	5	35	Surface	HT	Ahol River	Weir		MWI	Identified
44	Obono	Nyakach	JG2	3	50	Surface	HT	Riwo River	Weir		MWI	Identified
Total for Kisumu County				310	5,167							
Migori County												
1	Nyabikondo	Kuria East	KC1	1	6	Surface	Hort.	Groundwater	Pond	2012	G.O.K	
2	Rwankwe	Kuria East	KC1	2	150	Drainage	HT/Cereals	Drainage	Drainage		G.O.K	
3	Nyanchabo	Kuria West	KC2	1	10	Surface	HT	Nyanchabo Stream	Pan+Pump	2012	GOK/IFAD	
4	Karamu Irrigation	Kuria West	KC2	4	13	Surface	HT	Karamu River	Pond+Pump	2012	G.O.K	Funding in FY 2011/2012
5	Moheto	Kuria West	KC2	1	150	Drainage	HT	Water Harvest	Pump	2013	GOK	
6	Hibwa	Kuria West	KC2	1	10	Surface	HT	Hibwa River	Pump			No funding
7	Umoja Millennium	Nyatike	KB5	4	24	Surface	HT	Lake Victoria	Pump	2011/2012	IFAD	DD complete
8	Riarubere	Nyatike	KB5	1	20	Surface	HT	Lake Victoria	Pump		GOK	DD complete
9	Tito Valley	Nyatike	KB5	2	100	Surface	HT	Lake Victoria	Pump		GOK	Project proposal available
10	Tagache	Nyatike	KB5	3	200	Surface	HT/R	Lake Victoria	Pump		GOK	Highly rated by local Comm
11	Ng'ira	Nyatike	KB5	4	50	Surface	HT	Lake Victoria	Pump	2011/2012	IFAD	
12	Lichota	Migori	KB5	3	2,000	Surface	HT/R	Migori River	Pan+Pump		lbda	
13	Rabuor dala	Migori	KB5	4	30	Sp	HT	Rabuor River	Pump		GOK	
14	Kameji	Rongo	KB3	2	50	Surface	V	River Riana	Pump		MWI	Identified
15	Ngothe	Rongo	KB3	2	20	Drip	V	River Riana	pump		MWI	Identified
16	Nyasore	Rongo	KB3	3	150	Surface	V	Spring	Pond		MWI	Identified
17	Menyen ya	Rongo	KB3	3	96	Drip	V	Spring	Pond		MWI	Identified
18	Kandiango	Rongo	KB3	2	56	Drip	V	Spring	Pond		MWI	Identified
19	Kuna	Rongo	KB3	1	64	Drip	V	Spring	Pond		MWI	Identified
20	Rabuor	Rongo	KB3	5	400	Surface	V	Awendo River	Weir		MWI	Identified
21	Misadhi	Rongo	KB3	4	200	Surface	V	Awendo River	Weir		MWI	Identified
22	Seve	Rongo	KB3	6	400	Surface	V	Awendo River	Weir		MWI	Identified
23	Nyatindo	Rongo	KB3	2	120	Surface	V	Spring	Pond		MWI	Identified
24	Angogo	Rongo	KB3	8	400	Surface	V	Spring	Pond		MWI	Identified
25	Nyatiang	Rongo	KB3	3	50	Surface	V	Spring	Pump		MWI	Identified
26	Kodero Obara	Rongo	KB3	2	500	Surface	HT	Nyarango River	Weir		MWI	Identified
27	Minyenya	Rongo	KB3	6	200	Surface	HT	Kibos River	Pond		MWI	Identified
28	Nyaoke	Rongo	KB3	9	500	Drip	HT	Spring	pond		MWI	Identified
29	Nyaburu	Rongo	KB3	3	100	Surface	V	Spring	Pond		MWI	Identified
30	Kanyimach	Rongo	KB3	4	50	Surface	V	Spring	Pump		MWI	Identified
31	Ofwanga	Rongo	KB3	2	70	Surface	V	Spring	Pump		MWI	Identified
32	Nyamaura	Rongo	KB3	3	45	Surface	V	Groundwater	Pump		MWI	Identified
33	Saberi	Rongo	KB3	2	25	Surface	V	Groundwater	Pump		MWI	Identified
34	Kuna	Rongo	KB3	10	450	Surface	V	Awach River	Weir		MWI	Identified
35	Alara	Rongo	KB3	10	150	Surface	R	Nyarango River	Pump		MWI	Identified

Table 8.3 List of Existing and Proposed Small Scale Irrigation Schemes in Nyanza Province in 2012 (3/8)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
36	Mwangaza	uriri	KB4	20	155	Surface	HT	Kuja River	Weir		MWI	Identified
37	Oria	uriri	KB4	25	1,000	Surface	Rice	Kuja River	Weir		MWI	Feasibility
38	Marungu-Kokelo	uriri	KB4	8	500	Surface	HT	Kuja River	Weir		MWI	Identified
39	Olembe	uriri	KB4	4	300	Surface	HT	Awendo River	Weir		MWI	Identified
40	Ongito Valley	uriri	KB4	9	1,000	Surface	HT	Kuja River	Weir		MWI	Identified
41	Kuja Oyani	uriri	KB4	14	1,500	Surface	HT	Oyani River	Weir		MWI	Identified
42	Kawuor	uriri	KB4	2	40	Surface	HT	Oyani River	Pump		MWI	Identified
43	Kamwer	uriri	KB4	5	84	Surface	HT	Nyasore River	Weir		MWI	Identified
44	Kassam	uriri	KB4	2	23	Drip	HT	Nyasore River	Pump		MWI	Identified
45	Andingo	uriri	KB4	2	12	Sp	HT	Nyasore River	Pump		MWI	Identified
46	Oyani	uriri	KB4	2	24	Sp	HT	Awendo River	Pump		MWI	Identified
47	Kegedho	uriri	KB4	15	600	Surface	M/Fm	Spring	Pump		MWI	Identified
48	Osogo	uriri	KB4	10	250	Surface	M/Fm	Nyasore River	Pump		MWI	Identified
49	Mukuyu	uriri	KB4	10	200	Surface	Kl/Tm/On	Migori River	Pond		MWI	Identified
50	Suka Rombe	uriri	KB4	15	200	Surface	Kales	Spring	Pond		MWI	Identified
51	Korondo	uriri	KB4	9	250	Surface	Kales	Spring	Pond		MWI	Identified
52	Achuth	uriri	KB4	8	400	Surface	Kales	Migori River	Weir		MWI	Identified
53	Change	uriri	KB4	12	500	Surface	Kales	Migori river	Weir		MWI	Identified
54	Olasi	uriri	KB4	17	500	Surface	Kales	Swamp	Pond		MWI	Identified
55	Thimlich	uriri	KB4	20	300	Surface	Kales	Migori River	Weir		MWI	Identified
56	Nyakune	uriri	KB4	10	400	Surface	Kales	Migori River	Weir		MWI	Identified
57	Ayego	uriri	KB4	5	200	Surface	Kales	Migori River	Weir		MWI	Identified
58	Sibuoche	uriri	KB4	20	350	Surface	M/Fm	Kira River	Weir		MWI	Identified
59	Mori	uriri	KB4	5	50	Surface	Tm/M/Cs	Oyani Rver	Weir		MWI	Identified
60	Pith Nyabondo	uriri	KB4	15	380	Surface	R	Spring	Pump		MWI	Identified
61	Bad Nyarago	uriri	KB4	9	150	Surface	R/Sh	Spring	Pond		MWI	Identified
62	Piny Owacho	uriri	KB4	6	80	Drip	R	Spring	Pond		MWI	Identified
63	Kitweru	uriri	KB4	8	300	Drip	HT	Misadhi River	Pump		MWI	Identified
64	Arambe	uriri	KB4	9	500	Surface	R	Spring	Pond		MWI	Identified
65	Ombo	uriri	KB4	23	200	Surface	R	Spring	Pond		MWI	Identified
66	Riat	uriri	KB4	12	160	Surface	Sg	Kuja River	Weir		MWI	Identified
67	Gogo	uriri	KB4	7	180	Drip	HT	Spring	Pump		MWI	Identified
68	Manyatta	Awendo	KB4	4	40	Drip	H	Spring	Pond		MWI	Identified
69	Akoko	Awendo	KB4	15	300	Surface	H	Awendo River	Weir		MWI	Identified
70	Rayuer	Awendo	KB4	6	100	Surface	H	Awendo River	Weir		MWI	Identified
71	Ominde	Awendo	KB4	7	300	Surface	H	Awendo River	Weir		MWI	Identified
72	Pe hill	Awendo	KB4	9	320	Surface	H	Luanda River	Weir		MWI	Identified
73	Oro Oling Kombe	Awendo	KB4	2	20	Drip	H	Sondu Miriu River	Pump		MWI	Identified
74	Kanga	Awendo	KB4	6	350	Surface	H	Sondu Miriu River	Weir		MWI	Identified
75	Komolo Rume	Awendo	KB4	15	400	Surface	H	Seasonal Stream	Weir		MWI	Identified
76	Rinya	Awendo	KB4	4	45	Surface	H	Spring	Pond		MWI	Identified

Table 8.3 List of Existing and Proposed Small Scale Irrigation Schemes in Nyanza Province in 2012 (4/8)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
77	Olando	Awendo	KB4	20	400	Surface	H	Spring	Pond		MWI	Identified
78	Mulo (3)	Awendo	KB4	15	400	Surface	H/C	Sare River	Weir		MWI	Identified
79	Mahena (2)	Awendo	KB4	25	500	Surface	H/C	Sare River	Weir		MWI	Identified
80	Luoro	Awendo	KB4	12	250	Surface	Rice	Spring	Pond		MWI	Identified
81	Nyokal kuja	Awendo	KB4	12	200	Surface	V	Nyamasare River	Weir		MWI	Identified
82	Waware	Awendo	KB4	6	100	Surface	V	Sare River	Weir		MWI	Identified
83	Nyakuru (1)	Awendo	KB4	20	800	Surface	H	Oyani River	Weir		MWI	Identified
84	Ulanda	Awendo	KB4	2	20	Sp	H	Stream	Weir		MWI	Identified
Total for Migori County				641	22,192							
Nyamira County												
1	Charachani	Nyamira	JF2	8	160	Sp/Dripp	H	Charachani River	Pump	Planned	GOK	FS soon. No water permit
2	Nyabomite-Nyamage	Nyamira	JF2	9	237	Drip	H	Nyabomite River	Pump	Planned	GOK	FS soon. No water permit
3	District Drip Irri-1	Nyamira	JF2	1	10	Drip	H	Spring	Pump	Planned	GOK	FS soon. No water permit
4	District Drip Irri-2	Nyamira	JF2	1	10	Drip	H	River/Stream	Pump	Planned	GOK	FS soon. No water permit
5	District Drip Irri-3	Nyamira	JF2	1	4	Drip	H	River/Stream	Pump	Planned	GOK	FS soon. No water permit
6	Magwagwa	Nyamira North	JD	4	180	Sp	HT/V	Sondu Miriu River	Pump		GOK	Identified
7	District Drip Irri-4	Nyamira North	JD	1	3	Drip	HT/V	Groundwater	Pump		GOK	Identified
8	District Drip Irri-5	Nyamira North	JD	1	3	Drip	HT/V	Groundwater	Pump		GOK	Identified
9	District Drip Irri-6	Nyamira North	JD	1	3	Drip	HT/V	Groundwater	Pump		IFAD/ SNCDP	Identified
10	District Drip Irri-7	Nyamira North	JD	1	3	Drip	HT/V	Groundwater	Pump		IFAD/ SNCDP	Identified
11	District Drip Irri-8	Nyamira North	JD	1	3	Drip	HT/V	Groundwater	Pump		IFAD/ SNCDP	Identified
12	District Drip Irri-9	Nyamira North	JD	1	3	Drip	HT/V	Groundwater	Pump		IFAD/ SNCDP	Identified
13	District Drip Irri-10	Nyamira North	JD	1	10	Drip	HT/V	Groundwater	Pump		GOK	Identified
14	District Drip Irri-11	Nyamira North	JD	1	4	Drip	HT/V	Groundwater	Pump		GOK	Identified
15	Ekerubo-Kahawa	Borabu:Kijauri	JD	1	20	Sp	HT	River/WH	WH/Dam		GoK	Water harvesting
16	Ensinyo-Isoge-Kineni	Borabu:Kijauri	JD	3	200	Drainage	HT/M	Draiange	Pump		GoK	Drain excess water use
Total for Nyamira County				36	851							
Homabay County												
1	Oyurawaso	Mbita	HF	2	20	Surface	HT	Lake Victoria	WH+Pump	2011	GOK	Needs funds for imple
2	Nyalongo	Mbita	HF	2	22	Sp	HT	Lake Victoria	Pump	2011	GOK	Needs funds for imple
3	Yesu Nyalo	Suba	HF	2	25	Sp	HT	Lake Victoria	Pump	2011	GOK	DD completed
4	Roo	Suba	HF	2	24	Sp	HT	Lake Victoria	Pump	2011	IFAD	To be funded 2011
5	Kisenya	Suba	HF	2	30	Sp	HT	Lake Victoria	Pump	2012	IFAD	Proposed for IFAD funding
6	Nyalmera	Rachuonyo North	JG1	5	100	Surface	HT	Sondu Miriu River	Pump	2011/2012		survey & design to be done
7	Kobuya Cluster	Rachuonyo North	JG1	4	400	Surface	HT	Sondu Miriu River	Pump	2012		feasility study to be done
8	Awana	Rachuonyo North	JG1	3	30	Sp	HT	L.ake Victoria	Pump			identified
9	Ogera	Rachuonyo South	HD	4	400	Surface	HT	Awach River	Weir	2014	GOK	F/S
10	Wire	Rachuonyo South	HD	2	20	Sp	HT	Owade River	Weir	2013	GOK	D/D
11	Wangchieng	Rachuonyo South	HD	2	100	Surface	HT	Miriu River	Pump	2015	GOK	F/S
12	Ojwando	Rachuonyo South	HD	3	40	Sp	HT	Awach River	Weir	2015	GOK	F/S
13	Lower Kanyach	Homabay	HE	2	45	Sp	HT	Sw (lake victoria)	Pump		MWI	DD finished, underfunding

Table 8.3 List of Existing and Proposed Small Scale Irrigation Schemes in Nyanza Province in 2012 (5/8)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
14	Sota	Homabay	HE	1	30	Sp	HT	Lake Victoria	Pump		MWI	DD completed
15	Mijeri	Homabay	HE	5	65	Sp	HT	Lake Victoria	Pump		MWI	Need F/S
16	Ombogo	Homabay	HE	6	110	Surface	HT	Lake Victoria	Pump		MWI	Need F/S
17	Agudo	Homabay	HE	2	26	Sp		On-farm	Pan+Pump		MWI	Need F/S
18	Angalo	Homabay	HE	2	27	Sp	HT/C	Lake Victoria	Pump		MWI	Need F/S
19	Rangwena Upper	Homabay	HE	4	150	Surface	HT/C	Lake Victoria	Pump		MWI	Need F/S
20	Nduta Arujo	Homabay	HE	4	120	Surface	HT/C	Lake Victoria	Pump		MWI	Need F/S
21	Ngegu (2)	Homabay	HE	2	36	Sp	HT/C	Lake Victoria	Pump		MWI	Need F/S
22	Wanjawa	Ndhiwa	KB4	2	50	Sp	HT/C	Kuja River	Pump		MWI	Need survey
23	Soko Orot	Ndhiwa	KB4	3	135	Surface	HT/C	Kuja River	Pump		MWI	Need F/S
24	Riana Basin	Ndhiwa	KB4	10	500	Surface	HT/C	Kuja River	Pump		MWI	Need F/S
25	Kuja basin	Ndhiwa	KB4	2	100	Surface	HT/C	Kuja River	Pump		MWI	Need F/S
26	Andiwo	Ndhiwa	KB4	2	50	Sp	HT/C	Kuja River	Pump		MWI	Need F/S
27	Kawere Togo	Ndhiwa	KB4	2	100	Surface	HT/C	Kuja River	Pump		MWI	Need F/S
28	Ounga	Ndhiwa	KB4	5	200	Surface	HT/C	Kuja River	Pump		MWI	Need F/S
29	Obera	Ndhiwa	KB4	3	100	Surface	HT/C	Kuja River	Pump		MWI	Need F/S
30	Dier Aora	Ndhiwa	KB4	4	200	Surface	HT/C	Kuja River	Pump		MWI	Need F/S
31	Otange Plain	Ndhiwa	KB4	1	45	Sp	HT/C	Kuja River	Pump		MWI	Need F/S
32	Manyuru	Ndhiwa	KB4	2	70	Sp	HT/C	Kuja River	Pump		MWI	Need F/S
33	Ndira Kogaja	Ndhiwa	KB4	2	80	Sp	HT/C	Kuja River	Pump			
Total for Homabay County				99	3,450							
Kisii County												
1	Nyanturago A	Kisii Central	KA	3	110	Dp	HT/V	Riongeri Stream	Weir+Pump	New	MWI	Identified
2	Nyanturago B	Kisii Central	KA	9	250	Dp	HT/V	Nyanturago River	Weir+Pump	New	MWI	Identified
3	Nyanturago C	Kisii Central	KA	15	300	Dp	HT/V	Nyanturago River	Weir+Pump	New	MWI	Identified
4	Chirichiro Birongo	Kisii Central	KA	1	30	Dp	HT/V	Chirichiro River	Weir+Pump	New	MWI	Identified
5	Chirichori Bogeka	Kisii Central	KA	1	26	Dp	HT/V	Chirichiro River	Weir+Pump	New	MWI	Identified
6	Gesinga	Kisii Central	KA	1	15	Dp	HT/V	Chirichiro River	Weir+Pump	New	MWI	Identified
7	Masongo	Kisii Central	KA	1	20	Dp	HT/V	Masongo Stream	Weir+Pump	New	MWI	Identified
8	Nyaturubo	Kisii Central	KA	1	18	Dp	HT/V	Nyaturubo Stream	Weir+Pump	New	MWI	Identified
9	Nyakondiere	Kisii Central	KA	2	100	Dp	HT/C	Nyanturago River	Weir+Pump	New	MWI	Identified
10	Monuri	Kisii Central	KA	1	22	Dp	HT/V	Monuri Spring	Weir+Pump	New	MWI	Identified
11	Nyaguta	Kisii Central	KA	1	16	Dp	HT/V	Gucha River	Weir+Pump	New	MWI	Identified
12	Riondonga	Kisii Central	KA	1	15	Dp	HT/V	Nyaturubo Stream	Weir+Pump	New	MWI	Identified
13	Ikorora	Kisii Central	KA	1	20	Dp	HT/V	Ikorora Stream	Weir+Pump	New	MWI	Identified
14	Etora	Kisii Central	KA	2	110	Dp	HT/V/M	Etora River	Weir+Pump	New	MWI	Identified
15	Nyamaya Riokimara	Kisii Central	KA	1	12	Dp	HT/V/M	Nyamaya Spring	Weir+Pump	New	MWI	Identified
16	Riamagige	Kisii Central	KA	1	5	Dp	M/Wm	Drainage	Weir+Pump	New	MWI	Identified
17	Kerera	Kisii Central	KA	1	20	Dp	M/Wm	Kerera Spring	Weir+Pump	New	MWI	Identified
18	Irungu	Kisii Central	KA	1	25	Dp	HT/M	Irungu Spring	Weir+Pump	New	MWI	Identified
19	Risanta (Santa)	Kisii Central	KA	3	120	Dp	HT/M/V	Santa River	Weir+Pump	New	MWI	Identified

Table 8.3 List of Existing and Proposed Small Scale Irrigation Schemes in Nyanza Province in 2012 (6/8)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
20	Nyaboribonge	Kisii Central	KA	1	20	Dp	M/Wm	Nyaboribonge Spring	Weir+Pump	New	MWI	Identified
21	Boroko	Kisii South	KB3	1	23	Dp	V	Riana River	Pump	2013	NONE	
22	Gloricus	South Mugirango	KB2	1	26	Surface	HT	Mooma River	Pump		GOK	Identified
23	Sawadi	South Mugirango	KB2	1	12	Surface	HT	Spring	Pump		GOK	Identified
24	Bigege	South Mugirango	KB2	1	15	Surface	HT	Nyamasogo River	Pump		GOK	Identified
25	Muyuayi	South Mugirango	KB2	1	20	Surface	HT	Suguta River	Pump		GOK	Identified
26	Chisera	South Mugirango	KB2	1	10	Surface	HT	Gucha River	Pump		GOK	Identified
27	Riobara Keera	South Mugirango	KB2	1	50	Surface	HT	Kiango River	Pump		GOK	Identified
28	Rianyachabera	South Mugirango	KB2	1	30	Surface	HT	Riyabe River	Pump		GOK	Identified
29	Suguta Ritembu	South Mugirango	KB2	1	30	Surface	HT	Ritembo River	Pump		GOK	Identified
30	Bogeserebo	South Mugirango	KB2	1	56	Dranage	HT	Riyabe River			GOK	Identified
31	Maroo	South Mugirango	KB2	1	50	Dranage	HT	Spring	Pump		GOK	Identified
32	Getuki	South Mugirango	KB2	1	15	Dranage	HT	Spring	Pump		GOK	Identified
33	Esaka	South Mugirango	KB2	1	30	Surface	HT	Spring	Pump		gok	Identified
34	Seso Nerep	South Mugirango	KB2	1	20	Surface	HT	Spring	Pump		GOK	Identified
35	Jaribu	South Mugirango	KB2	1	15	Surface	HT	Spring	Pump		GOK	Identified
36	Kilimo	South Mugirango	KB2	1	30	Surface	HT	Spring	Pump		GOK	Identified
37	Risege	South Mugirango	KB2	1	20	Surface	HT	Spring	Pump		GOK	Identified
38	Nyamarambe	South Mugirango	KB2	1	15	Dranage	HT	Spring	Pump		GOK	Identified
39	Rumo	South Mugirango	KB2	1	25	Surface	HT	Spring	Pump		GOK	Identified
40	Maiga	South Mugirango	KB2	1	50	Dranage	HT	Spring	Pump		GOK	Identified
41	Motemwuamu	South Mugirango	KB2	3	200	Dranage	HT	Spring	Pump		GOK	Identified
42	Nyakondiere	South Mugirango	KB2	2	200	Dranage	HT	Spring	Pump		GOK	Identified
43	Itibo	South Mugirango	KB2	1	40	Dranage	HT	Spring	Pump		GOK	Identified
44	Rianyachuba	South Mugirango	KB2	2	100	Dranage	HT	Spring	Pump		GOK	Identified
45	Nyamatere	South Mugirango	KB2	1	40	Dranage	HT	Spring	Pump		GOK	Identified
46	Ekeewa	South Mugirango	KB2	1	10	Surface	HT	Spring	Pump		GOK	Identified
47	Mitembe	Marani	KB3	1	15	Surface	HT	Spring	Pump		MWI	Identified
48	Nyamokomba	Marani	KB4	1	10	Surface	HT	Spring	Pump		MWI	Identified
49	Nyaboigo	Marani	KB5	1	20	Surface	HT	Spring	Pump		MWI	Identified
50	Getombo	Marani	KB6	1	10	Surface	HT	Spring	Pump		MWI	Identified
51	Ensoko	Marani	KB7	1	10	Surface	HT	Spring	Pump		MWI	Identified
52	Omokonge	Marani	KB8	2	15	Surface	HT	Spring	Pump		MWI	Identified
Total for Kisii County				85	2,466							
Siaya County												
1	Masala	Rarieda	HC	10	100	Surface	HT	Lake Victoria	Pump		MWI	Identified
2	Aram	Rarieda	HC	5	40	Surface	HT	Lake Victoria	Pump		MWI	Identified
3	Likungu	Rarieda	HC	5	55	Surface	HT	Lake Victoria	Pump		MWI	Identified
4	Gangu	Siaya	ED	2	300	Surface	Ht/C	Kanyaboli River	Pump		DIDWS	Identified
5	Huludhi	Siaya	EB	3	100	Surface	Ht/C	Huludhi River	Pump		DIDWS	Identified
6	Kanyaboli	Siaya	EG	6	250	Surface	H/C	Kanyaboli River	Pump		DIDWS	Identified

Table 8.3 List of Existing and Proposed Small Scale Irrigation Schemes in Nyanza Province in 2012 (7/8)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
7	Hwiro	Siaya	EG	6	500	Surface	HT	Hwiro River	Pump		DIDWS	Identified
8	Kamalunga	Siaya	EE	8	45	Surface	HT	Nzoia River	Pump		DIDWS	Identified
9	Kadenge	Siaya	EG	20	450	Surface	HT/C	Kanyaboli River	Pump		DIDWS	Identified
10	Nyadhi B	Siaya	EB	5	350	Surface	HT/C	Mudurume River	Pump		DIDWS	Identified
11	Nyajuok	Siaya	FG	2	150	Surface	HT/C	Yala River	Pump		DIDWS	Identified
12	Nyadianga	Siaya	ED	2	45	Surface	HT	Dams	Pond		DIDWS	Identified
13	Alara	Siaya	EB	5	60	Surface	HT/C	River	Pump		DIDWS	Identified
14	Alwala Valley	Bondo	HC	20	100	Sp	HT/C	Lake Victoria	Pump	2011/12	GOK	Under survey and design
15	Warianda	Bondo	HC	10	100	Surface	HT/C	Lake Victoria	Pump		GOK	
16	Wagusu	Bondo	HC	20	140	Surface	HT/C	Lake Victoria	Pump		GOK	Identified
17	Waenga	Bondo	HC	2	55	Surface	HT/C	Lake Victoria	Pump		GOK	Identified
18	Ugambe	Bondo	HC	15	75	Surface	HT/C	Lake Victoria	Pump		GOK	Identified
19	Lwanda	Ugenya	DB	2	50	Surface	C	River/Stream	Weir		MWI	Identified
20	Mahawa	Ugenya	DB	2	200	Surface	HT/C	River/Stream	Weir		MWI	Identified
21	Kanyumba	Ugenya	DB	2	300	Surface	HT	River/Stream	Weir		MWI	Identified
22	Linao	Ugenya	DB	2	100	Surface	HT/C	River/Stream	Weir		MWI	Identified
23	Magona A	Ugenya	DB	3	100	Surface	R	River/Stream	Weir		MWI	Identified
24	Magona B	Ugenya	DB	2	100	Surface	HT/C	River/Stream	Weir		MWI	Identified
25	Kathieno C	Ugenya	DB	3	1,500	Surface	HT/C	River/Stream	Weir		MWI	Identified
26	Kathieno B	Ugenya	DB	2	2,000	Surface	HT/C	River/Stream	Weir		MWI	Identified
27	Kathieno A	Ugenya	DB	2	350	Surface	R	River/Stream	Weir		MWI	Identified
28	Usula	Ugenya	DB	2	240	Surface	R	River/Stream	Weir		MWI	Identified
29	Doho	Ugenya	DD	5	400	Surface	HT/C	River/Stream	Weir		MWI	Identified
30	Anyiko	Ugenya	DC	50	150							
31	Magoya A	Ugenya	DA	7	300	Surface	R/HT	River/Stream	Weir		MWI	Identified
32	Magoya B	Ugenya	DA	5	400	Surface	HT	River/Stream	Pump		MWI	Identified
33	Lisiwa	Ugenya	DA	10	200	Surface	R/HT	River/Stream	Weir		MWI	Identified
34	Likungu	Ugenya	DA	3	150	Surface	HT/C	River/Stream	Weir		MWI	Identified
35	Naya	Ugenya	DA	12	100	Surface	HT	River/Stream	Weir		MWI	Identified
36	Siga	Ugenya	DA	2	100	Surface	HT	River/Stream	Weir		MWI	Identified
37	Tingare	Ugenya	DA	12	200	Surface	HT	River/Stream	Pump		MWI	Identified
38	Hodari	Ugenya	DA	3	200	Surface	HT	River/Stream	Pump		MWI	Identified
39	Kanaam	Ugenya	DA	10	300	Surface	HT/C	River/Stream	Weir		MWI	Identified
40	Kanyadet	Gem	FE	6	100	Surface	HT	Yala River	Pump		MWI	Identified
41	Malunga	Gem	EA	6	100	Surface	HT	Huludhi River	Pump		MWI	Identified
42	Asayi	Gem	EB	4	150	Surface	HT	Asayi River	Pump		MWI	Identified
43	Dhawa	Gem	FD	5	100	Surface	C	Edzao River	Pump		MWI	Identified
44	Kaudha	Gem	FE	2	200	Surface	HT	Yala River	Pump		MWI	Identified
45	Malunga	Gem	EA	3	45	Surface	C	Huludhi River	Pump		MWI	Identified
46	Kanyabonyo	Gem	FE	7	100	Surface	HT	Yala River	Pump		MWI	Identified
Total for Siaya County				320	11,150							

Table 8.3 List of Existing and Proposed Small Scale Irrigation Schemes in Nyanza Province in 2012 (8/8)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Grand Total for Nyanza Province				1,491	45,276							

Source: Data from PIO and DIO in Nyanza Province

Remarks:

Intake Facility: W = Diversion weir, WH = Water Harvesting

Irrigation: B = Bucket, Dp = Drip, P = Pipe, Sp = Sprinkler, Surface = Surface Irrigation

Crop: B = Beans, F = Fruit, HT = Horticulture, M = Maize, R = Rice, V = Vegetables, W = Water melon,

Budget: D = International Donor, F = Farmer, GOK = Government of Kenya

Status: DD = Detailed design, Fi = Financing, FS = Feasibility study, I = Investigation, P = Planning, S = Survery

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (1/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Narok County												
1	Oletukat	Narok North		4	120	Surface	HT/V	Ewaso Ngiro R	Regu Intake	2008-2010	Drought Mngt	Need confirm gravity source
2	Olng'arua	Narok North		0	20	Surface	HT/V	Dam			Not yet	Propose Drip + Green houses
3	Namucha	Narok North		10	20	Drip	HT/V	Ewaso Kedong R	Weir	weir-2004	Not yet	Need rehabilitation
4	Enaibor Ajijik	Narok North		0	30	Surface	HT/V	Well/Water Harvest	Pans	B/H 2010	Not yet	Water scarcity
5	Shulakino	Narok North		10	40	Surface	HT/V	Enkare Ngussur R	Weir	2007-2009	GOK	Need pipeline extension
6	Labarak	Narok North		8	40	Surface	HT/V	Marmanet R/Dams			Not yet	Need common intake
7	Mosiro	Narok North		300	400	Surface	HT/V	Ewaso Ngiro R	Weir	on-going	ADB/GOK	Donor for Enviromental
8	Olopito	Narok North		40	60	Surface	HT/V	Sikinder R	Weir	on-going	GOK	Need pipeline extension
9	Meeyu	Narok North		10	30	Surface	HT/V	Meeyu S	Direct abstract	2008	GOK	Propose Drip + Green houses
10	Polonga cluster	Narok North		40	80	Surface	HT/V	Enkare Narok R	Direct abstract		Not yet	Need common intake
11	Ewaso Ngiro cluster	Narok North		30	60	Surface	HT/V	Ewaso Ngiro R	Direct abstract		Not yet	Need common intake
Total for Narok County				452	900							
Uasin Gishu County												
1	Sitoton	Eldoret East, West		0	50	Sp	HT	Chemorok R	Weir		DIO/FA	
2	Strabag	Eldoret East, West		0	40	Sp/Dp	HT	Kipsinende R	Weir		DIO/FA	
3	Sundei	Eldoret East, West		0	10	Sp	HT	Chebown R	Weir		DIO/FA	
4	Mogoiywet-Chepkoilel	Eldoret East, West		0	100	Sp/Dp	HT	Chepkoilel R	Weir		DIO/FA	
5	Ngenyilel	Eldoret East, West		0	60	Sp	HT	Sw:Kipsinende R	Weir		DIO/FA	
6	Yamumbi	Eldoret East, West		0	20	Sp	HT	Lemok R	Weir		DIO/FA	
7	St. Gorges Chepkatet	Eldoret East, West		0	100	Dp	HT	River	Pond		FA	
Total for Uasin Gishu County				0	380							
Trans-Nzoia County												
1	Chepkaitit	Tranzoia East		6	100	Sp/Drip	HT/V/M	Chepkaitit R	Weir	2007	DIO/FA	Water scarcity
2	Seum	Tranzoia East		5	50	Sp/Drip	HT/V/M	Seum R	Weir		DIO/FA	Water scarcity
3	Nyakinywa	Tranzoia East		10	200	Surface	HT/V/m	Sabwan R			DIO/FA	Water scarcity
4	Geta	Tranzoia East		15	150	Surface	HT/V/M	River			DIO/FA	Water scarcity
5	Chisare	Tranzoia East		10	160	Surface	HT/V/M	Sabwan R			DIO/FA	Water scarcity
6	Simatwet	Tranzoia East		6	200	Rising	HT/V/m	Kabcherop R	W ater H		DIO/FA	Water scarcity
7	Sinyerere	Tranzoia East		4	250	Rising	HT/V/M	Sinyerere R	W ater H		DIO/FA	Water scarcity
8	Wamuini	Trans Nzoia West		28	150	Surface	MZ/HT	Dam	Weir		GOK/FA	Now drainage scheme
9	Bikeke	Trans Nzoia West		22	450	Surface	MZ/HT	River	Weir/Pump		GOK/FA	Extension propposed
10	Machunngwa	Trans Nzoia West		20	250	Surface	MZ/HT	River	Weir/Pump		GOK/FA	Extension propposed
11	Kiminini	Trans Nzoia West		6	140	Surface	MZ/HT	River	Weir/Pump		GOK/FA	Extension propposed
12	Mucharage	Trans Nzoia West		20	150	Surface	MZ/HT	Dam	Weir		GOK/FA	Extension propposed
13	Tulwet	Trans Nzoia West		10	160	Surface	MZ/HT	Dam	Weir		GOK/FA	Extension propposed
14	Wehonia	Trans Nzoia West		19	172	Surface	MZ/HT	Dam	Weir/Pump		GOK/FA	Extension propposed
15	Chepkorok	Trans Nzoia West		14	127	Surface	MZ/HT	Dam	Intake/Pump		GOK/FA	Extension propposed
16	Wekhonye	Trans Nzoia West		10	60	Surface	MZ/HT	Dam	Intake/Pump		GOK/FA	Extension propposed
17	Nyabomo	Trans Nzoia West		12	70	Surface	MZ/HT	Dam	Intake/Pump		GOK/FA	Extension propposed

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (2/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
18	Kapkoi (Sisal)	Trans Nzoia West		8	80	Surface	MZ/HT	Dam	Intake/Pump		GOK/FA	Extension propposed
19	Kiungani	Trans Nzoia West		10	75	Surface	MZ/HT	Dam	Intake/Pump		GOK/FA	Extension propposed
20	Kampimiwa	Trans Nzoia West		8	80	Surface	MZ/HT	Dam	Intake/Pump		GOK/FA	Extension propposed
21	Big Tree Cluster	Trans Nzoia West		6	32	Surface	M/HT/B	Dam	Intake/Pump		GOK/FA	Extension propposed
22	Kikwamet Cluster	Trans Nzoia West		5	24	Surface	M/HT/B	Dam	Intake/Pump		GOK/FA	Extension propposed
23	Koibei	Kwanza	1BE	100	100	Surface	HT/V/M	Seum R	Weir		DIO/FA	Water scarcity
24	Salama Umburella	Kwanza	1Be	150	150	Surface	HT/V/M	Sabwan R	Weir		DIO/FA	Water scarcity
25	Kimothon	Kwanza	1Be	150	150	Surface	HT/V/M	River	Weir		DIO/FA	Water scarcity
Total for Trans-Nzoia County				654	3,530							
Elgeyo/Marakwet County												
1	Setano	Keiyo North/South		5	40	SP	HT	Kabono R	Weir	New	DIO/F	Water scarcity
2	Kipchukuku	Keiyo North/South		10	150	sp	GR/WM	Emsoo R	Weir	New	DIO/F	Water scarcity
3	Simutwo	Keiyo North/South		5	104	sp	PF/V	Chepkolei R	Weir	New	DIO/F	Water scarcity
4	Kaptile	Keiyo North/South		5	150	sp	PF/V	Naberi R	Weir	New	DIO/F	Water scarcity
5	Emsoo	Keiyo North/South		10	150	SP	PF/V	Emsoo R	Weir	New	DIO/F	Water scarcity
6	Ketut	Marakwet East		60	200	Surface	M/S	Embolot R	Side Weir	N/K	Not yet	Existing. Poor infrastructure
7	Chesawany	Marakwet East		0	100	Surface	M/FM	Embobut R	Weir	New	Not yet	New
8	Murkutwo	Marakwet East		60	200	Surface	M/S	Enou R	Weir	N/K	Not yet	Existing. Poor infrastructure
9	Cheletun	Marakwet East		20	120	Surface	M/S	Embolot R	Side Weir	N/K	Not yet	Existing/Traditional
10	Kapysioi	Marakwet East		60	150	Surface	M/S/FM	Embobut R	Side Weir	1930s	GOK	Existing
11	Siromet	Marakwet East		0	400	Surface	M/Ht	Arror R	Weir	New	Not yet	Proposed scheme
12	Kapsogom	Marakwet East		80	250	Surface	M/S/FM	Embobut R	Side Weir	1940s	Not yet	Existing
13	Kasike	Marakwet East		60	120	Surface	M/S/FM	Embobut R	Side Weir	1940s	Not yet	Existing
14	Kasukut	Marakwet East		100	300	Surface	M/F/W/G	Embobut R	Side Weir	1930s	Not yet	Existing
15	Kaben	Marakwet East		80	200	Surface	M/F/W/G	Embobut R	Side Weir	1983	GOK	Exiting
16	Karamwar	Marakwet East		40	100	Surface	M/FM/S	Embobut R.	Side Weir	1988	Not yet	Existing
17	Lukuk	Marakwet West		40	120	Surface	HT/M/GG	Arror R	Side Weir	N/K	Not yet	Existing.
18	Samar/Kapchemuta	Marakwet West		80	320	Surface	M/V/GG	Arror R	Side Weir	N/K	Not yet	Existng
19	Tunyo	Marakwet West		0	200	Surface	HT/M/GG	Tunyo R	Dam	New	Not yet	Proposed scheme
20	Kondabilet	Marakwet West		0	40	Sprinkler	Ht	Kondabilet R	Dam	New	GOK	Proposed scheme
Total for Elgeyo/Marakwet County				715	3,414							
Pokot County												
1	Marich	Larger West Pokot		0	140	Sp	a, Sor, Ba, Ca,	Muruny R	Weir	140	MWI	proposed scheme
2	Cheraik	Koibatek-Eldama R		0	47	Surface	HT/Fd	River/Stream	Weir			
3	Kaimoi	Koibatek-Eldama R		0	50	Surface	HT/Fd	River/Stream	Weir		GOK	Designed
4	Kikosi	Koibatek-Eldama R		0	50	Surface	HT/Fd	River/Stream	Weir		GOK	Identified
Total for Pokot County				0	287						GOK	Identified
Baringo County												
1	Chebuskech irr. Sch.	Baringo central		0	610	Surface/Sp	maize/ht	Dam/Water H	gravity		MWI/F	Comm. Innitiative
2	Oke Irr. Sch.	Baringo central		0	550	Sp	HT/V/W/FR	Dam/Water H	gravity		MWI/F	Water scarcity

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (3/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
3	Kibonjos/Sabor	Baringo central		0	230	Surface/Sp	HT/V/W	Dam/Water H	gravity		MWI/F	Water scarcity
4	Kiboi Irr. Sch.	Baringo North		160	240	Surface	M/ht	River	Weir	1987	MWI/F	Water scarcity
5	Sibilo	Baringo North		0	220	Surface/Sp	M/ht	Dam/Water H	gravity		MWI/F	Water scarcity
6	Rebeko irr. project	Baringo North		4	30	Surface/Sp	m/ht	River/Water H	Weir		MWI/F	Water scarcity
7	Tilingwo	Baringo North		50	150	Surface	M/ht/Fr	Tilingwo R	Weir	1986	GOK	Require water storage
8	Barwesa	Baringo North		75	150	Surface	M/ht/Fr	Yeptos R	Weir	1983	GOK	Require water storage
9	Yatya	Baringo North		0	200	Surface	M/ht/Fr	Yatya R	Dam			Viable scheme
10	Raraon	Baringo North		5	30	Surface	M/ht/Fr	Raraon S	Weir	traditional	F	Spring/swamp protection
11	Amaya	East Pokot		4	200	Surface/Sp	M/ht	Dam/Water H	Gravity	1984		Water scarcity
12	Parpello	East Pokot		0	250	Surface/Sp	M/ht	Dam/Water H	Gravity			Water scarcity
13	Siriewo-Kaptuiya	East Pokot		0	100	Surface/Sp	M/ht	Dam/Water H	Gravity			Water scarcity
14	Cheseremion	East Pokot		0	80	Surface/Sp	M/ht	Dam/Water H	Gravity	2012	ID	Water scarcity
15	Natan	East Pokot		0	240	Surface	M/ht	Dam/Water H	Gravity			Water scarcity
16	Kositei	East Pokot		2	200	Surface	M/ht	Dam/Water H	Gravity	Old		Water scarcity
17	Tiati	East Pokot		0	150	Surface	M/ht/Fr	Dam/Water H	Gravity			Water scarcity
18	Nasorot	East Pokot		0	100	Surface	M/ht/Fr	Dam/Water H	Gravity			Water scarcity
19	koloa	East Pokot		0	200	Surface/Sp	M/ht/Fr	Embobut R	Weir	2012	GOK/ID	Water source in Marakwet
20	Kerio Irr. Project	East Pokot		0	1,000	surface	M/ht/Fr	Kerio R	Weir/Pump			Need relocation of weir
21	Kiserian Irr. Sch.	Marigat		160	240	surface	M/HT	River	Weir	1987	GOK/F	Water scarcity
22	Ngenyin Irr.	Marigat		20	40	surface	M/HT	River	Weir	1981	GOK/F	Water scarcity
23	Ngelecha	Marigat		0	240	surface	M/HT	Dam/Water H	Gravity	new	proposed	Water scarcity
24	Mukutani cluster	Marigat		30	120	surface	M/HT	River	Weir	old	F	Water scarcity
25	Kamoskoi	Marigat		100	300	surface/sp	M/HT	River	Weir	old	F	Water scarcity
26	Eldume	Marigat		160	240	surface	M/HT	River	Weir	1983	GOK	Need canal lining
27	Embossos	Marigat		20	100	Surface/Sp	M/HT	River	Weir	2007	GOK	Not complete
28	Endao	Marigat		30	150	Surface	M/HT	River	Weir	1986	GOK	Water scarcity
29	Kamaech	Marigat		160	180	Surface	M/HT	River	Weir	2007	GOK	Water scarcity
30	kamonong	Marigat		14	0	Surface	M/HT	River	Weir	old	F	Destroyed by floods
31	Kapkuikui cluster irr. Sch.	Marigat		200	350	Surface	M/HT	Swamp	Diversion canal	1988	GOK	Need canal lining
32	Salabani	Marigat		50	150	Surface	M/HT	River	Weir	1984	GOK	Water scarcity
33	Mosuro	Marigat		60	220	Surface	M/HT	River	Weir	2005	GOK/ID	Water scarcity
34	Lomulel	Marigat		0	180	Surface/Sp	M/HT	Dam/Water H	Intake/Tower	new		Water scarcity
35	Sandai	Marigat		120	300	Surface	M/HT	River	Weir	1983	GOK	Water scarcity
36	Keremgong	Marigat		0	200	Surface/Sp	M/HT	Dam/Water H	Intake/Tower	new	GOK	Water scarcity
37	Kures	Marigat		0	350	Surface/Sp	M/HT	Dam/Water H	Intake/Tower	new	GOK	Water scarcity
38	keringet	Marigat		0	120	Surface/Sp	M/HT	Dam/Water H	Intake/Tower	new	GOK	Water scarcity
39	Sabor Upper	Marigat		0	160		M/B/V/WM	River	Dam			
40	Aawee	Koibatek		3	300	Surface	HT/M/V/F	Spring	Intake box	N/A	GoK	Designed
41	Cheraik	Koibatek		7	200	Surface	HT/M/V/F	River	Weir	N/A	GoK	Identified
42	Kaimoi	Koibatek		0	100	Surface	HT/M/V/F	Stream	Weir	N/A	GoK	Identified
43	Kikosi	Koibatek		0	80	Surface	HT/M/V/F	Stream	Weir	N/A	GoK	Identified

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (4/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
44	Kabimoi	Koibatek		0	200	Surface	HT/M/V/F	River	Weir	N/A	GoK	Proposed
45	Chebuskech	Baringo Central		0	120	Surface/Sp	M/HT	Dam/Water H	Gravity			
46	Mogotio	Mogotio District		15	n.a.	Sp	HT/V	Molo R	Weir			
47	Emining	Mogotio District		20	150	Sp	HT/V	NaroSura R	Weir			
48	Maji Moto	Mogotio District		20	200	Surface/Sp	HT/V	Maji Moto S	Weir			
49	Rossy	Mogotio District		10	500	Sp/Dp	HT/V	Kipngoron S	Weir			
50	Emsos	Mogotio District		5	50	Sp	HT	Waseges R	Weir			
51	Kipkitur	Mogotio District		5	40	Surface/Sp	HT	Rongai R	Weir			
52	Molo Sirwe	Mogotio District		10	10	Sp	HT	Molo R	Weir			
53	Kabuswor	Mogotio District		0	100	Sp/Drip	HT	Suge S	Weir			
Total for Baringo County				1,519	10,620							
Samburu County												
1	Uaso Rongai	Samburu North	2D	1	60	Sp	M/B/V/P	Stream	Weir	2014	GOK	Identified
2	Nachola	Samburu North	2D	2	40	Sp	M/B/V/P	Dam/Water H	Elevated tank			
3	Baawa	Samburu Central	5CA	5	120	Sp	M/B/V/P	Dam/Water H	Elevated tank	2012	GOK	Identified
4	Kisima	Samburu Central	5CA	0	100	Sp	M/B/V/P	Dam/Water H	Elevated tank	2014	GOK	Identified
5	Amaiya	Samburu		0	100	Sp	M/B/V/P	River	Weir	2016	GOK	Identified
6	Kulungu	Samburu		0	60	Sp	C/HT	Stream	Weir	2018	GOK	Identified
Total for Samburu County				8	480					2015	GOK	Identified
Bomet County												
1	Kiplabotwa	Bomet		0	300	Sp	C/HT	Amala R	Weir	2018	GOK	Identified
2	Kapsimbiri	Bomet		0	100	Sp	C/HT	Nyangores R	Weir	2020	GOK	Identified
3	Kipreres	Bomet		0	50	Sp	C/HT	River	Pond	2021	GOK	Identified
4	Kabisoge	Bomet		0	100	Drainage	C/HT	Drains	Pan	2024	GOK	Identified
5	Olbobo Nyahururu	Bomet		0	50	Drainage	C/HT	Drains	Pan	2025	GOK	Identified
6	Olokyin	Bomet		0	50	Drainage	C/HT	Drains	Pan	2027	GOK	Identified
7	Chebirir	Bomet		0	100	Drainage	C/HT	Drains	Pan	2023	GOK	Identified
8	Kipreres	Bomet		0	50	Drainage	C/HT	Drains	Pan	2018	GOK	Identified
9	Rongena	Sotik		0	450	Surface	C/HT	On-farm Pan	Pan	2020	GOK	Identified
10	Nyatembe	Sotik		0	130	Surface	C/HT	Kipsonoi R	Weir	2025	GOK	Identified
11	Kapchepkoro	Sotik		0	100	Surface	C/HT	Cheptangulge R	Weir			
12	Tembwa	Sotik		0	800	Surface	C/HT	On-farm Pan	Pan	2013	GOK	Identified
13	Kimugul	Sotik		0	100	Surface	C/HT	On-farm Pan	Pan	2027	GOK	Identified
14	Kimolwet	Sotik		0	130	Surface	C/HT	Kipsonoi R	Weir	2020	GOK	Identified
15	Soymet	Sotik		0	100	Surface	C/HT	Kipsonoi R	Weir	2024	GOK	Identified
16	Simbi	Sotik		0	100	Surface	C/HT	Kipsonoi R	Weir	2018	GOK	Identified
17	Kaitit	Sotik		0	800	Surface	C/HT	On-farm Pan	Pan			
18	Manaret	Sotik		0	800	Surface	C/HT	On-farm Pan	Pan	N/A	GOK	Weir to be constructed
19	Kaplomboi	Sotik		0	210	Surface	C/HT	On-farm Pan	Pan	N/A	GOK	Identified
20	Kapkures	Sotik		0	800	Surface	C/HT	On-farm Pan	Pan	2008	GOK/EU	Partially operating
21	Mabwaita	Sotik		0	400	Surface	C/HT	On-farm Pan	Pan	2012	GOK	New

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (5/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
22	Kiptulwo	Sotik		0	1,400	Surface	C/HT	On-farm Pan	Pan			
23	Soliot	Sotik		0	300	Surface	C/HT	On-farm Pan	Pan	2019	GOK	Identified
24	Sachangwan	Sotik		0	1,250	Surface	C/HT	On-farm Pan	Pan	2016	GOK	Identified
25	Kapsangaru	Sotik		0	1,300	Surface	C/HT	On-farm Pan	Pan	2017	GOK	Identified
26	Oldebese	Sotik		0	2,100	Surface	C/HT	On-farm Pan	Pan	2012	GOK	Identified
27	Kiptenden	Kinoin		0	126	Surface	C/HT	Itare River	Weir			
28	Kaboisoi	Kinoin		0	60	Surface	C/HT	Itare River	Weir	2015	GOK	Identified
29	Mlango Mbili	Kinoin		0	60	Surface	C/HT	Itare River	Weir	2015	GOK	Identified
30	Masyemu	Kinoin		0	70	Surface	C/HT	Itare River	Weir	2016	GOK	Identified
31	Iriamaina	Kinoin		0	126	Surface	C/HT	Itare River	Weir	2013	GOK	Identified
32	Chebaraa	Chapalungu		0	350	Sp/Surface	C/HT	Nyangores R	Weir	2018	GOK	Identified
33	Kicheka	Chapalungu		0	250	Sp/Surface	C/HT	Nyangores R	Weir			
34	Kaboson	Chepalungu		2	450	Sp/Drip	HT/V/FR	River	Weir	2016	GOK	Identified
35	Chebaraa gravity	Chepalungu		4	600	Sp/Drip	HT/V/FR	River	Weir	2015	GOK	Identified
Total for Bomet County				6	14,162					2020	GOK	Identified
Kericho County												
1	Kamanamsim	Bureti		0	64	Surface	C/HT	Boreguet R	Weir	2025	GOK	Identified
2	Mosombob	Bureti		0	80	Surface	C/HT	Itare R	Weir	2027	GOK	Identified
3	Chebarema	Bureti		0	120	Surface	C/HT	Itare R	Weir	2023	GOK	Identified
4	Kipkerieny	Bureti		0	80	Surface	C/HT	Itare R	Weir			
5	Tiritap Moita	Bureti		0	200	Surface	C/HT	Itare R	Pond	2013	GOK	Identified, No water permit
6	Kapsomboch	Belgut		0	60	Surface	HT/C	Sondu R	Weir	2014	GOK	Identified, No water permit
7	Lelagoi	Belgut		0	40	Surface	HT/C	Sondu R	Weir			
8	Chebangoror	Belgut		0	40	Surface	HT/C	Sondu R	Weir		Not identified	No intervention done
9	Were	Belgut		0	40	Surface	HT/C	Sondu R	Weir	2014	Not Identified	No intervention done
10	Mindililwet	Belgut		0	55	Surface	HT/C	Sondu R	Weir		Not Identified	No intervention done
11	Koilsir	Belgut		0	80	Surface	HT/C	Sondu R	Weir			
12	Soin	Kericho East		0	200	Surface	HT/C	Sondu R	Weir	2015	GOK	Project identified
13	Laliat	Kericho East		0	80	Surface	HT/C	Sondu R	Weir			
14	Kapsaos	Kericho East		0	80	Surface	HT/C	Sondu R	Weir	2012	GOK	On-going
15	Soliat	Kericho East		0	100	Surface	HT/C	Sondu R	Weir		GOK	Identified
16	Kaplelach	Kericho East		0	140	Surface	HT/C	Sondu R	Weir			
17	Simbi	Kericho East		0	100	Surface	HT/C	On-farm Pan	Pan		GOK/Community	Proposed
18	Kipchurian	Kipkelion		0	80	Surface	C/HT	Kipchurian R	Weir			
19	Kunyak	Kipkelion		0	90	Surface	C/HT	Kimorio R	Weir		GOK/Community	Proposed
20	Momoniat	Kipkelion		0	60	Surface	C/HT	Kipchurian R	Weir		GOK/Community	
21	Ruskebei	Londiani		0	200	Surface	HT/V	Kipchorian R	Weir			
22	Kamwingi	Londiani		0	150	Surface	HT/V	Kipchorian R	Weir			
23	Barotion	Londiani		0	100	Surface	HT/V	On-farm Pan	Pan			
24	Chepseon	Kipkelion		0	120	Drainage	C/HT	On-farm Pan	Pan			
25	Barotion (Phase 2)	Kipkelion		0	95	Drainage	C/HT	On-farm Pan	Pan			

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (6/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Total for Kericho County				0	2,454							
Nandi County												
1	Kipagenge	Nandi South		2	100	Drip/Sp	HT/V	River	Weir	2012	GOK	on-going
2	Chemase	Nandi South		1	120	Drip/Sp	HT/V	River	Weir		GOK	identied
3	Chepkongony	Nandi South	1FC	4	80	Drip/Sp	HT/V	River	Weir	2009	GOK	Needs up stream storage
4	Toroton	Nandi East/Tindiret		1	120	Drip/Sp	HT	River	Weir		GOK/Community	Proposed
5	Togomin	Nandi East/Tindiret		2	50	Drip/Sp	HT	River	Weir		GOK/Community	Proposed
6	Chebinyiny	Nandi East/Tindiret	1FD	1	30	Drip/Sp	HT	River	Weir		GOK/Community	Proposed
7	Kiborgok	Nandi Cental		1	60	Drip/Sp	HT/V	River	Weir		GOK/Community	Proposed
8	Kibogo	Nandi Cental		1	80	Drip/Sp	HT	River	Weir		GOK/Community	Proposed
9	Kapkeneroi	Nandi North		2	50	Drip/Sp	HT	River	Weir		GOK/Community	Proposed
10	Tinet	Nandi North		2	80	Drip/Sp	HT	River	Weir		GOK/Community	Proposed
11	Ngechek	Nandi North		2	50	Drip/Sp	HT	River	Weir		GOK/Community	Proposed
Total for Nandi County				19	820							
Kajiado County												
1	Matepes	Loitoktok		300	375	Surface	HT/V	Nchoro R	Weir			
2	Oleshiru	Loitoktok		200	280	Surface	HT/V	Ngareleni R	Weir			
3	Oleshonko	Loitoktok		220	300	Surface	HT/V	Shonko S	Spring			
4	Ilkerematiani	Kajiado North		0	n.a.			Ewaso Nyiro R		New	DIO/FA	New
5	Shompole	Kajiado North		0	n.a.			Ewaso Nyiro R		New	DIO/FA	New
6	Parkese	Kajiado North		0	n.a.			Parkase R				
7	Ensonorua	Kajiado North		0	n.a.			Ensonorua R		GOK	DIO/FA	Rehabilitation/Expansion
8	Oltukai Kiboko	Kajiado Central		50	90	Surface	HT/V	Spring	Intake			
9	Sanderas	Kajiado Central		35	120	Surface	HT/V	Wells	Pump			
10	Noondepen	Kajiado Central		10	40	Surface	HT/V	wells	pump			
11	Kasairos	Kajiado Central		15	60	Surface	HT/V	wells	pump			
Total for Kajiado County				830	1,265							
Nakuru County												
1	Ihindu Irr Project	Naivasha	2G	2	60	Drip	HT/V	Wells,Water H	Dams,tank		DIO/FA/NIB	Water scarcity
2	Kipkonyo/Ndabibi Cluster	Naivasha	2G	5	325	Sp/Drip	HT/V/W/F	Pan/Well	Dam,pan, Tank		DIO/FA	Water scarcity
3	Lower Karati Cluster	Naivasha	2GA	5	200	Sp/Drip	HT/V/W	River/Water H	Weir,Dams, Pans		DIO/FA	Water scarcity
4	Kijabe Cluster	Naivasha	2H	5	100	Drip	HT/V/W	River/Water H	Weir,Dams, Pans		DIO/FA	Water scarcity
5	Satellite Cluster	Naivasha	2H	2	20	Drip	HT/V/W	Taps/Water H	Tank,Pan		DIO/FA	Water scarcity
6	GichunguCluster	Naivasha	2H	20	50	Drip	HT/V/W	River/Water H	Weir,Pan, Tank		DIO/FA	Water scarcity
7	Sipemba Cluster	Naivasha	2H	30	100	Drip	HT/V/W	River/Water H	Weir,Pan, Tank		DIO/FA	Water scarcity
8	Kiambogo/Kiptangwany Mi	Gilgil	2FC	5	150	Sp/Drip	HT/V/FL	River/Water H	Weir,Pan, Tank		DIO/FA	Water scarcity
9	Gitare Dam Irrig Project	Gilgil	2FA	1	50	Sp/Drip	HT/V	Springr/Water H	Dam,Pan, Tank		DIO/FA	Water scarcity
10	Kasambara Dam Irrig. Proje	Gilgil	2FA	2	100	Sp/Drip	HT/V/W	Springr/Water H	Dam,Pan, Tank			Water scarcity
11	Karunga Cluster	Gilgil	2GA	6	10	Sp/Drip	HT/V	Taps/Water H	Tank,Pan		DIO/FA	Water scarcity
12	Kiambu Mwitumberia Clust	Gilgil	2GB3	56	100	Sp/Drip	HT/V/FL	River/Water H	Weir,Pan, Tank		DIO/FA	Water scarcity

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (7/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
13	Gatundu Cluster	Gilgil	2GB3	25	100	Sp/Drip	HT/V/W	River/Water H	Weir,Pan, Tank		DIO/FA	Water scarcity
14	Gathigiriiri Cluster	Gilgil	2GA	40	100	Sp/Drip	HT/V/W	River/Water H	Weir,Pan, Tank		DIO/FA	Water scarcity
15	Mbegi/Mwea cluster	Gilgil	2GA	36	100	Sp/Drip	HT/V/W	River/Water H	Weir,Pan, Tank			Water scarcity
16	Kariandusi 1	Gilgil	2FA	35	60	Sp/Drip	HT/V/W	River/Water H	Weir,Pan, Tank	2009/10	DIO/FA	Water scarcity
17	Kariandusi 2	Gilgil	2FA	0	100	Sp/Drip	HT/V/W	Water H	Dam,Pans		DIO/FA	Water scarcity
18	Kiungururia/Itherero	Gilgil	2FA	325	130	Sp/Drip	HT/V/W	River/Water H	Weir,pan		DIO/FA	
19	Boror	Rongai		5	120	Sp/Drip	HT/V/W	River	Weir	2002-	DIO/FA	Water scarcity
20	Mulo	Rongai		5	150	Sp/Drip	HT/V/W/FR	River	Weir		DIO/FA	Water scarcity
21	Nyaru Dam	Rongai		5	40	Drip	HT/V/W	River	Dam		DIO/FA	Water scarcity
22	Green-point	Rongai		5	30	Drip	HT/V/W	River/Water H	Weir,dam		DIO/FA	Water scarcity
23	N.P.A.	Rongai		5	50	Drip	HT/V/W	Spring/River	Weir		DIO/FA	Water scarcity
24	Sunrise	Rongai		3	20	Drip	HT/V/W	Water H/Taps	Tank/Pan		DIO/FA	Water scarcity
25	Ndarugu	Rongai		0	20	Drip	HT/V/W	River/Water H	Weir,dam		DIO/FA	Water scarcity
26	Kirurumo	Subukia		75	n.a.	Drip/Furrow	V/HT	Falls stream	Weir	2008/09	DIO/F	Pipeline not done yet
27	Kaptarakwa A	Subukia		50	n.a.	DP/Furrow	V/HT	Kiambogo S	Weir	2009	DIO/F	Weir share with Wiyumiririe
28	Kaptarakwa B	Subukia		60	n.a.	DP/Furrow	V/HT	Subukia R	Weir		DIO/F	Designed
29	Kianyoro Dam	Subukia		60	n.a.	DP/Furrow	V/HT	Springs	Dam		DIO/F	Designed
30	Kilo	Njoro		1	50	Sp/Drip	M,HT	Naishi R	W	2010-/2012	GOK/DIO/F	Water scarcity
31	Ndururumo-Muthiga	Njoro		1	100	Sp/Drip	M,HT	Naishi R	W	2012/2013	GOK/DIO/F	Water scarcity
32	Ndururumo-Karogoe	Njoro		1	50	Drip	HT,M,B,V	On farm Pan	W		GOK/DIO/F	FS,/I Water scarcity
33	Miti Mirefu	Molo		0	10	Drip	M,B,V	Spring	W		GOK/DIO/F	FS/I Water scarcity
34	Bidii	Molo		1	20	Drip	HT,M,B,V	On-farm Pan	W		GOK/DIO/F	FS,I Water scarcity
Total for Nakuru County				877	2,515							
Turkana County												
1	Konoo	Loima		20	150	Surface	M/S	Turkwel R	Side weir			
2	Neramitt	Loima		25	80	Surface	M/S	Turkwel R	Side weir	2004	Not yet	ALRM Financed for intake
3	Nawayawoi	Loima		10	120	Surface	M/S	Turkwel R	Side weir		Not yet	No intervention done
4	Naoros	Turkana Central		60	150	Surface	M/S	Turkwel R	Side weir			
5	Nadoto	Turkana Central		30	160	Surface	M/S	Turkwel R	Side weir	New	MWI/F	Comm. Initiative
6	Roborot	Turkana Central		60	60	Surface	M/S	Turkwel R	Side weir			
7	Lokapel	Turkana south		10	100	Surface	M/S	Turkwel R	Side weir	2008	DIO	Scheme started by farmers
8	Kangitoni Kori	Turkana south		40	100	Surface	M/S	Turkwel R	Side weir	2000	DIO	Scheme started by farmers
9	Nawoyaregea	Turkana south		20	20	Surface	M/S	Turkwel R	Side weir	2005	DIO	Scheme started by farmers
10	Korinyang	Turkana south		0	52	Surface	M/S	Turkwel R	Side weir	2011	DIO	Scheme started by farmers
11	Kapelbok	Turkana south		140	140	Surface	M/S	Turkwel R	Side weir	1996	DIO	Scheme started by farmers
12	Lomopus	Turkana south		36	76	Surface	M/S	Turkwel R	Side weir	1978	DIO	Scheme started by farmers
13	Morulem	Turkana east		453	653	Surface	M/S	Turkwel R	Side weir	1979	DIO	Scheme started by farmers
14	Kidewa	Turkana east		13	13	Surface	Surghum	Kerio R	Weir			
Total for Turkana County				917	1,874							
Laikipia County												
1	Bidii	Molo/Njoro		0	50		M/B	River	Weir			

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (8/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
2	Bidii	Molo/Njoro		0	50		M/BN/tm/Pt	River	Weir			
3	Mona	Molo/Njoro		0	50		M/Bn/C/Pt	River	Weir			
4	Pesi	Nyahururu;6AB		0	60	Drip	HT	Pesi R	Weir	2012	GOK	Under design
5	AAA Growers	Nyahururu;7AB		0	350	Drip	HT	Ewasonarok R	Weir	2013	GOK	Identified, No water permit
6	Marmanet Kwa	Nyahururu;8AB		0	10	Drip	HT	Groundwater	Pump	2014	GOK	Identified, No water permit
7	Ex-Campbell Dam	Nyahururu		0	120	Gravity	HT	Green Dam	Weir	2015	GOK	Identified
8	Gatirima	Nyahururu		0	180	Gravity	HT	Gatirima earth dam	Weir	2016	GOK	Identified
9	Green Dam	Nyahururu		60	120	Gravity	HT	Njonjo S	Weir	2016	GOK	Identified
10	Mutiriri	laikipia east		150	200	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
11	Sawa	laikipia east		50	100	Drip/Sp	HT/V/FR	River	Weir	2110	GOK/Community	On-going
12	Kariene	laikipia east		50	100	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
13	Umande	laikipia east		100	300	Drip	HT/V/FR	Water Pan		2012	GOK/Community	Proposed
14	Nyamuguna	laikipia east		100	400	Drip/Sp	HT/V/FR	River	dam	2012	GOK/Community	On-going
15	mia moja	laikipia east		80	180	Drip/Sp	HT/V	River	Weir	2005	GOK	On-going
16	mia moja/kahira	laikipia east		30	150	Drip/Sp	HT/V	River	Weir	2002	GOK	On-going
17	Ex-Web	laikipia east		100	200	Drip/Sp	HT/V	River	Weir	2003	World vision	On-going
18	Mwinyama	laikipia east		80	180	Drip/Sp	HT/V/FR	River	Weir	2003	World vision	On-going
19	Mwinyama	laikipia east		30	100	Drip/Sp	HT/V/FR	River	Weir	2003	world vision	On-going
20	Nturukuma	laikipia east		120	300	Drip/Sp	HT/V/FR	River	Weir	2009	GOK/Community	On-going
21	Nkando	laikipia east		60	200	Drip/Sp	HT/V/FR	River	Weir	2006	GOK/Community	On-going
22	Sirimon	laikipia east		50	100	Drip/Sp	HT/V/FR	River	Weir	2006	GOK/Community	On-going
23	Jikaze	laikipia east		10	30	Drip/Sp	HT/V/FR	River	Weir	2008	GOK/Community	On-going
24	Ontilili	laikipia east		50	200	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
25	Nenia	laikipia east		50	200	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
26	Sweetwater	Laikipia central		50	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
27	Mikumbune	Laikipia central		80	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
28	Ngobit	Laikipia central		60	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
29	Thome	Laikipia central		60	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
30	Kiwara	Laikipia central		50	150	Drip/Sp	HT/V/FR	River	Weir	2013	GOK/Community	Proposed
31	Ruai	Laikipia central		80	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
32	Mutaro	Laikipia central		40	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
33	Nyamuguna	Laikipia central		50	350	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
34	Wiyumirire	Laikipia central		40	100	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
35	South Imenti	Laikipia central		50	100	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
36	Ihigaini	Laikipia central		80	200	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
37	Solio	Laikipia central		90	900	Drip/Sp	HT/V/FR	Dam	Weir	2012	GOK/Community	On-going
38	Kabanga	Laikipia central		50	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
39	Tigithi	Laikipia central		40	200	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	On-going
40	Mirera	Laikipia central		50	100	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
41	Tharua	Laikipia central		50	100	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
42	Tumaina	laikipia north		80	200	Drip/Sp	HT/V/FR	River	Weir	2009	GOK/Community	On-going

Table 8.4 List of Existing and Proposed Small Scale Irrigation Schemes in Rift Valley Province in 2012 (9/9)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
43	Mutirithia	laikipia north		100	200	Drip/Sp	HT/V/FR	Dam	Weir	2010	GOK/Community	Proposed
44	Ngare Ngiro	laikipia north		40	100	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
45	Mbugi Ya Ngai	laikipia north		100	200	Drip/Sp	HT/V/FR	Dam	Weir	2012	GOK/Community	Proposed
46	Njua Kali	laikipia north		50	100	Drip/Sp	HT/V/FR	Dam	Weir	2012	GOK/Community	Proposed
47	Nkiloriti	laikipia north		0	20	Drip/Sp	HT/V/FR	River	dam	2012	GOK/Community	Proposed
48	Naibo	laikipia north		10	50	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
49	Segera	laikipia north		50	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
50	Kariunga	laikipia north		50	300	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
51	Nyakumu	laikipia north		50	150	Drip/Sp	HT/V/FR	River	Weir	2012	GOK/Community	Proposed
Total for Laikipia County				2,620	9,850							
Grand Total for Rift Valley Province				8,617	52,551							

Source: Data from PIO and DIO in Rift Valley Province

Remarks:

Intake Facility: W = Diversion weir, WH = Water Harvesting

Irrigation: B = Bucket, Dp = Drip, P = Pipe, Sp = Sprinkler, Surface = Surface Irrigation (Basin, Furrow)

Crop: B = Beans, F = Fruit, HT = Horticulture, M = Maize, R = Rice, V = Vegetables, W = Water melon,

Budget: D = International Donor, F = Farmer, GOK = Government of Kenya

Status: DD = Detailed design, FI = Financing, FS = Feasibility study, I = Investigation, P = Planning, S = Survery

Table 8.5 List of Existing and Proposed Small Scale Irrigation Schemes in Nairobi Province in 2012

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Nairobi County												
1	Kosonjuka group	Kasarani	HB	0.02	1.00	Drip	HT	Seasonal Stream	pump	2012	GOK	One Green house out of 30
2	Kamuthi	Kasarani	HC	0.02	1.00	Drip	HT	Water company	pipe	2012	GOK	One Green house out of 30
3	Wareire	Kasarani	HB	0.02	1.00	Drip	HT	Water company	pipe	2012	GOK	One Green house out of 30
4	Mayake	Kasarani	HA	0.02	1.00	Drip	HT	Seasonal Stream	pump	2012	GOK	One Green house out of 30
5	Kiwanja foundation	Kasarani		0.02	0.98	Drip						One Green house out of 30
6	Brian resource centre	Kasarani	HC	0.02	0.95	Drip	HT	Runoff Harvesting	pump	2012	GOK	One Green house out of 30
7	Familia ya Ufariji	Kasarani		0.02	1.00	Drip	HT	Borehole	pump	2012	GOK	One Green house out of 30
8	Brian resource Foundation	Kasarani		0.02	1.00	Drip	HT	Runoff Harvesting	pump	2012	GOK	One Green house out of 30
9	Mwiki	Njiru	HC	0.02	1.00	Drip	HT	Water company	Pump	2012	GOK	One Green house out of 30
10	Silanga	Njiru	HC	0.02	1.00	Drip	HT	Shallow Well	Pump	2012	GOK	One Green house out of 30
11	Peace valley	Njiru	HC	0.02	1.00	Drip	HT	Shallow Well	Pump	2012	GOK	One Green house out of 30
12	Arata	Njiru	HC	0.02	1.00	Drip	HT	Water company	Pump	2012	GOK	One Green house out of 30
13	Pitwisla	Njiru	HC	0.02	1.00	Drip	HT	Shallow Well	Pump	2012	GOK	One Green house out of 30
14	Victory	Dagoreti	HA	0.02	1.00	Drip	R	Pipe/ Water H	Pump	2012	MWI	One Green house out of 30
15	Growa	Westland	HA	0.02	1.00	Drip	R	Pipe/ Water H	Pump	2012	MWI	One Green house out of 30
Total for Nairobi County				0.30	14.93							
Grand Total for Nairobi Province				0.30	14.93							

Source: Data from PIO and DIO of MWI in Nairobi Province

Note: Intake Facility: W = Diversion weir, WH = Water Harvesting
Irrigation: B = Bucket, Dp = Drip, P = Pipe, Sp = Sprinkler, Surface = Surface Irrigation (Basin, Furrow)
Crop: B = Beans, F = Fruit, HT = Horticulture, M = Maize, R = Rice, V = Vegetables, W = Water melon,
Budget: D = International Donor, F = Farmer, GOK = Government of Kenya
Status: DD = Detailed design, FI = Financing, FS = Feasibility study, I = Investigation, P = Planning, S = Survery

Table 8.6 List of Existing and Proposed Small Scale Irrigation Schemes in Central Province in 2012 (1/7)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Nyeri County												
1	Kiruma	Nyeri South	4AD	0	10	SP	HT	Gachangura River	Weir	Extension	Fai, GOK	Detailed Design
2	Karuthi	Nyeri South	4AD	0	48	SP	HT	Chinga River	Weir	New	Fai, GOK	detailed Design
3	Gura Ugachiku	Nyeri South	4AD	0	60	SP	HT	Gura River	Weir	New	FAI, ESP, Gok	Financing
4	Wakiundu	Nyeri South	4AD	0	32	SP	HT	Mumwe River	Weir	New	Fai, Donors, GOK	Detailed Design
5	Kagongo	Nyeri South	4AD	0	40	SP	HT	River Stream	Weir	New	C, CDF, GOK	Detailed Design
6	Gichiche	Nyeri South	4AD	0	36	SP	HT	Chinga River	Pond	New	C, CDF, GOK	Detailed Design
7	Kairuthi	Nyeri South	4AD	0	30	SP	HT	Thuti River	Weir	New	C, CDF, GOK	Detailed Design
8	Thome Kihugiru	Nyeri South	4AD	0	30	SP	HT	Gikira River	Weir	New	C, CDF, GOK	Detailed Design
9	Kagonye	Nyeri South	4AD	0	30	SP	HT	Chinga Dam	Weir	New	GOK	Detailed Design
10	Kamoko	Nyeri South	4AD	0	36	SP	HT	Mumwe River	Weir	Extension	Farmers, GOK	Construction
11	Githiru	Nyeri Central	4AD	40	50	SP	HT	Gura River	Weir	2011	GOK	Complete
12	Ihwa	Nyeri Central	4AC	0	50	SP	HT	Zaina River	Weir	Extension	GOK	Construction
13	Riamukurwe	Nyeri Central	4AD	0	300	SP	N/A	Gura River	Weir	Extension	GOK	Construction
14	Wangi Kanuna	Nyeri Central	4AD	0	300	SP	N/A	Aboni River	weir	New	GOK	Detailed Design
15	Kihuyo	Nyeri Central	4AB	0	160	SP	N/A	Muringato River	Weir	New	GOK	Detailed Design
16	Thiha Cluster	Mukurweini	4BA	100	150	SP	HT	Thiha River	Weir	2010	Int. Donor	Complete
17	Gikondi	Mukurweini	4BA	0	100	SP	HT	Ruarai River	Weir	Extension	GOK	Complete
18	Kimondo	Mukurweini	4AB	0	200	SP	N/A	Gikira River	Weir	New	GOK	Financing
19	Iganjo	Mukurweini	4BA	0	50	SP	N/A	Gikira River	Weir	New	GOK	Detailed Design
20	Kaigunji	Tetu	4AC	0	400	SP	N/A	Gura River	Weir	New	GOK	Financing
21	Muhoya/Kimathi	Tetu	4AC	0	800	SP	N/A	Chania River	Weir	new	GOK	Detailed Design
22	Thiriku	Tetu	4AC	0	1,000	SP	N/A	Chania River	Weir	New	GOK	Detailed Design
23	Huho-ini	Tetu	4AC	0	1,000	SP	HT	Titie River	Weir	New	GOK	Planning
24	Gaaki/Aguthi	Tetu	4AC	0	1,000	SP	HT	Gura River	Weir	new	GOK	Investigation
25	Maragima	Kieni East	4AA	20	115	SP	HT, V	River Sagana	Weir	2007	D, GOK, CDF, FA	Financing
26	Mukamuka	Kieni East	4AA	35	50	SP	HT, V	River Sagana	Weir	New	FA/CDF/GOK	Financing
27	Ndiriti Aguthi	Kieni East	5AA BC	30	80	SP	HT, V	Naromoru River Dam	Earthdam	Extension	FA/Donors/GOK/	Financing
28	Mikumbune	Kieni East	5BC	20	70	SP	HT, V	Burguret River	Weir	Extension	D, GOK, CDF, FA	Financing
29	Ngonde-Gatei	Kieni East	4AA	20	50	SP	HT,V	Thegu River	Weir	Extension	D, GOK, FA	Financing
30	Mwichuri	Kieni East	5BA	60	120	SP	HT,V	Naromoru River	Weir	Extension	D, GOK, FA	Financing
31	Ngogithi	Kieni East	4AA	10	30	SP	HT, V	Nairobi	Weir	Extension	D, GOK, FA	Financing
32	NGK	Kieni East	5BC	20	60	SP	HT, V	Burguret River	Weir	Extension	D, GOK, FA	Financing
33	Gatune	Kieni East	5BC	60	120	SP	HT, V	Burguret River	Weir	Extension	D, GOK, FA	Financing
34	Kamangura	Kieni East	5BC	60	140	SP, DP	HT, V	Burguret River	Weir	Extension	D, GOK, FA	Financing
35	Kabendere	Kieni East	5BA	40	70	SP	HT, V	Narumoru River	Weir	Extension	D, GOK, FA	Financing
36	Lamuria	Kieni West	5BB	60	150	sp, Sur	HT, V	Uwasonyiro	Weir	2009	D/GOK/FA/CDF	Financing
37	Gatarakwa	Kieni West	5BB	30	70	SP	HT, V	Uwasonyiro	Weir	New	D/GOK/FA	Financing
38	Kazi Kazi	Kieni West	5BB	0	40	SP	HT,V	Uwasonyiro	Weir	New		Investigation
39	Mutitu B	Kieni West	5BB	10	30	SP	HT, V	Karemeno	Weir	Extension	D/GOK/FA	Financing
40	Watuka	Kieni West	5BB	40	60	SP	HT, V	Uwasonyiro	Weir	Extension	D/GOK/FA	Financing

Table 8.6 List of Existing and Proposed Small Scale Irrigation Schemes in Central Province in 2012 (2/7)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
41	Endarasha	Kieni West	5BB	30	80	SP	HT, V	Honi	Weir	Extension	D/GOK/FA	Financing
42	Muthagira	Kieni West	5BB	15	40	SP	HT, V	Spring	Weir	New	Donors/FA	Financing
43	Sagana	Mathira West	4AA	100	120	SP	HT, V	Sagana River	Weir	2011	GOK/C/CDF/AFW	Complete
44	Mutithia/Kirimukuyu	Mathira West	4AA	10	60	SP	HT, V	Muthira River	Weir	2012	GOK/C/CDF/EIP	Complete
45	Hika	Mathira West	4AA	10	40	SP	HT, V	Muthira River	Weir	Extension	GOK/CDF/C	Construction
46	Iruri	Mathira West	4AA	5	100	SP	HT, V	Sagana River	Weir	Extension	GOK/CDF/C/ESP	Financing
47	Kangocho	Mathira East	4BB	80	150	SP	HT, V	Ragati River	Weir	Extension	GOK/CDF/C	Construction
48	Upper Maguta	Mathira East	4BB	30	200	SP	HT, V	Ragati River	Weir	New	GOK/CDF/C	Construction
Total for Nyeri County				935	7,957							
Kirinyaga County												
1	Karia	Kirinyaga Central	4D	0	48	SP	HT, V	Rutui River	Weir	New	Farmers	Detailed Design
2	Kinyako	Kirinyaga Central	4D	0	60	SP	HT,V	Rutui River	Weir	2011	GOK, Farmers	Construction
3	Kaitheri	Kirinyaga Central	4D	0	130	SP	HT, V	Rutui River	Weir	New	Famers	Detailed Design
4	Kaguyu	Kirinyaga Central	4D	0	32	SP	HT, V	Rutui River	Weir	New	Farmers	Detailed Design
5	Kikanyo	Kirinyaga Central	4D	0	50	SP	HT, V	Spring	Weir	Extension	CDF, Farmers	Construction
6	Kigamu	Kirinyaga Central	4D	0	280	SP	HT, V	Ruiru River	Weir	New	Farmers	Investigation
7	Kiamuka	Kirinyaga Central	4D	0	140	SP	HT, V	Ruiru River	Weir	2004	LATF/CDF/FA	Construction
8	Miria	Kirinyaga Central	4D	40	56	SP	HT	Rufui	Weir	1996	GOK	Complete
9	Nduini	Kirinyaga Central	4D	400	400	SP	HT	Rufui	Weir	2004	GOK	Complete
10	Kanugu	Kirinyaga Central	4D	186	186	SP	HT	Rundu	Weir	2002	GOK/CDF/C	Complete
11	Kiranda	Kirinyaga Central	4D	150	250	SP	HT	Rundu	Weir	2006	CDF/LATF	Complete
12	Kimandi East	Kirinyaga Central	4D	150	200	SP	HT	Mukeria	Weir	2004	GOK/CDF/LATIF	Complete
13	Icere	Kirinyaga Central	4D	100	150	SP	HT	Icere	Weir	1998	GOK/CDF	Complete
14	Giagitura	Kirinyaga Central	4D	0	80	SP	HT	Ngiwe	Weir	New	GOK	Detailed Design
15	Mitooini	Kirinyaga South	4DA	0	202	SP	V/HT/W/F/M	Thiba	Weir	New	FA/GOK/KFW	Financing
16	Muika	Kirinyaga South	4DA	0	285	Surface	V/HT/W/F/M	Rupingazi	Weir	New	GOK	Financing
17	Kirimara	Kirinyaga South	4DA	0	275	Surface	V/HT/W/F/M	Nyamindi	Weir	new	GOK/CDF	Survey
18	Riagicheru	Kirinyaga South	4DA	0	405	Surface	V/HT/W/F/M	Nyamindi	Weir	New	FA/GOK	Investigation
19	Kitheru	Kirinyaga South	4DA	0	30	SP	V/HT/W/F/M	Gakuo	Weir	Extension	FA/GOK/CDF	Construction
20	Kiarukungu	Kirinyaga South	4DA	40	300	Surface	R/HT/W/F	Thiba	Weir	Extension	FA/D/GOK/CDF	Construction
21	Murinduko	Kirinyaga South	4DA	170	170	SP	V/HT/W/F/M	Rubingazi	Weir	2012	FA/KWF/ GOK	Complete
22	Kutus East	Kirinyaga South	4DA	71	71	SP	V/HT/W/F/M	Kiringa	Weir	2010	FA/GOK/KFW	Complete
23	Ngangati Ngomano	Kirinyaga South	4DA	20	60	SP, Surface	R/V/HT/W/F/M	Murubara	Weir	New	FA/GOK/CDF	Planning
24	Kukikiri	Kirinyaga South	4DA	0	20	SP, Surface	R/V/HT/W/F/M	Thiba	Weir	New	FA/D/GOK	Investigation
25	Kiamiciri	Kirinyaga East	4D	15	40	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
26	Thimugatu	Kirinyaga East	4D	25	100	SP	HT	Mukindu	Weir	Extension	Farmers	Financing
27	Gikumbo	Kirinyaga East	4D	15	65	SP	HT	Thiba	Weir	Extension	Farmers	Financing
28	Gatugura	Kirinyaga East	4D	10	70	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
29	Kii-murinduko	Kirinyaga East	4D	15	100	SP	HT	Kii	Weir	Extension	Farmers	Financing
30	Gatu	Kirinyaga East	4D	14	25	SP	HT	Mukindu	Weir	Extension	Farmers	Financing
31	Kaguma	Kirinyaga East	4D	14	14	SP	HT	Kiringa	Weir	Extension	FA/CDF	Financing

Table 8.6 List of Existing and Proposed Small Scale Irrigation Schemes in Central Province in 2012 (3/7)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
32	Kamweti	Kirinyaga East	4D	10	30	SP	HT	Kamweti	Weir	Extension	Farmers	Financing
33	Rukenya	Kirinyaga East	4D	100	240	Surface	HT	Thiba	Weir	Extension	Farmers	Financing
34	Kiathi	Kirinyaga East	4D	40	60	SP	HT	Thiba	Weir	Extension	Farmers	Financing
35	Muchungwa	Kirinyaga East	4D	30	80	SP	HT	Kamweti	Weir	Extension	Farmers	Financing
36	Kiura Muchiri	Kirinyaga East	4D	20	50	SP	HT	Kamweti	weir	Extension	Farmers	Financing
37	Kianderi	Kirinyaga East	4D	30	70	SP	HT	Thiba	Weir	Extension	Farmers	Financing
38	Mukindu	Kirinyaga East	4D	50	80	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
39	Miruri	Kirinyaga East	4D	50	80	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
40	Ribaru	Kirinyaga East	4D	40	50	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
41	Kiritiini/Mikarara	Kirinyaga East	4D	60	100	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
42	Nganduiri	Kirinyaga East	4D	30	70	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
43	Ngiroche	Kirinyaga East	4D	20	50	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
44	Nduguini	Kirinyaga East	4D	7	80	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
45	Mburi	Kirinyaga East	4D	20	40	SP	HT	Mbiri	Weir	Extension	Farmers	Financing
46	Kamweti/Karumandi	Kirinyaga East	4D	6	80	SP	HT	Kamweti	Weir	Extension	Farmers	Financing
47	Kariru	Kirinyaga East	4D	30	50	SP	HT	Kamweti	Weir	Extension	Farmers	Financing
48	Karumandi	Kirinyaga East	4D	45	60	SP	HT	Kamweti	Weir	Extension	Farmers	Financing
49	Kathare	Kirinyaga East	4D	30	50	SP	HT	Kathegerwe	Weir	Extension	Farmers	Financing
50	Kathegerwe	Kirinyaga East	4D	15	30	SP	HT	Kathegerwe	Weir	Extension	Farmers	Financing
51	Kiangurwe	Kirinyaga East	4D	45	60	SP	HT	Thiba	Weir	Extension	Farmers	Financing
52	Kianjagi	Kirinyaga East	4D	22	30	sp	HT	Kariru	Weir	Extension	Farmers	Financing
53	Kimweya	Kirinyaga East	4D	18	30	SP	HT	Kariru	Weir	Extension	Farmers	Financing
54	Kombuini	Kirinyaga East	4D	22	40	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
55	Mutige/Gatu	Kirinyaga East	4D	52	60	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
56	Ngungu	Kirinyaga East	4D	40	50	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
57	Rupingazi	Kirinyaga East	4D	40	60	SP	HT	Rupingazi	Weir	Extension	Farmers	Financing
58	Thuiya	Kirinyaga East	4D	30	40	SP	HT	Rupingazi	Weir	Extension	Farmers	Financing
59	Kunyotoka	Kirinyaga East	4D	60	60	SP	HT	Kiringa	Weir	2001	Farmers	Complete
60	Kabingara	Kirinyaga East	4D	20	50	SP	HT	Thiba	Weir	Extension	Farmers	Financing
61	Kiandunyu	Kirinyaga East	4D	15	60	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
62	Mwihotori	Kirinyaga East	4D	20	75	SP	HT	Thiba	Weir	Extension	Farmers	Financing
63	Muthuaini	Kirinyaga East	4D	15	60	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
64	Njiine Falls	Kirinyaga East	4D	0	50	SP	HT	Mukegeria	Weir	Extension	Farmers	Financing
65	Riakaruria	Kirinyaga East	4D	12	30	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
66	Kabuga	Kirinyaga East	4D	10	30	SP	HT	Kabuga	Weir	Extension	Farmers	Financing
67	Kikange	Kirinyaga East	4D	5	28	SP	HT	Mukindu	Weir	Extension	Farmers/CDF	Financing
68	Mumako	Kirinyaga East	4D	0	40	SP	HT	Kiringa	Weir	Extension	Farmers/CDF	Financing
69	Jukumutige	Kirinyaga East	4D	0	60	SP	HT	Kiringa	Weir	Extension	Farmers/CDF	Financing
70	Ngerwe	Kirinyaga East	4D	0	100	SP	HT	Igenda Bora	Weir	New	Farmers	Feasibility Study
71	Rungeto	Kirinyaga East	4D	0	80	SP	HT	Igenda Bora	Weir	New	Farmers	Feasibility Study
72	Thirikwa	Kirinyaga East	4D	0	75	SP	HT	Nyamindi	Weir	New	Farmers	Feasibility Study

Table 8.6 List of Existing and Proposed Small Scale Irrigation Schemes in Central Province in 2012 (4/7)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
73	Kanjuu	Kirinyaga East	4D	0	120	SP	HT	Kamweti	Weir	New	Farmers	Feasibility Study
74	Kandiu	Kirinyaga East	4D	0	120	SP	HT	Kamweti	Weir	Extension	KFW/Farmers	Financing
75	Nyangeni	Kirinyaga East	4D	0	95	SP	HT	Nyamindi	Weir	New	Farmers	Feasibility Study
76	Ngiriambu	Kirinyaga East	4D	0	110	SP	HT	Kiringa	Weir	New	Farmers	Feasibility Study
77	Kabari	Kirinyaga East	4D	0	105	SP	HT	Karithathi	Weir	New	Farmers	Feasibility Study
78	Rwambiti	Kirinyaga East	4D	0	60	SP	HT	Kamweti	Weir	Extension	Farmers	Financing
79	Kabingara	Kirinyaga East	4D	0	50	sp	HT	Kamweti	Weir	Extension	Farmers	Financing
80	Corobeya	Kirinyaga East	4D	0	50	SP	HT	Kiringa	Weir	Extension	Farmers	Financing
81	Mbiruini	Kirinyaga East	4D	0	60	SP	HT	Kii	Weir	Extension	Farmers	Financing
82	Kiithumbu	Kirinyaga West	4BC	59	59	SP	HT	Rwamuthambi	Weir	2011	KFW/Farmers Loan	Complete
83	Kibirigwi	Kirinyaga West	4B	80	110	SP	HT	Ragati River	Weir	1980	GOK	Complete
84	Wakulima	Kirinyaga West	4B	15	15	SP	HT	Kanyiriri River	Weir	2007	GOK/Farmers	Complete
85	Kiangai	Kirinyaga West	4B	0	100	SP	HT	Ragati River	Weir	New	CDF/Farmers	Feasibility Study
86	Gichuguini	Kirinyaga West	4B	0	10	SP	HT	Kibirigwi	Weir	Extension	Farmers	Financing
87	Kiamuguongo	Kirinyaga West	4B	0	100	SP	HT	Ragati River	Weir	New	Farmers	Feasibility Study
88	Mwihoti	Kirinyaga West	4BC	25	25	SP	HT	Rwamuthambi	Weir	2006	Farmers	Complete
89	Kibaratani	Kirinyaga West	4BC	20	20	SP	HT	Rwamuthambi	Weir	2006	CDF/Farmers/GOK	Complete
90	Wakigo	Kirinyaga West	4B	20	84	SP	HT/Rice	Ragati River	Weir	2010	GOK/CDF/FA	Construction
91	Kianjiru	Kirinyaga West	4BC	0	30	SP	HT	Rundu River	Weir	Extension	GOK/CDF/FA	Financing
92	Karuiru	Kirinyaga West	4B	0	50	SP	HT	Ragati River	Weir	Extension	GOK/CDF/FA	Financing
93	Kamwaki	Kirinyaga West	4B	5	10	SP	HT	Kanyiriri River	Weir	New	GOK/CDF/FA	Feasibility Study
94	Kimucu	Kirinyaga West	4B	0	30	SP	HT	Rwaithanga River	Weir	Extension	GOK/CDF/FA	Financing
Total for Kirinyaga County				2,718	8,225							
Murang'a County												
1	Mukurwe Mweru	Murang'a East	4BD	0	200	SP	HT	Mathioya North River	Weir	New	N/A	Financing
2	Kiangage	Murang'a East	4BD	0	200	SP	HT	Mathioya South River	Weir	New	N/A	Investigation
3	Muchungucha	Murang'a East	4BE	0	200	SP	HT	Maragua River	Weir	New	N/A	Investigation
4	Mukurwe Wa Nyaga	Murang'a East	4BD	0	200	SP	HT	Maragua River	Weir	New	GOK/C/ESP/EIP	Financing
5	Mirira	Murang'a East	4BE	0	100	SP	HT	Maragua River	Weir	New	N/A	Investigation
6	Githuri	Murang'a East	4BD	0	100	SP	HT	Rutune River	Weir	New	N/A	Investigations
7	Thathawa	Murang'a East	4BC	25	70	SP	HT	Sagana River	Weir	2005	GOK/CDF/C	Construction
8	Gacharu	Murang'a East	4BE	20	20	SP	HT	Maragua River	Weir	2007	GOK/CDF/C	Construction
9	Gikindu	Murang'a East	4BE	30	60	SP	HT	Maragua River	Weir	2007	GOK/CDF/C	Construction
10	Kimathi	Murang'a East	4BC	0	80	SP	HT	Rutune River	Weir	2007	GOK/CDF/C	Financing
11	Gaitega	Murang'a East	4BE	0	60	SP	HT	Kayahwe River	Weir	N/A	CDF/C	Financing
12	Mbagiki	Kahuro	4BE	0	100	SP	HT	Kayahwe River	Weir	New	CDF/C	Investigation
13	Gakaki	Kahuro	4BE	60	70	SP	HT	Muriuriu River	Weir	1994	GOK/CDF/C	Construction
14	Kiamboka	Kahuro	4BE	30	40	SP	HT	Muriuriu River	Weir	2007	GOK/CDF/C	Construction
15	Gathinja	Kahuro	4BD	0	100	SP	HT	Boyo River	Weir	New		Investigation
16	Kahuti	Kahuro	4BD	0	200	SP	HT	Mathioya South River	Weir	New		Investigation
17	Wakio	Kahuro	4BE	0	200	SP	HT	Kayahwe River	Weir	2012		Investigation

Table 8.6 List of Existing and Proposed Small Scale Irrigation Schemes in Central Province in 2012 (5/7)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
18	Gakima	Kahuro	4BE	0	200	SP	HT	Maragua River	Weir	2012		Investigation
19	Mirichu/Murika	Kahuro	4BE	0	400	SP	HT	Maragua River	Weir	2010	GOK/C	Construction
20	Ititu-Kundu	Murang'a South	4BE	30	60	SP	HT	Maragua River	Weir	Extension	GOK/C/ESP	Detailed Design
21	Karathe Tharathe	Murang'a South	4BF	15	20	Surface	HT	Thara River	Weir	2009	GOK/C	Detailed Design
22	Muragua Ridge	Murang'a South	4BE	0	250	SP	HT	Maragua River	Weir	New	GOK/C	Feasibility Study
23	Samar	Murang'a South	4BE	0	160	SP	HT	Maragua River	Weir	New	GOK/C	Feasibility Study
24	Iharu	Kigumo	4BE	0	20	SP	HT/V	Kanyiriri River	Weir	New	GOK/C	Financing
25	Kimakia Ng'aragu	Kigumo	4BE	5	24	SP	HT/V	Sabasaba River	Weir	2012	GOK/C	Construction
26	Kamiraba	Kigumo	4BE	0	10	SP	HT/V	Gacharage River		New		Survey & Design
27	Kiahigaini	Kigumo	4BE	0	15	SP	HT/V	Mutoho River	Weir	New		Investigation
28	Kaki	Kigumo	4BE	0	16	sp	HT/V	Sabasaba River	Weir	New		Investigation
29	Thangaini	Kigumo	4BE	6	10	SP	HT/V	Thangaini River	Weir	2006	GOK, C	Construction
30	Nyanjigi	Kangema	4BD	0	200	SP	HT	Mathioya South River	Weir	New	GOK/ENIP/ESP	Construction
31	Kanyenyaini (CBO)	Kangema	4BD	0	76	SP	HT	Mathioya South River	Weir	New	GOK	Investigation
32	Gacharagu	Kangema	4BD	0	12	SP	HT	Mukungai River	Weir	New	GOK	Investigation
33	Gikui	Kangema	4BD	0	28	SP	HT	Mathioya River	Weir	New	GOK	Investigation
34	Kaihi	Kangema	4BD	0	28	SP	HT	Mathioya River	Weir	New	GOK	Investigation
35	Riakomo/Thika Ridge	Gatanga	4CB	0	130	SP	HT	Thika River	Weir	Extension	GOK	Construction
36	Iria	Gatanga	4CB	0	56	SP	HT	Iria Stream	Weir	New	GOK	Detailed Design
37	Dakaini/Wanduhi	Gatanga	4CA4	0	180	SP	HT	Kimakia River	Weir	New	GOK	Detailed Design
38	Gathwariga	Gatanga	4CB	0	46	SP	HT	Gathwariga Stream	Weir	New	GOK	Feasibility Study
39	Kieni/Gathugu	Kandara	4CB	28	33	SP	HT/V	Makindi River	Weir	New	GOK/C	Detailed Design
40	Kianguni	Kandara	4CB	20	20	SP	HT/V	Ruchu River	Weir	2003	British/C	Complete
41	Gatundu	Kandara	4CB	14	28	SP	HT/V	Kiriciugu River	Weir	2006	GOK/C	Complete
42	Boboti/Kiamande	Kandara	4CD	5	30	Sp	HT/V	Boboti River	Weir	2004	GOK/C	Complete
43	Marigu	Kandara	4CC	0	25	SP	HT/V	Makindi River	Weir	New	GOK/C	Detailed Design
44	Mucika	Kandara	4CB	0	25	SP	HT/V	Boboti River	Weir	New	GOK/C	Identification
45	Mugiki	Kandara	4CB	0	25	SP	HT/V	Thika River	Weir	New	GOK/C	Investigation
46	Kioneki	Kandara	4BE	0	100	SP	HT/V	Irati River	Weir	New	GOK/C	Feasibility Study
47	Kamahiga	Kandara	N/A	0	30	SP/Drip	HT/V	Ground Water	BH/PH	New	GOK/C	Feasibility Study
48	Gakoe	Mathioya	4BD	0	280	SP	HT	Mathioya River	Weir	New	GOK/Farmers	Financing
49	Karuga	Mathioya	4BD	0	3	SP	HT	Mathioya River	Weir	New	GOK/ESP/EIP	Detailed Design
50	Witeithie	Mathioya	4BD	0	8	SP	HT	Mathioya River	Weir	New	GOK	Detailed Design
51	Gikindu Kandabibi	Mathioya	4BD	0	60	SP	HT	Thuguthuru River	Weir	New	GOK	Construction
Total for Murang'a County				288	4,608							
Nyandarua County												
1	Baraka	Nyandarua Central	2GB	0	40	SP	HT	ajor Dam & Kaibaga Riv	Pond & Pump	2009	GOK	Construction
2	Muthaiti	Nyandarua Central	2GB	0	30	Drip	HT	orehole & Kaibaga Rive	Pump	2009	GOK	Detailed Design
3	Gatrwa Evergreen	Nyandarua Central	2GB	0	20	Drip	HT	Kaibaga River	Pond & Pump	2009	GOK	Detailed Design
4	Plot 11	Mirangine North	2GB	0	20	Drip	HT	orehole & Nyairoko Riv	Pump	2009	GOK	Detailed Design
5	Rusama (Kariko) Drainage	Mirangine North	2GB	0	600	N/A	HT	Nyairoko River	Open Channel	New	GOK	Detailed Design/FS

Table 8.6 List of Existing and Proposed Small Scale Irrigation Schemes in Central Province in 2012 (6/7)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
6	Chuma Umoja	Nyandarua South	2G	0	97	SP	HT	Water Harvesting	Weir	New	GOK/C	Survey & Design
7	Kahuru/Mutiini Drainage	Nyandarua South	2G	0	100	SP	HT	Water Harvesting	Weir	New	GOK/C	Survey
8	Mbaruk	Nyandarua South	2G	0	63	SP	HT	Water Harvesting	Weir	New	GOK/C	Financing
9	Karuangi Upper	Kinangop	4CA4	0	90	SP	HT	Water Harvesting	Weir	2012	GOK/C	Complete
10	Haki	Nyandarua North	5AB	4	80	SP	HT	Pesi River	Weir	Extension	GOK/C	Financing
11	Muthuri	Nyandarua North	5AB	2	19	SP	V	Pesi River	Weir	New	GOK/C	Detailed Design
12	Kwendana Gathanji Kiambo	Nyandarua North	5AB	0	70	SP	N/A	Pesi River	N/A	New	GOK/C	Planning
13	Kirimara Ngamini	Nyandarua North	5AD	32	40	Surface	HT	Kirimara River	Weir	2009	GOK/C	Construction
14	Wihote	Nyandarua North	5AB	12	15	SP	HT	Small Pesi River	Weir	1994	GOK/C	Construction
15	Kiambogo	Nyandarua North	5AB	10	15	SP	HT	Small Pesi River	Weir	1996	GOK/C	Construction
16	Mwihoko Githima	Nyandarua North	5AB	0	14	SP	N/A	Pesi River	Weir	New	GOK/C	Construction
17	Baari Drainage	Nyandarua North	5AA	3	1,500	Drainage		Maize, Beans	Flood Water	New	Community	Financing
18	Lower Sunjui	Nyandarua West	4AD	14	20	SP/Drip	HT	Springs Water	Weir	Extension	GOK/Comm	Financing
19	Gatumbiro Drainage	Nyandarua West	5AA	4	2,000	Drainage	M, B	Flood Water	N/A	New	GOK/Comm	Investigation
20	Kasuku Drainage	Nyandarua West	5AA	5	4,000	Drainage	M, B	Flood Water	N/A	New	GOK/Comm	Investigation
21	Kega	Kipipiri	2G	0	100	SP	HT	Kinungu River	Weir	New	GOK/Comm	Detailed Design
22	Githima	Kipipiri	2G	0	120	SP	HT	Gatondo Stream	Water Harvesting	New	GOK/Comm	Detailed Design
23	Ndinda	Kipipiri	2G	0	36	SP	HT	Gitei River	Weir	Extension	GOK/Comm	Financing
24	Kinungu	Kipipiri	2G	0	200	SP	HT	Kinungu River	Weir	Extension	GOK/C/ESP/EIP	Financing
25	Mbiriti	Kipipiri	2G	0	80	SP	HT	Gachangura River	Weir	New	GOK/Comm	Detailed Design
Total for Nyandarua County				86	9,369							
Kiambu County												
1	Njoro	Kiambu East	3BA	3	25	SP	HT	Ruaka River	Weir	Extension	GOK	Financing
2	Njiku	Kiambu East	3BA	40	320	DP	HT	Ruaka River	Weir	Extension	GOK	Financing
3	Njuno	Kiambu East	3BD	2	25	DP	HT	Riara River	Weir	Extension	GOK	Financing
4	Komo	Thika West	3CB6	0	120	SP/Drip	HT	Thika River	Weir	Extension	GOK/KKV	Construction
5	Kiaora	Thika West	3CB7	0	840	SP/Drip	HT/BN	Ndarugu River	Weir	New	GOK	Construction
6	Nyacaba-Kimuchu	Thika West	3CB6	0	0	SP/Drip	HT/BN	Ndarugu River	Weir	New	GOK	Identification
7	Juja Farm	Thika West	3CB6	0	0	N/A	N/A	Ndarugu River	Weir	New	GOK	Identification
8	Ndula/Magogoni	Thika East	4CB7	0	320	SP/Drip	HT/V	Thika River	Weir	Extension	GOK	Financing
9	Rubiru	Thika East	4CB7	23	23	SP/Hpipe	HT	3 Springs	Spring Box	2009	GOK	Complete
10	Ndurumo	Ruiru	3BC12	0	70	SP/Drip	HT	Ruiru River	Weir	New	GOK	Investigation
11	Kwihota	Ruiru	3BC12	0	100	SP/Drip	HT	Ruiru River	Weir	New	GOK	Detailed Design
12	Karine	Kikuyu	3BA	2	12	Drip/SP	HT	Mbagathi River	Weir/Pump	New	GOK/NGO/Comm.	Financing
13	Rugita	Kikuyu	3BA	8	20	SP/Drip	HT	Rungiri Dam	Pump	New	GOK/NGO	Financing
14	Wamoro IWUA	Kikuyu	2H	0	40	Drip	HT	Ground Water	B/H & Pump	Extension	GOK/NGO/CDF	Financing
15	Riu-Great Vision IWUA	Kikuyu	2H	2	25	Drip	HT	Ground Water	B/H & Pump	New	GOK/NGO/CDF/C	Financing
16	Kerwa Drainage	Kikuyu	2H	20	170	Drip/SP	HT	Water Harvesting	Dam & Pump	New	GOK/Comm.	Detailed Design
17	Gitangu Gully Drainage	Kikuyu	3BA	2	20	Drip/SP	HT, Maize	Water Harvesting	Pump	New	GOK/CDF/F/EIP	Financing
18	Gakoe	Githunguri	3BC	0	40	SP	V	Mukuyu River	Pump	New	GOK/COMM.	Investigation
19	Githiga	Githunguri	3BB	0	50	SP	V	Kamiti River	Weir	New	GOK/COMM.	Investigation

Table 8.6 List of Existing and Proposed Small Scale Irrigation Schemes in Central Province in 2012 (7/7)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
20	Gatina Horticulture	Githunguri	3BB	20	0	SP	V	Kamiti River	Weir	New	GOK/C/ESP/EIP	Construction
21	Ithanji	Limuru	3BC	0	120	SP/Drip	FI	Ground Water	Pump	New	GOK/Comm.	Detailed Design
22	Kiwaroga	Limuru	3BC	0	50	Bucket/SP	HT	Ground Water	Pump	New	GOK/Comm.	Detailed Design
23	Redhill	Limuru	3BC	0	300	SP/Drip	FI	Ground Water	Pump	New	GOK/Comm.	Detailed Design
24	Ngecha	Limuru	3BC	0	180	Drip/B	HT	Ground Water	Pump	New	GOK/Comm.	Detailed Design
25	Kabuku	Limuru	3BC	0	80	Drip/B	HT	Mwokeke River	Pump	New	GOK/Comm.	Detailed Design
26	Makutano	Limuru	3BC	0	250	Drip/B	HT	Ground Water	Pump	New	GOK/Comm.	Detailed Design
27	Thigio	Limuru	2H	0	200	Drip	HT	Ground Water	WH	New	GOK/Comm.	Detailed Design
28	Ruabura	Gatundu South	3CB & 3BD	0	2,000	SP	HT	Ruabura & Thirika River	Weir	New	GOK/ENIP/ESP	Investigation
29	Munyaka	Gatundu South	3CB	0	120	SP	HT	Ruabura River	Weir	Extension	GOK	Financing
30	Magawa	Gatundu South	3BD	0	60	SP	HT	Marigoiti Strean	Weir	New	GOK	Detailed Design
31	Muroiga	Gatundu South	3CB	0	100	SP	HT	Rwabura River	Weir	New	GOK	Investigation
32	Kamuka	Gatundu South	3BC	0	60	SP	HT	Komothai River	Weir	Extension	GOK/ENIP/ESP	Financing
33	Nyamuku	Gatundu North	3CB	0	70	SP	HT	Ndarugo River	Weir	Extension	GOK	Financing
34	Muirigo	Gatundu North	4CA	0	120	SP	HT	Kariminu River	Weir	New	GOK	Detailed Design
35	Kamwamba	Gatundu North	3CB	0	100	SP	HT	Ndarugo River	Weir	New	GOK	Investigation
36	Nyakangema	Gatundu North	4CA	0	100	SP	HT	Kariminu River	Weir	New	GOK	Investigation
37	Mbau-ini	Lari	2H	0	40	Drip/SP	HT	WH/Mbako River	Weir	New	GOK/Comm.	Investigation
38	Escapment	Lari	2H	0	40	Drip/SP	HT	Water Harvest	Weir	New	GOK/Comm.	Investigation
39	Gitithia	Lari	2H	0	30	Drip	HT	Water Harvest	WH	New	GOK/Comm.	Investigation
40	Kairia	Lari	2H	1	4	Drip/SP	HT/F	Kairia Spring	Gravity	New	GOK/Comm.	Investigation
41	Bathi	Lari	3BC	0	14	Drip/SP	HT	Bathi River	Pump	New	GOK/Comm.	Investigation
42	Githirioni	Lari	3BC	0	10	SP	HT	Githogoyo River	PUMP	New	GOK/Comm.	Investigation
43	Kirenga	Lari	3BC	0	30	SP/Drip	HT/F	Bathi River	Pump	New	GOK/Comm.	Investigation
44	Uplands	Lari	3BC	0	50	Drip	F/HT	Water Harvest	WH	New	GOK/Comm.	Investigation
45	Gachoire	Lari	3BC	0	20	Drip/SP	HT	Nduriri Stream	Pump	New	GOK/Comm.	Investigation
46	Mbariki-Karaya	Lari	3BC	1	30	Drip/SP	F/HT	Karatina Stream	Gravity	Extension	GOK/Comm.	Financing
47	Githoito-Muiri	Lari	3BC	3	24	Drip/SP	HT	Githoito River	Gravity	Extension	GOK/Comm.	Financing
48	Kiruiru	Lari	3BC	0	20	SP/Drip	HT	Kiruiru Stream	Gravity	New	GOK/Comm.	Feasibility Study
49	Chiboni-Kabacha	Lari	3BC	0	15	SP	HT	Kiruiru Stream	Gravity	Extension	GOK/Comm.	Financing
50	Mwenji	Lari	3BC	2	30	SP	HT	Thugumi Stream	Weir	New	GOK/Comm.	Financing
51	Kinale	Lari	3BC, 3BD	0	100	SP/Drip	F/HT	Water Harvest	Pump	New	GOK/Comm.	Investigation
Total for Kiambu County				129	6,587							
Grand Total for Central Province				4,156	36,746							

Source: Data from PIO and DIO in Central Province

Remarks:

Intake Facility: W = Diversion weir, WH = Water Harvesting

Irrigation: B = Bucket, Dp = Drip, P = Pipe, Sp = Sprinkler, Surface = Surface Irrigation

Crop: B = Beans, F = Fruit, HT = Horticulture, M = Maize, R = Rice, V = Vegetables, W = Water melon,

Budget: D = International Donor, F = Farmer, GOK = Government of Kenya

Status: DD = Detailed design, Fi = Financing, FS = Feasibility study, I = Investigation, P = Planning, S = Survery

Table 8.7 List of Existing and Proposed Small Scale Irrigation Schemes in Eastern Province in 2012 (1/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Embu County												
1	Kanga	Embu West		0	200	Sp		Thambana River	Weir	2015		No funds
2	Kevote	Embu West		0	100					2020		No funds
3	Kithimu-Kithegi	Embu West		0	200	Sp		Rupingazi River	Weir	2015		No funds
4	Nembure	Embu West		0	100					2030		No funds
5	Rutune-Kuramukka	Embu West		0	50	Sp		Karutune River	Weir			No funds
6	Lower Kithegi	Embu West		0	50			Ena River		2013		No funds
7	Kibugu Nguviu	Embu West		0	50		Hort. Crops	Rupingazi River	Weir		GOK/Comm	Requires Funding
8	Gatene	Embu West		0	50		Hort. Crops	Rupingazi River	Weir		GOK/Comm	Proposed
9	Gichangai	Embu West		0	50		Hort. Crops	Gichangai River	Weir		GOK/Comm	Requires Funding
10	Itabua Muthatari	Embu West		0	210	Sp	Hort. Crops	Rupingazi River	Weir		GOK/Comm	Requires Funding
11	Runga	Embu West		0	200	Sp	Hort. Crops	Nyanjara River	Weir		GOK/Comm	Requires Funding
12	Tiende Kietheru	Embu West		0	30	SP	Hort. Crops	Kamuraru River	Weir		GOK/Comm	Requires Funding
13	Runyejes Constituency	Embu East		0	1,000	Sp	HT	Thuci River	Weir	N/A	NIB	No funds
14	Kaagari	Embu East		0	2,000	SP	Hort. Crops	Ena River	Weir		GOK/Comm	Requires Funding
15	Iriari	Embu East		0	50	SP	Hort. Crops	Thuci River	Weir		GOK/Comm	Requires Funding
16	Kanthitu	Embu East		0	50	SP	Hort. Crops	Ena River	Weir		GOK/Comm	Requires Funding
17	Kigumo Njuri	Embu East		0	250	SP	Hort. Crops	Thuci River	Weir		GOK/Comm	Requires Funding
18	Kariru	Embu East		0	50	SP	Hort. Crops	Thuci River	Weir		GOK/Comm	Requires Funding
19	Mulachake	Mbeere North		0	30	SP	Hort. Crops	Thuci River	Weir		GOK/Comm	Requires Funding
20	Kiambindu	Mbeere North		0	300	SP	Hort. Crops	Thuci River	Weir		GOK/Comm	Requires Funding
21	Mashamba	Mbeere South		0	200	SP	Hort. Crops	Rupingazi River	Weir		GOK/Comm	Requires Funding
22	Mukui	Mbeere South		0	200	SP	Hort. Crops	Rupingazi River	Weir		GOK/Comm	Requires Funding
Total for Embu County				0	5,420							
Isiolo County												
1	Merti	Isiolo		0	200	Pipe	HT	Borehole River	Pump		GOK	
2	Gubadida	Garbatulla		0	20	Surface	Hort. Crops	Milla Springs	Weir	2007	MWI	
3	Gafarsa	Garbatulla		0	250	SP	Hort. Crops	Ewaso N'giro River	Weir		GOK/Comm	Requires Funding
4	Rapsu	Garbatulla		0	150	SP	Hort. Crops	Bisanadi River	Weir		GOK/Comm	Requires Funding
5	Kinna	Garbatulla		0	150	SP	Hort. Crops	Kinna River	Weir		GOK/Comm	Requires Funding
6	Malkadaka	Garbatulla		0	80	SP	Hort. Crops	Ewaso N'giro River	Weir		GOK/Comm	Requires Funding
7	Darajani	Garbatulla		0	20	SP	Hort. Crops	Kiina River	Weir		GOK/Comm	Drawing and Design
Total for Isiolo County				0	870							
Kitui County												
1	Usueni Kiluma	Larger Mwingi	Tana	0	600	Sp	V	Tana River	Weir		WVI/MWI	F/S
2	Wikithuki	Larger Mwingi	Tana	0	3,205	Sp	V	Tana River	Weir		Church/MWI	F/S
3	Thaana Nzau	Larger Mwingi	Tana	0	80	Surface	V	Tana River	Pump	2011/12	MWI	F/S
4	Kyeni Kya Mulata Utunda	Larger Mwingi	Tana	0	12	Surface	V	Tana River	Pump	2011/12	MWI	F/S

Table 8.7 List of Existing and Proposed Small Scale Irrigation Schemes in Eastern Province in 2012 (2/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
5	Kaumoni	Larger Mwingi	Tana	0	25	Surface	V	River	Dam+Pump	2011/12	MWI	F/S
Total for Kitui County				0	3,922							
Machakos County												
1	Kalie Kauti	Kathian/Mwala	Athi	0	65	Surface	HT	Wandathe River	Weir	N/A	GOK	
2	Kamu	Kathian/Mwala	Athi	0	200	Surface	HT	Athi River	Weir	N/A	GOK	
3	Wendano Drip	Mutungulu	Athi	0	16	Drip	HT	DAM	Dam+Pump		GOK	To be funded
4	Kiboko-Uamani	Mutungulu	Athi	0	200	Sp	HT	Athi River	Weir		GOK	To be funded
5	Kayatta	Mutungulu	Athi	120	120	Sp	HT	Athi River	Weir	2007	IFAD	completed
6	Kayatta Etension	Mutungulu	Athi	0	80	Sp	HT	Athi River	Weir	N/A		To be funded
7	Mithini	Mutungulu	Athi	80	80	Sp	HT	Athi River	Weir	2011	GOK	comleted
8	Upper Mannza	Mutungulu	Athi	5	80	Drip	HT	Borehole	pump	2011	GOK	comleted
9	katulu	Mutungulu	Athi	0	16	Drip	HT	DAM	Dam+Pump		GOK	To be funded
10	Munyu mweu	Mutungulu	Athi	0	16	Drip	HT	DAM	Dam+Pump			To be funded
11	Kwa kiluli	Kangundo	Athi	0	16	Drip	HT	DAM	Dam+Pump	2012	NIB	Under construction
12	Katine valley	Kangundo	Athi	11	16	Drip	HT	Weirs	Dam+Pump	2012	GOK	Under construction
13	Katiwa	Kangundo	Athi	0	16	Drip	HT	DAM	Dam+Pump			To be funded
14	Kamuthambya	Yatta	Tana	0	200	Surface		Athi River	Weir		GOK	
15	Iviani	Yatta	Tana	0	2	Drip		River	Inttake			
16	Kauthulini	Yatta	Tana	0	172	Surface		Yatta furrow	Weir			
17	Kithendu B	Yatta	Tana	0	80	SP	Hort. Crops	Yatta furrow	Weir		GOK/Community	Requires Funding
18	Katathi	Yatta	Tana	0	20	SP	Hort. Crops	Athi River	Weir		GOK/Community	Requires Funding
19	Ndasco	Yatta	Tana	0	120	SP	Hort. Crops	Thika River	Weir		GOK/Community	Requires Funding
20	Mavia Tatu	Yatta	Tana	0	50	SP	Hort. Crops	Yatta furrow	Weir		GOK/Community	Requires Funding
21	Katangi Ikombe Drip	Yatta	Tana	0	30	Drip	Hort. Crops	Dams	Weir		GOK/Community	Under Construction
22	Ndalani	Masinga	Tana	0	20	Drip	T/HT	River	Pond+Pump	2015	GOK	under funding
23	Wendano	Masinga	Tana	0	10	Drip	T/HT	River	Pond+Pump	2015	GOK	under funding
24	Milulini	Masinga	Tana	0	10	Drip	T/HT	River	Pond+Pump	2015	GOK	under funding
25	Katetu	Masinga	Tana	0	10	Drip	T/HT	River	Pond+Pump	2015	GOK	under funding
26	Kivaa	Masinga	Tana	0	10	Drip	T/HT	River	Pond+Pump	2015	GOK	under funding
27	Ndithini	Masinga		0	1,200	Sp	T/HT	Tana River	Pond+Pump	2030	GOK	under funding
28	Nzukini	Masinga		0	500	SP	Hort. Crops	Thika River	Weir		GOK/Community	Drawing and Design
29	Kiboko-Uamani	Matungulu		0	80	SP	Hort. Crops	Athi River	Weir		GOK/Community	Requires Funding
30	Ndethye Nitethye	Mwala		0	121	SP	Hort. Crops	Athi River	Weir		GOK/Community	Requires Funding
31	Malakwe SHG	Mwala		0	125	SP	Hort. Crops	Thwake River	Weir		GOK/Community	Requires Funding
32	Muthwani	Mwala		0	500	SP	Hort. Crops	Thwake River	Weir		GOK/Community	Requires Funding
33	Ngulini	Mwala		0	200	SP	Hort. Crops	Athi River	Weir		GOK/Community	Requires Funding
34	Kaninie Cluster	Mwala		0	30	SP	Hort. Crops	Athi River	Weir		GOK/Community	Requires Funding
35	Grorius SHG	Mwala		0	20	Drip	Hort. Crops	Athi River	Weir		GOK/Community	Requires Funding

Table 8.7 List of Existing and Proposed Small Scale Irrigation Schemes in Eastern Province in 2012 (3/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Total for Machakos County				216	4,431							
Makueni County												
1	Kanyai Nthongoni	Makueni	Athi	0	200						GoK	
2	Kithaayoni	Makueni	Athi	0	25	Dp	V	River	Pond	2011/12	GoK	
3	Isyukoni	Mbooni East		0	10	Sp	HT	Spring	Weir			Feasibility study
4	Ivumbu	Mbooni West		0	12	Sp	HT	Ngaa River	Weir		GOK	Designed
5	Yikitaa	Kibwezi	Athi	0	400			Athi River	Weir			
6	Woni Wa Matwiku	Kilungu		0	150	SP	Hort. Crops	Ndolo Valley Springs	Weir		GOK/Community	Drawing and Design
7	Mbale	Kilungu		0	10	Drip	Hort. Crops	Ndolo Valley Springs	Weir		GOK/Community	Requires Funding
8	Kanyai Nthongoni	Kilungu		0	24	SP	Hort. Crops	Kanyai Streams	Weir		GOK/Community	Requires Funding
9	Kwa Miui	Kilungu		0	20	Sp	Hort. Crops	Kwa Miui Dam	Weir		GOK/Community	Requires Funding
10	Kikuu	Kilungu		0	10	SP	Hort. Crops	Kikuu River	Weir		GOK/Community	Requires Funding
11	AU	Mbooni West		0	12	SP	Hort. Crops	Wawathi Stream	Weir		GOK/Community	Requires Funding
12	Mukuku	Mbooni West		0	10	SP	Hort. Crops	Wawathi Stream	Weir		GOK/Community	Requires Funding
13	Kyaumbwa	Mbooni West		0	9	SP	Hort. Crops	Utangwa Stream	Weir		GOK/Community	Requires Funding
14	Ivumbu	Ivumbu		0	12	SP	Hort. Crops	Ngaa Stream	Weir		GOK/Community	Requires Funding
Total for Makueni County				0	904							
Meru County												
1	Kimachia Lukuene Kalemi	Tigania West		0	40	Sp	HT	Kionda River	Weir	2012		
2	Kaugaruu	Tigania West		0	8	Sp	HT	Karumo River	Weir	2013		
3	Kathima Kinoe	Tigania West		0	n.a.	Sp	HT	Thabanta River	Weir	2013		
4	Abwau Youth	*Tigania East*		0	100	SP	N/A	Thanatu River	Weir		Community	Requires funding
5	Kaumbura	Igembe South		0	n.a.	Sp		River/Stream	Weir			
6	Rui Rwiro	Igembe South		0	n.a.	Sp		River/Stream	Weir			
7	Kaluli	Igembe South		0	n.a.	Sp		River/Stream	Weir			Intake works complete
8	Mpaguene	Igembe South		0	n.a.	Sp		River/Stream	Weir			Proposed
9	Nthambiro Kanyankine Kali	Igembe South		0	n.a.	Sp		River/Stream	Weir			
10	Gakwego Antu-bochiu	Igembe South		0	n.a.	Sp		River/Stream	Weir			Proposed
11	Nthagu Ura	Igembe South		0	n.a.	Sp		River/Stream	Weir			
12	Mwiciune-Baranga	Imenti South		0	100	Sp		Kithino River	Weir		Community	feasibility studies
13	Mutuatine	Imenti South		0	65	Sp		Kithino River	Weir		Community	feasibility studies
14	Kaguru	Imenti South		0	80	Sp		Kithino River	Weir		Community	feasibility studies
15	Nyomba-Yathi	Imenti South		0	30	Sp		Kithino River	Weir		Community	feasibility studies
16	Giikui Mweru	Imenti South		0	65	Sp		Mutonga River	Weir		Community	feasibility studies
17	Mutunguru	Imenti South		0	35	Sp		Kithino River	Weir		Community	feasibility studies
18	Mutonga	Imenti South		0	70	Sp		Mutonga River	Weir		Community	feasibility studies
19	Mitunguu Phase II	Imenti South		0	500	Sp		Kithino River	Weir		Community	feasibility studies
20	Kiunu	Imenti South		0	60	Sp		Mutonga River	Weir		Community	feasibility studies

Table 8.7 List of Existing and Proposed Small Scale Irrigation Schemes in Eastern Province in 2012 (4/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
21	Lower Kiringa	Imenti South		0	60	Sp		Kithino River	Weir		Community	feasibility studies
22	Kiathathi-Mweru	Imenti South		0	180	Sp		Mutonga River	Weir		Community	feasibility studies
23	Kaburia	Imenti South		0	160	Sp		Mutonga River	Weir		Community	feasibility studies
24	Mbarata	Imenti South		0	85	Sp		Unja River	Weir		Community	feasibility studies
25	Kireeru	Imenti South		0	15	Sp		Kithino River	Weir		Community	feasibility studies
26	Mworoga Karambi	Imenti South		0	40	Sp		Kithino River	Weir		Community	feasibility studies
27	Kinoro	Imenti South		0	100	Sp		Mutonga River	Weir		Community	feasibility studies
28	Mworoga	Imenti South		0	120	Sp		Iraru River	Weir		Community	Drawing & Design
29	Ithitwe	Imenti South		0	80	Sp		Iraru River	Weir		Community	Drawing & Design
30	Kiune Kia Njogu	Imenti South		0	60	Sp		Mutonga River	Weir		Community	feasibility studies
31	Kanja	Imenti South		0	50	Sp		Kithino River	Weir		Community	feasibility studies
32	Kathagara	Imenti South		0	45	Sp		Thagara River	Weir		Community	feasibility studies
33	Gachua	Imetnti North		0	100	SP	HT	Kathita River	Weir	2013	GOK/Community	F/S
34	Thuura Giaki (Phase 2)	Imetnti North		0	50	SP	HT	SW:Kathita	Weir	2012	GOK/Community	D/D
35	Kiga	Meru Central	Tana	0	550	Sp	N/A	Thgingithu River	Weir		Community	Seek fund
36	Mairune B	Meru Central	Tana	0	200	Sp	HT	Gankunia Rver	Weir		Community	Seek fund
37	Kibirichia	Meru Central	Tana	0	600	Sp	N/A	Ruguso River	Weir		Community	Funding
38	Ntuburi	Meru Central	Tana	0	700	Sp	N/A	Ruguso River	Weir		Community	Funding
39	Kinoe Kathima	Tigania West		0	30	SP	Hort. Crops	Thanantu River	Weir		GOK/Community	Requires Funding
40	Kambogo	Tigania West		0	20	SP	Hort. Crops	Kuuru River	Weir		GOK/Community	Requires Funding
41	Kaugaruu	Tigania West		0	20	SP	Hort. Crops	Kuuru River	Weir		GOK/Community	Requires Funding
42	Lukuene Mwendantu	Tigania West		0	20	SP	Hort. Crops	Kionde Stream	Weir		GOK/Community	Requires Funding
43	Mailu	Tigania West		0	30	SP	Hort. Crops	Kuuru River	Weir		GOK/Community	Requires Funding
44	Gakui	Imenti South		0	120	SP	Hort. Crops	Iraru River	Weir		GOK/Community	Requires Funding
45	Ithitwe Iraru	Imenti South		0	100	SP	Hort. Crops	Iraru River	Weir		GOK/Community	Requires Funding
46	Gakiriene	Imenti South		0	80	SP	Hort. Crops	Thinkwi River	Weir		GOK/Community	Requires Funding
47	Mweru Umoja	Imenti South		0	300	SP	Hort. Crops	Mutonga River	Weir		GOK/Community	Requires Funding
48	Kithithina Dam	Buuri		0	4	SP	Hort. Crops	Teleswani Spring	Weir		GOK/Community	Requires Funding
49	Teleswani Dam	Buuri		0	4	SP	Hort. Crops	Teleswani Spring	Weir		GOK/Community	Requires Funding
50	Kariene	Buuri		0	2	SP	Hort. Crops	Likii River	Weir		GOK/Community	Requires Funding
51	Gakumbo-Kiburine	Imenti North		0	4	Pipe	Hort. Crops	Kuuru River	Dam+Pump		GOK/Community	Requires Funding
52	Nduruma Gakumbo	Imenti North		0	2	Pipe	Hort. Crops	Kathita River	Weir		GOK/Community	Requires Funding
53	Ntata	Imenti North		0	2	Pipe	Hort. Crops	Kathita River	Weir		GOK/Community	Requires Funding
54	Mukua Njoka	Imenti North		0	4	SP	Hort. Crops	Kathita River	Weir		GOK/Community	To be funded
55	Mbiriti	Tigania East		0	20	SP	Hort. Crops	Thanantu River	Weir		GOK/Community	Under Construction
56	Nkuene Kathai	Meru Central		0	180	SP	Hort. Crops	Mariara River	Weir		GOK/Community	Requires Funding
57	Gaitu Kiagu	Meru Central		0	180	SP	Hort. Crops	Mariara River	Weir		GOK/Community	Requires Funding
58	Thuura Giaki (Phase 2)	Imenti North		0	2	SP	Hort. Crops	Kathita River	Weir		GOK/Community	Requires Funding

Table 8.7 List of Existing and Proposed Small Scale Irrigation Schemes in Eastern Province in 2012 (5/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
59	Kinanduba	Igembe North		0	16	SP	Hort. Crops	Kinaduba Springs	Weir		GOK/Community	Requires Funding
60	Malaene Ithika	Igembe North		0	16	SP	Hort. Crops	Malaene Springs	Weir		GOK/Community	Requires Funding
61	Ndurukurine	Igembe North		0	16	SP	Hort. Crops	Ndurukurine Springs	Weir		GOK/Community	Requires Funding
62	Akui	Igembe South		0	60	SP	Hort. Crops	Ura River	Weir		GOK/Community	Requires Funding
63	Kangulu	Igembe South		0	60	SP	Hort. Crops	Kangulu Springs	Weir		GOK/Community	Requires Funding
64	Kaumbura	Igembe South		0	200	SP	Hort. Crops	Kaumbura Springs	Weir		GOK/Community	Requires Funding
65	Rui Rwero	Igembe South		0	120	SP	Hort. Crops	Ruji Wero River	Weir		GOK/Community	Requires Funding
66	Tumaini Irimba	Igembe South		0	60	SP	Hort. Crops	Ura River	Weir		GOK/Community	Requires Funding
67	TumuTumu I	Igembe South		0	60	SP	Hort. Crops	Ura River	Weir		GOK/Community	Requires Funding
68	Kamukara	Imenti North		0	30	SP	Hort. Crops	Kathita River	Weir		GOK/Community	Requires Funding
Total for Meru County				0	6,110							
Tharaka Nithi County												
1	Kiaga	Tharaka South		500	500	Pipe	AV,Bn,AFT	Kathita River	Weir		Cmmunity/ GOK	
2	Muungano	Tharaka South		160	160	Pipe	Tt/SP/Kl/AV	Thanantu River	Weir		Cmmunity/ GOK	
3	Kathura	Tharaka South		56	56	Pipe	HT	Kathita River	Weir		IFAD/MKEPP	F/S
4	Sis kwa Sisi	Tharaka South		0	150	Pipe	HT	Thanantu River	Weir	2013	DOM/Tharaka CDF	Under Implementation
5	Tunyai	Tharaka South		360	360	Pipe	HT/AFT	Mutonga River	Weir			
6	Kamonka	Meru South		0	300	SP	HT	Maara River	Weir		GOK/Community	Requires Funding
7	Maanyanga	Meru South		0	300	SP	HT	Ndithia River	Weir		GOK/Community	Requires Funding
8	Nandago	Meru South		0	300	SP	HT	Mutonga River	Weir		GOK/Community	Requires Funding
9	Gacee Nthinkuru	Tharaka South		0	120	SP	HT	Kathita River	Weir		GOK/Community	Requires Funding
10	Kiigani Majwiri	Tharaka South		0	120	SP	HT	Iraru River	Weir		GOK/Community	Requires Funding
11	Rukurini	Tharaka South		0	200	SP	HT	Iraru River	Weir		GOK/Community	Requires Funding
12	Thuita	Meru South		0	450	SP	HT	Ruguti River	Weir		GOK/Community	Requires Funding
13	Makanyanga	Meru South		0	200	SP	HT	Ruguti River	Weir		GOK/Community	No Finance
14	Mukui Uri Mbugi	Meru South		0	450	SP	HT	Ruguti River	Weir		GOK/Community	Requires Funding
15	Thuci Rage	Meru South		0	4,800	SP	HT	Thuci River	Weir		GOK/Community	Drawing and Design
16	Weru	Meru South		0	800	SP	HT	Ruguti River	Weir		GOK/Community	Drawing and Design
17	Mwonge	Meru South		0	480	SP	HT	Ruguti River	Weir		GOK/Community	Drawing and Design
18	Kabuboni	Meru South		0	4,800	SP	HT	Ruguti River	Weir		GOK/Community	Drawing and Design
19	Kiethika Kabui	Maara		0	60	SP	HT	Mutonga River	Weir		GOK/IFAD	To be funded
20	Kithiru	Maara		0	40	SP	HT	South Maara River	Weir		GOK/Community	Requires Funding
21	Mugumango	Maara		0	152	SP	HT	South Maara River	Weir		GOK/Community	Requires Funding
22	Mukami	Maara		0	480	SP	HT	Mutonga River	Weir		GOK/Community	Requires Funding
23	Munga Kiriani	Maara		0	137	SP	HT	Maara River	Weir		GOK/Community	Requires Funding
24	Murimi Mayira	Maara		0	20	SP	HT	River North Maara	Weir		GOK/Community	Requires Funding
25	Muringa Banana	Maara		0	1,530	Surface	HT	North Maara	Weir		GOK/IFAD	Under Construction
26	Muthambi Gitije	Maara		0	60	SP	HT	Nithi River	Weir		GOK/ComJICA	To be funded

Table 8.7 List of Existing and Proposed Small Scale Irrigation Schemes in Eastern Province in 2012 (6/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
27	Thigaa Kithitu	Maara		0	82	SP	HT	North Maara	Weir		GOK/Community	Requires Funding
Total for Tharaka Nithi County				1,076	17,107							
Grand Total for Eastern Province				1,292	38,764							

Source: Data from PIO and DIO in Eastrn Province

Remarks:

Intake Facility: W = Diversion weir, WH = Water Harvesting

Irrigation: B = Bucket, Dp = Drip, P = Pipe, Sp = Sprinkler, Surface = Surface Irrigation (Basin, Furrow)

Crop: B = Beans, F = Fruit, HT = Horticulture, M = Maize, R = Rice, V = Vegetables, W = Water melon,

Budget: D = International Donor, F = Farmer, GOK = Government of Kenya

Status: DD = Detailed design, FI = Financing, FS = Feasibility study, I = Investigation, P = Planning, S = Survery

Table 8.8 List of Existing and Proposed Small Scale Irrigation Schemes in Coast Province in 2012 (1/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Mombasa County												
1	Mbuu	Kisauni	3MD3	1	20	Surface	V	Maru R.	Pump	2016	GOK	No Funds
2	Mafigani	Kisauni	3MD3	1	15	Surface	V	Maru R.	Pump	2016	GOK	No Funds
3	Marimani	Kisauni	3MD3	1	15	Surface	V	Marimani R.	Pump	2014	GOK	No Funds
4	Nguu Tatu	Kisauni	3MD3	1	14	Surface	V	Pan	Pump	2015	GOK	No Funds
5	Madzombani	Kisauni	3MD3	1	12	Surface	V	Pan	Pump	2012	GOK	No Funds
6	Kibuyu Mimba	Likoni	3MD2	5	6	Surface	V	Pan	Pump	2013	GOK	No Funds
7	Kibundani	Likoni	3MD2	1	5	Surface	V	Groundwater	Pump	2013	GOK	No Funds
8	Neema	Likoni	3MD2	2	4	Surface	V	Groundwater	Pump	2012	GOK	No Funds
9	Mrongondoni Cluster	Likoni	3MD2	1	10	Surface	V	Groundwater	Pump	2016	GOK	No Funds
10	Bofu Maskan	Likoni	3MD2	1	4	Surface	V	Groundwater	Pump	2009	GOK	No Funds
Total for Mombasa County				15	105							
Kilifi County												
1	Mwangea	Kilifi/Ganze	3MD1	0	1,200	Surface	V/F	Galana R	Pump		GOK	
2	Kasidi	Kilifi/Ganze	3LA	0	16	Sp	V	Pond	Pump		GOK	
3	Giriama Ranch	Kilifi/Ganze	3MD1	0	16	Sp	V	Pond	Pump			
4	Shibe	Kilifi/Ganze	3MD1	0	20	Sp	V	Pond	Pump			
5	Degu Degu	Kilifi/Ganze	3MD1	0	16	Sp	V	Pond	Pump			
6	Mtwana	Kilifi/Ganze	3LA	0	20	Sp	V	Pond	Pump			
7	Darajani	Kilifi/Ganze	3LA	0	40	Surface	V	Nzovuni R	Weir			
8	Gongoni	Kilifi/Ganze	3LA	0	30	Sp	V	Pond	Pump		GOK	
9	Mdachi	Kilifi/Ganze	3LA	0	100	Surface	V	Nzovuni R	Weir		GOK	
10	Kwa Mrengi	Kilifi/Ganze	3LA	0	15	Drip	V	Pond	Pump			
11	Mitangoni	Kilifi/Ganze	3LA	0	10	Drip	V	Pond	Pump			
12	Bale Church	Kilifi/Ganze	3MD1	0	20	Surface	V	Rare R	Pump			
13	Uhai-Marikano	Malindi/Magarini	3HD1	4	80	Surface	M/v	Sabaki R	Pump	2013	GOK	Needs Survey, Design
14	Burangi	Malindi/Magarini	3HD1	5	1,200	Surface	Rice	Sabaki R	Gravity	2016	GOK	Needs Survey, Design
15	Mkondoni	Malindi/Magarini	3HD1	8	55	Surface	M/V	Sabaki R	Pump	2015	GOK	Needs Survey, Design
16	Kirirona Enye	Malindi/Magarini	3HD1	10	27	Surface	M/V	Sabaki R	Pump	2016	GOK	Needs F/S
17	Ziara Wari	Malindi/Magarini	3HC	15	18	Surface	M/V	Sabaki R	Pump	2014	GOK	Needs Fund Design & Cost
18	Jilore-A	Malindi/Magarini	3HD1	8	100	Surface	M/V	Sabaki R	Pump	2015	GOK	Needs Fund Design & Cost
19	Jaribuni A+B	Malindi/Magarini	3HD1	10	73	Surface	M/V	Sabaki R	Pump	2016	GOK	Needs Fund Design & Cost
20	Gandini	Malindi/Magarini	3HD1	2	120	Surface	M/V	Sabaki R	Pump	2013	Red Cross Society	Construction on-going
21	Nyamala	Malindi/Magarini	3HD1	16	74	Surface	M/V	Sabaki R	Pump	2017	GOK	Needs Fund Design & Cost
22	Khombeni	Malindi/Magarini	3HD1	24	90	Surface	M/V	Sabaki R	Pump	2019	GOK	Needs Fund Design & Cost
23	Kavunyalalo	Malindi/Magarini	3HD1	4	3,000	Surface	M/V	Sabaki R	Weir	2015	GOK	F/S on-going
24	Bondorowa	Malindi/Magarini	3HD1	2	40	Surface	M/V	Sabaki R	Pump	2015	GOK	Investigation to be done
25	Matolani	Malindi/Magarini	3HD1	4	40	Surface	M/v	Sabaki R	Pump	2010	GOK/ALRMP	on-going needs expansion
26	Admae	Malindi/Magarini	3HD1	2	6	Surface	M/v	Sabaki R	Pump	2010	Red Cross Society	Operational on trial
27	Hawewanje	Malindi/Magarini	3HD1	20	200	Surface	M/v	Sabaki R	Pump	2009	GOK	Needs F/S
28	Jilore-B	Malindi/Magarini	3HD1	10	10	Surface	M/v	Sabaki R	Pump	2009	GOK	Operational, needs Expansion

Table 8.8 List of Existing and Proposed Small Scale Irrigation Schemes in Coast Province in 2012 (2/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
29	Kaya-Dagamra	Malindi/Magarini	3HD1	20	1,600	Surface	M/v	Sabaki R	Gravity	2019	GOK	Needs F/S
30	Vugulani	Malindi/Magarini	3HD1	4	900	Surface	M/v	Sabaki R	Pump	2019	GOK	Needs F/S
31	Masindeni	Malindi/Magarini	3HD1	10	600	Surface	M/v	Sabaki R	Pump	2018	GOK	Needs Fund Design & Cost
32	Dodosa	Malindi/Magarini	3HD1	3	60	Surface	M/v	Sabaki R	Pump	2018	GOK	Needs Fund Design & Cost
33	Baricho	Malindi/Magarini	3HD1	5	30	Surface	M/v	Sabaki R	Pump	2010	GOK	Operational. Needs Extension
34	Dagamra-Alitete	Malindi/Magarini	3HD1	20	80	Surface	M/v	Sabaki R	Pump	2009	GOK	Needs Rehabilitation
35	Uvumbuzi	Malindi/Magarini	3HD1	5	30	Surface	M/v	Lake Ox-bow	Pump	2008	GOK	Needs Rehabilitation
Total for Kilifi County				211	9,936							
Kwale County												
1	Waga	Msambweni	3K	115	115	Surface	R	Umba R	Weir	2010	GOK	on-going
2	Machame	Msambweni	3K	0	75	Surface	R	Umba R	Weir		GOK	Share intake with Waga pjt
3	Vichigini	Msambweni	3K	65	65	Surface	R	Umba R	Weir	2007	CDA	on-going
4	Matoroni	Msambweni	3K	70	70	Surface	R	Umba R	Weir	2007	CDA	on-going
5	Mpepeni	Msambweni	3K	0	75	Surface	R	Umba R	Weir		JICA	Tendering soon
6	Phuni	Msambweni	3K	5	30	Surface	V & F	Lake Phuni	Pump	2012	GOK	90 % complete
7	Majoreni clusters projects	Msambweni	3K	0	95	Surface	R	Manaire Pan	Weir+Pump		GOK	Preliminary survey stage
8	Dzuni	Msambweni	3K	0	50	Surface	R	Mkono wa Godzo R	Pan+Weir		GOK	Preliminary survey stage
9	Umoja	Msambweni	3K	0	40	Surface	V	Mwauwa R	Pan+Pump		GOK	Needs F/S
10	Mabovoka	Msambweni	3K	0	180	Surface	R	Mwalumbwi R	Pan+Weir		GOK	Needs F/S
11	Chimunyu	Msambweni	3K	0	30	Surface	R	Chimunyu Spring	Weir+Pump		GOK	Needs F/S
12	Mwananyala 'A'	Msambweni	3K	0	40	Surface	R/V	Majimoto catchment	Pan+Weir		GOK	Needs F/S
13	Mwananyala 'B'	Msambweni	3K	0	50	Surface	R/V	Majimoto catchment	Pan+Weir		GOK	Needs F/S
14	Mwabanda 'A' & ' B'	Msambweni	3K	0	60	Surface	R	Mwabanda R	Weir+Pump		GOK	Needs F/S
15	Msambweni	Msambweni	3K	0	32	Surface	R	Mkurumuji R	Weir	2012	GOK	Weir in place, rehab needs
16	Fingirika	Msambweni	3K	0	30	Surface	R/V	Spring	Pan+Weir	2006	GOK (DASS)	Needs improvement
17	Bandu	Msambweni	3K	0	5	Surface	V	Pan	Pan+Pump		GOK	Investigations needed
18	Muhaka	Msambweni	3K	0	24	Surface	R/V	Mtawa R	Pan+Weir	2005	GOK	Needs pan rehabilitaion
19	Nyando	Matuga	3MD2	40	68	Surface	V	Earth Pan	Pump	2010	GOK (DASS)	No fund yet
20	Chimya	Matuga	3MD2	36	52	Surface	V	Chombo Spring	Pump	2010	GOK/ARID	No fund yet
21	Burani A	Matuga	3MC	40	78	Basin	V	Storage reservoir	Pump	20012	GOK	No fund yet
22	Mwele	Matuga	3MC	15	31	Furrow	Rice	Stream	Pump		GOK	No fund yet
23	Mteza	Matuga	3MD2	15	32	Furrow	V	Marere R	Pump		GOK	No fund yet
24	Manjera	Matuga	3MD2	36	50	Furrow	V	Earth Pan	Pump		GOK	No fund yet
25	Mwabuga	Matuga	3MD2	20	36	Furrow	V	Earth Pan	Pump	2013	GOK	No fund yet
26	Patanani A	Matuga	3MD2	10	42	Basin	V	Earth Pan	Pump	2013	GOK	No fund yet
27	Mwamivi	Matuga	3MD2	35	100	Basin	Rice	Bububu R	Gravity		GOK	No fund yet
28	Chirimani	Matuga	3MD2	20	39	Basin	Rice	Bububu R	Gravity		GOK	No fund yet
29	Mtsangatamu	Matuga	3MD2	20	60	Furrow	V	Voltia spring	Pump		GOK	No fund yet
30	Patanani B	Matuga	3MD2	5	35	Furrow	V	Earth Pan	Pump		GOK	No fund yet
31	Mbadeni	Matuga	3MD2	20	48	Furrow	V	Earth Pan	Pump	2012	Self Community	No fund yet
32	Lunguma	Matuga	3MD2	5	35	Furrow	V	Marere R	Pump		GOK	No fund yet

Table 8.8 List of Existing and Proposed Small Scale Irrigation Schemes in Coast Province in 2012 (3/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
33	Lukore	Matuga	3MD2	30	108	Furrow	V	Earth Pan	Pump		GOK	No fund yet
34	Burani B	Matuga	3MC	38	65	Basin	V	Stream	Pump		GOK	No fund yet
35	Shimba Hills	Matuga	3MC	25	40	Furrow	V	River	Pump	2012/2013	GOK	No fund yet
36	Tiwi	Matuga	3MD2	20	30	Furrow	V	Dam	Pump	2013	GOK	No fund yet
37	Mbuguni	Matuga	3MD2	30	180	Furrow	Rice/ V	River	Gravity	2014	GOK	No fund yet
38	Mangawani	Matuga	3MD2	30	75	Furrow	V	Dam	Pump	2014	GOK	No fund yet
39	Kiteje	Matuga	3MD2	15	18	Furrow	V	Lake Kiteje	Pump		GOK	No fund yet
40	Ziwani	Matuga	3MD2	12	25	Furrow	Rice	Chitsadze falls	Pump		GOK	No fund yet
41	Majimboni	Matuga	3MC	20	150	Furrow	Rice	Earth Pan	Pump		GOK	No fund yet
42	Simanya	Matuga	3MC	18	240	Furrow	V	Earth Pan	Pump		GOK	No fund yet
43	Mwachema	Matuga	3MD2	20	20	Basin	Rice	Mwachema R	Pump		GOK	No fund yet
44	Jorori	Matuga	3MC	40	60	Furrow	V	Earth Pan	Pump		GOK	No fund yet
45	Galena	Matuga	3MD2	30	30	Furrow	V	Earth Pan	pump		GOK	No fund yet
46	Mlafyeni	Matuga	3MC	37	70	Furrow	V	Mlafyeni Spring	Pump		GOK	No fund yet
47	Miatsani	Matuga	3MD2	67	190	Furrow	V	Earth Pan	pum p		GOK	No fund yet
48	Mazumalume	Matuga	3MC	30	30	Basin	Rice/V	Earth Pan	Pump		GOK	No fund yet
49	Kibaoni	Kinango	3MC	20	90	Furrow	V	Marere R	Pump	2012	GOK	No fund yet
50	Mabesheni	Kinango	3MB	25	300	Furrow	V	Earth Pan	Pump	2013	GOK	No fund yet
51	Mwache	Kinango	3MB	40	245	Basin	Rice/ V	Mwache R	Pump	2013	GOK	No fund yet
52	Kasemeni	Kinango	3MB	20	90	Basin	Rice/ V	Earth Pan	Pump	2013	GOK	No fund yet
53	Mazola	Kinango	3MB	18	65	Furrow	V	Earth Pan	Pump		GOK	No fund yet
54	Nyalani	Kinango	3MA2	15	400	Basin	Rice/ V	Dam	Pump		GOK	No fund yet
55	Mtaa Pemba	Kinango	3MB	15	160	Furrow	V	Dam	Pump		GOK	No fund yet
56	Tsahuni	Kinango	3MB	20	45	Furrow	V	Dam	Pump		GOK	No fund yet
57	Ngombeni	Kinango	3MB	12	40	Furrow	V	Dam	Pump		GOK	No fund yet
58	Mbilini	Kinango	3MA2	22	140	Basin	Rice/V	Dam	Pump		GOK	No fund yet
59	Gandini	Kinango	3MB	60	80	Basin	Rice/V	Dam	Pump		GOK	No fund yet
60	Mwatate	Kinango	3MB	25	170	Furrow	V	Mwache R	Gravity		GOK	No fund yet
61	Vigurungani	Kinango	3MC	40	250	Furrow	V	Dam	Pump		GOK	No fund yet
62	Miatsani	Kinango	3MB	20	105	Furrow	V	Dam	Pump		GOK	No fund yet
63	Silaloni	Kinango	3MB	2	185	Furrow	V	Dam	Pump		GOK	No fund yet
64	Gulanze	Kinango	3MC	20	162	Furrow	Rice/ V	Dam	Pump		GOK	No fund yet
65	Kilimangodo	Kinango	3MB	30	180	Furrow	Rice/ V	Dam	Pump		GOK	No fund yet
66	Mbujani	Kinango	3MC	20	150	Basin	Rice/ V	Earth Pan	Pump		GOK	No fund yet
67	Chimwemweni	Kinango	3MA2	20	120	Basin	Rive/ V	Earth Pan	Pump		GOK	No fund yet
68	Mbita	Kinango	3MA2	40	215	Furrow	Rice/ V	Dam	Pump		GOK	No fund yet
69	Mwandimu	Kinango	3MC	30	115	Furrow	Rice/ V	Earth Pan	Pump		GOK	No fund yet
70	Chonyi	Kinango	3MB	15	80	Furrow	V	Earth Pan	Pump		GOK	No fund yet
71	Dumbule	Kinango	3MC	15	95	Basin	Rice	Earth Pan	Pump		GOK	No fund yet
72	Mwakunde	Kinango	3MA2	12	100	Basin	Rice	Earth Pan	Pump		GOK	No fund yet
73	Mwakijembe	Kinango	3MC	20	105	Furrow	V	Dam	Pump		GOK	No fund yet

Table 8.8 List of Existing and Proposed Small Scale Irrigation Schemes in Coast Province in 2012 (4/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
74	Matumbi	Kinango	3MC	30	98	Furrow	V	Dam	Pump		GOK	No fund yet
75	Maji ya Chumvi	Kinango	3MB	20	70	Furrow	V	Dam	Pump		GOK	No fund yet
76	Macknon	Kinango	3MB	20	70	Furrow	V	Earth Pan	Pump		GOK	No fund yet
77	Taru	Kinango	3MB	30	95	Basin	Rice	Earth Pan	Pump		GOK	No fund yet
78	Chengoni	Kinango	3MC	30	80	Basin	Rice	Chengoni Earth Pan	Pump		GOK	No fund yet
Total for Kwale County				1,740	7,203							
Taita Taveta County												
1	Kapero	Taita		0	60	Furrow	HT/SC	Kapero dam	Pump		IDD	Needs F/S
2	Mwarashi	Taita		0	70	Furrow	HT/SC	Mwarashi dam	Pump		IDD	Needs F/S
3	Wesu	Taita		0	40	Furrow	HT/SC	Wesu dam	Pump		IDD	Needs F/S
4	Mwalukumbi	Mwatate		0	55	Furrow	HT/SC	Mwamkute R	Weir	1998	PLAN Int	Needs Rehabilitation
5	Kipusi	Mwatate		0	200	Furrow	HT/SC	Mwatate R	Weir		IDD	Needs F/S
6	Mbololo A	Voi		0	240	Drip	HT/SC	Tsavo R	Pump		IDD	Needs F/S
7	Mbololo B	Voi		0	100	Drip	HT/SC	Tsavo R	Pump		IDD	Needs F/S
8	Msinga	Voi		0	30	Drip	HT/SC	Voi R	Dam	1963	IDD	Needs F/S
9	Makajini	Voi		0	400	Furrow	HT/SC	Voi R	Dam	1963	GOK	Needs F/S
10	Mkalenyi	Voi		0	600	Drip	HT/SC	Groundwater	Pump		IDD	Needs F/S
11	Chumvini	Taveta		0	300	Furrow	HT/SC	Lumi R	Weir		IDD	Needs F/S
12	Kimondia	Taveta		100	2,000	Furrow	HT/SC	Lumi R	Intake gate		IDD	Needs F/S
13	Abori	Taveta		0	800	Furrow	HT/SC	Lumi R	Intake gate	1939	Colonial Gov	Needs Rehabilitation
14	AFC	Taveta		1,500	1,500	Furrow	HT/SC	Njoro Kubwa canal	Intake gate	1948	Captain Grogan	Needs Improvement
15	Timbila	Taveta		0	200	Drip	HT/SC	Lake Challa	Pump		CDA	D/D on-going
16	Kilanga	Taveta		0	200	Furrow	HT/SC	Lake Challa	Pump		CDA	D/D on-going
Total for Taita Taveta County				1,600	6,795							
Lamu County												
1	Tiger	Lamu West	4KB	2	12	Furrow	VWBM	Groundwater	Well +Pump	2008	MWI	
2	Tabalaki	Lamu West	4KB	2	12	Furrow	VWBM	Groundwater	Well +Pump	2010	MWI	
3	Kiongoni	Lamu West	4KB	4	12	Furrow	VWBM	Groundwater	Well +Pump			
4	Mbelembele	Lamu West	4KB	0	12	Basin	VWBM	Groundwater	Well +Pump			
5	Sabasaba	Lamu West	4KB	1	12	Furrow	VWBM	Groundwater	Well +Pump			
6	Nairobi Area	Lamu West	4KB	3	15	Furrow	VWBM	Groundwater	Well +Pump			
7	Mamboghoni	Lamu West	4KB	3	12	Furrow	VWBM	Groundwater	Well +Pump	2008	MWI	
8	Mchanganyiko	Lamu West	4KB	2	12	Furrow	VWBM	Groundwater	Well +Pump	2002	MWI	
9	Rhoka	Lamu West	4KB	2	12	Furrow	VWBM	Groundwater	Well +Pump	2008	MWI	
10	Dide Waride	Lamu West	4KB	1	12	Furrow	VWBM	Groundwater	Well +Pump			
11	Moa Conservative	Lamu West	4KB	1	300	Furrow	VWBM	Lake	Pump			
12	Jisaidie Usaidiwe	Lamu West	4KB	2	8	Furrow	VWBM	Groundwater	Well +Pump	2006	MWI	
13	Kiboko	Lamu West	4KB	3	12	Furrow	VWBM	Groundwater	Well +Pump	2011		
14	Muum	Lamu West	4KB	2	12	Furrow	VWBM	Groundwater	Well +Pump			
15	Uziwa	Lamu West	4KB	0	12	Basin	VWBM	Groundwater	Well +Pump			
16	Bomalaki	Lamu West	4KB	2	8	Furrow	VWBM	Groundwater	Well +Pump	2007	MWI	

Table 8.8 List of Existing and Proposed Small Scale Irrigation Schemes in Coast Province in 2012 (5/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
17	Witu Conservancy	Lamu West	4KB	1	12	Furrow	VWBM	Groundwater	Well +Pump			
18	Panda Nguo	Lamu West	4KB	0	12	Basin	VWBM	Groundwater	Well +Pump			
19	Bargoni	Lamu East	4KB	0	12	Basin	VWBM	Groundwater	Well +Pump			
20	Kwa Omolo	Lamu East	4KB	0	12	Basin	VWBM	Groundwater	Well +Pump			
21	Bothei Drip	Lamu East	4KB	0	12	Drip	VWBM	Groundwater	Well +Pump			
22	Miliminani	Lamu East	4KB	0	12	Basin	VWBM	Groundwater	Well +Pump			
23	Langoni	Lamu East	4KB	0	5	Furrow	VWBM	Groundwater	Well +Pump			
24	Vumbe	Lamu East	4KB	1	8	Furrow	VWBM	Groundwater	Well +Pump	2011	MWI	
25	Mangai Drip	Lamu East	4KB	3	8	Drip	VWBM	Groundwater	Well +Pump	2012	MWI	
Total for Lamu County				35	568							
Tana River County												
1	Buwa	Tana North		20	500	Surface	HT/V	Tana R	Intake+Pump			No survey yet
2	Korati	Tana North		20	400	Surface	HT/V	Tana R	Intake+Pump			No survey yet
3	Asako	Tana North		20	300	Surface	HT/V	Tana R	Intake+Pump			No survey yet
4	Pamba	Tana North		0	100	Surface	HT/V	Tana R	Intake+Pump			No survey yet
5	Chewele	Tana North		40	300	Surface	HT/V	Tana R	Intake+Pump	2012	GOK	Project done
6	Wadesa	Tana North		30	450	Surface	HT/V	Tana R	Intake+Pump			No survey yet
7	Nanighi	Tana North		20	500	Surface	HT/V	Tana R	Intake+Pump	2010	GOK	Project done
8	Maramtu	Tana North		50	250	Surface	HT/V	Tana R	Intake+Pump	2009	GOK	Project done
9	Mororo	Tana North		20	700	Surface	HT/V	Tana R	Intake+Pump	2009	GOK	Project done
10	Ziwani	Tana North		30	100	Surface	HT/V	Tana R	Intake+Pump		Not yet	Survey done
11	Konoramadha	Tana North		20	400	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
12	Mulanjo	Tana North		15	600	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
13	sala	Tana North		30	250	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
14	Sombo	Tana North		0	200	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
15	Chewani	Tana River		40	400	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
16	Hola Mission	Tana River		30	400	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
17	Bubu	Tana River		20	200	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
18	Masabubu	Tana River		35	200	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
19	Rhoka	Tana River		30	200	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
20	Lenda	Tana River		25	300	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
21	Mikinduni	Tana River		30	400	Surface	HT/V	Tana R	Intake+Pump		CDF	No survey yet
22	Bohoni	Tana River		40	200	Surface	HT/V	Tana R	Intake+Pump	2011	GOK	Project on-going
23	laini	Tana River		20	300	Surface	HT/V	Tana R	Intake+Pump		Not yet	No survey yet
24	Hola	Tana River		20	300	Surface	HT/V	Tana R	Intake+Pump		Not identifield yet	No survey yet
25	Maroni	Tana River		15	100	Surface	HT/V	Tana R	Intake+Pump		Not identifield yet	No survey yet
26	Wenje	Tana River		20	250	Surface	HT/V	Tana R	Intake+Pump	2009	GOK	Un-operational.
27	Bububu	Tana River		25	400	Surface	HT/V	Tana R	Intake+Pump		Not identifield yet	No survey yet
28	Majengo	Tana River		20	400	Surface	HT/V	Tana R	Intake+Pump		Not identifield yet	No survey yet
29	Masalani	Tana River		25	200	Surface	HT/V	Tana R	Intake+Pump		Not identifield yet	No survey yet
30	Mazuni	Tana River		15	100	Surface	HT/V	Tana R	Intake+Pump		Not identifield yet	No survey yet

Table 8.8 List of Existing and Proposed Small Scale Irrigation Schemes in Coast Province in 2012 (6/6)

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
31	Mkomani	Tana River		15	100	Surface	HT/V	Tana R	Intake+Pump		Not identifield yet	No survey yet
32	Bondeni	Tana River		40	300	Surface	HT/V	Tana R	Intake+Pump	2012	GOK	Project on-going
33	Handampia	Tana River		20	200	Surface	HT/V	Tana R	Intake+Pump		Not identifield yet	No intervention done
34	Wema	Tana Delta	4HB	19	100	Surface	M,HT	Tana R	Weir	1993	LTVIP	Water from TDIP
35	Mnazini	Tana Delta	4GF	50	300	Surface	M,HT	Tana R	Pump	1993	LTVIP	Relocated to new site
36	Hewani	Tana Delta	4GG	40	150	Surface	M,HT	Tana R	Weir	1995	LTVIP	Water from TDIP
37	Danisa	Tana Delta	4GG	24	200	Surface	M,HT	Tana R	Pump	2005	ALRMPII	Facility washed away
38	Marifano	Tana Delta	4GG	15	200	Surface	M,HT	Tana R	Pump	2008	CDF	Limited area are using
39	Baomo	Tana Delta	4GF	0	300	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
40	Mitapani	Tana Delta	4GG	0	200	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
41	Kibusu	Tana Delta	4GG	0	300	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
42	Kijo	Tana Delta	4GG	0	100	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
43	Dalu	Tana Delta	4GG	0	300	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
44	Eghe- Uhuru	Tana Delta	4GG	0	100	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
45	Sera	Tana Delta	4GG	0	500	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
46	Maziwa	Tana Delta	4GG	0	300	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
47	Ngumu	Tana Delta	4GG	0	200	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
48	Dumi	Tana Delta	4GG	0	200	Surface	M,HT	Tana R	Pump		N/A	Awaiting investigations
49	Oda-Wachu	Tana Delta	4GG	0	100	Surface	M,HT	Tana R	Pump	2003	LTVIP	Damaged
50	Ngao	Tana Delta	4GG	0	1,000	Surface	M,HT	Tana R	Pump		LTVIP	Damaged
51	Kilelengwani	Tana Delta	4GG	0	200	Surface	M,HT	Tana R	Pump		N/A	Damaged
52	Kau	Tana Delta	4GG	0	1,000	Surface	M,HT	Tana R	Pump		N/A	Rice expansion
53	Baratiro	Tana Delta	4GG	0	400	Surface	M,HT	Tana R	Pump	2004	World Vision	Intake damaged
54	Golbanti	Tana Delta	4GG	0	100	Surface	M,HT	Tana R	Pump	2012	GOK	8 ha used by women group
Total for Tana River County				948	16,250							
Grand Total for Coast Province				4,548	40,857							

Source: Data from PIO and DIO in Coast Province

Remarks:

Intake Facility: W = Diversion weir, WH = Water Harvesting
Irrigation: B = Bucket, Dp = Drip, P = Pipe, Sp = Sprinkler, Surface = Surface Irrigation (Basin, Furrow)
Crop: B = Beans, F = Fruit, HT = Horticulture, M = Maize, R = Rice, V = Vegetables, W = Water melon,
Budget: D = International Donor, F = Farmer, GOK = Government of Kenya
Status: DD = Detailed design, FI = Financing, FS = Feasibility study, I = Investigation, P = Planning, S = Survery

Table 8.9 List of Existing and Proposed Small Scale Irrigation Schemes in North Eastern Province in 2012

No	Name of scheme	District	Sub-Catchment Code.	Irrigation Area (ha)		Type of Irrigation	Main Crop	Water source		Year const-ructed	Executing Agency	Remarks
				Existing AIA (ha)	Proposed PIA (ha)			Type	Facility			
Garissa County												
1	Qohley farm	Balambala		1	18	Surface	B,F,HT,M,V	Tana River	Pump		MWI	
2	Abarot	Garissa		5	50	Surface	B,F,HT,M,V	Tana River	Pump		MWI	
3	Furaha-Tawakal	Fafi		36	36	Drainage		Drains	Pump			
				42	104							
Wajir County												
1	Korondile-Bute	Wajir East & South		20	20	Drainage		Drains	Pump			
2	Sabena-Jubaland	Wajir East & South		20	20	Drainage		Drains	Pump			
3	Waldagena-Eldas	Wajir East & South		20	20	Drainage		Drains	Pump			
				60	60							
Mandera County												
1	Berwein BP1	Mandera East		20	20	Surface		Daua River	Pump	1975		
2	Handadu	Mandera East		50	50	Surface	M,Cp,Ft,V	Daua River	Pump	1982	Catholic Mission	
3	Bella	Mandera East		24	24	Surface	M,Cp,Ft,V	Daua River	Pump			
4	Aressa	Mandera East		80	80	Surface	M,Cp,Ft,V	Daua River	Pump	1996	ALRMP	
5	Qumbiso	Mandera East		50	50	Surface	M,Cp,Ft,V	Daua River	Pump			
6	Fino	Mandera East		10	10	Drip		Daua River	Pan			
7	Yabicho	Mandera North		150	150	Surface	M/Cp/F/V	Daua River	Pump	1978		
8	Shantolley	Mandera North		300	300	Surface	M/Cp/Mg/V	Daua River	Pump	1975	MWI/ALRMP	
9	Barjiff	Mandera North		20	20	Surface	M/Cp/Mg/V	Daua River	Pump			
10	Dakalonfakat	Banissa District		50	50	Surface	M/Cp/Ft/V	Daua River	Pump			
11	Gubawato	Banissa District		5	5	Drip		Stream	Pan			
12	Dandu	Mandera west		3	3	Drip		Stream	Pan			
13	Takaba	Mandera west		10	10	Drip		Stream	Pan			
14	S-Fatuma	Mandera Central		5	5	Drip		Stream	Pan			
15	Fincharo	Mandera Central		5	5	Drip		Stream	Pan			
16	Elwak S	Mandera Central		3	3	Drip		Stream	Pan			
17	Leheley	Mandera Central		5	5	Drip		Stream	Pan			
17	Sotowa Oro	Mandera Central		10	10	Drip		Stream	Pan			
				800	800	Drip		Stream	Pan			
Total				902	964							

Source: Data from PIO and DIO in Northeastern Province

Remarks:

Intake Facility: W = Diversion weir, WH = Water Harvesting

Irrigation: B = Bucket, Dp = Drip, P = Pipe, Sp = Sprinkler, Surface = Surface Irrigation (Basin, Furrow)

Crop: B = Beans, F = Fruit, HT = Horticulture, M = Maize, R = Rice, V = Vegetables, W = Water melon,

Budget: D = International Donor, F = Farmer, GOK = Government of Kenya

Status: DD = Detailed design, FI = Financing, FS = Feasibility study, I = Investigation, P = Planning, S = Survery

9. Existing Private/ Industrial Farms

Table 9.1 Existing Irrigation Area under Private/Commercial Sector (1/2)

No.	County	Existing + On-going Area NWMP (1992)				Water Permit						Remarks
						Permit holders (Nos)	Dry Season (m3/day)	Wet Season (m3/day)	Others (m3/day)	Total (m3/day)	Irrigation Area (ha)	
1	Nairobi	0	0	1,564	0	6		7,550		7,550	183	Estiamted by applying unit req't (Athi)
1	Kuanbu	0	0	11,017	0	151	0	366,578	0	366,578	8,901	Estiamted by applying unit req't (Tana)
2	Kuanbu					24	0	12,446	0	12,446	302	Estiamted by applying unit req't (Athi)
3	Kirinyaga	354	5,795	149	0	192	0	484,560	0	484,560	11,766	Estiamted by applying unit req't
4	Muranga	38	0	6,205	0	206	0	98,391	0	98,391	2,389	Estiamted by applying unit req't
5	Nyandarua					2	0	435	0	435	11	Estiamted by applying unit req't (Tana)
5	Nyandarua	32	0	114	32	3	0	5,335	0	5,335	192	WRMA's water permit inventory
6	Nyeri					348	0	140,341	0	140,341	3,408	Estiamted by applying unit req't (Tana)
6	Nyeri	988	0	615	0	19	0	45,936	0	45,936	1,908	WRMA's water permit inventory (ENN)
7	Kilifi	80	0	280	0					0	0	Since no information is listed by WRMA, IA is assumed to be zero
8	Kwale	64	0	119	0	1	0	1,757		1,757	2	Estiamted by applying unit req't (Athi)
9	Lamu	0	0	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero
10	MOMBASA	0	0	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero
11	Taita Taveta	1,228	0	12	0	24	108,475	185,797	775,768	1,070,040	18,644	WRMA's inventory + Estimated area by unit req't
12	Tana River	548	3,373	0	0	12	0	34,572	0	34,572	839	Estiamted by applying unit req't
13	Embu	412	0	237	0	151	0	106,544	0	106,544	2,587	Estiamted by applying unit req't
14	Isiolo	1,106	0	2	0	3	0	6,778	0	6,778	269	WRMA's water permit inventory
15	Kitui	0	0	0	0	29	0	15,460	0	15,460	375	Estiamted by applying unit req't
16	Machakos					40	0	20,205	0	20,205	491	Estiamted by applying unit req't
16	Machakos	3,261	0	1,418	0	2	0	800	0	800	43	WRMA's water permit inventory (Kibwezi)
17	Makueni					32	0	46,561	0	46,561	2,658	WRMA's water permit inventory (Kibwezi)
18	Marsabit	0	0	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero
20	Tharaka					99	0	27,540	0	27,540	3,097	Estiamted by applying unit req't
19	Meru					566	0	390,040	0	390,040	9,471	Estiamted by applying unit req't (Tana)
19	Meru	2,312	0	81	135	34	0	374,102	0	374,102	1,430	WRMA's water permit inventory
21	Garissa	631	0	4	0	52	0	46,603	0	46,603	1,132	Estiamted by applying unit req't
22	Mandera	640	0	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero
23	Wajir	0	0	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero
24	Kisii	0	0	0	2,020	1	0	1,120	0	1,120	7	WRMA's water permit inventory
25	Nyamira			0						0	0	Since no information is listed by WRMA, IA is assumed to be zero
26	Kisumu	4,382	1,764	0	0	5		121,448		121,448	1,028	WRMA's water permit inventory
27	Siaya	177	0	0	0	1	0	350	0	350	6	Estiamted by applying unit req't
28	Homa Bay					3	0	401	0	401	10	WRMA's water permit inventory
29	Migori					1	0	90	0	90	5	WRMA's water permit inventory
	South Nyanza	415	0	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero

Table 9.1 Existing Irrigation Area under Private/Commercial Sector (2/2)

No.	County	Existing + On-going Area NWMP (1992)				Water Permit						Remarks
						Permit holders (Nos)	Dry Season (m3/day)	Wet Season (m3/day)	Others (m3/day)	Total (m3/day)	Irrigation Area (ha)	
30	Kajiado	2,136	0	16	0	10	1,280	2,612	1,096	4,988	150	WRMA's inventory + Estimated area by unit req't
32	Kericho	0	0	0	0	12	0	20,937	0	20,937	143	WRMA's water permit inventory
31	Bomet			0							0	Since no information is listed by WRMA, IA is assumed to be zero
33	Laikipa	472		126	750	51	0	143,066	0	143,066	1,394	WRMA's water permit inventory
34	Nakuru	32	0	3,577	0	61		48,778		48,778	1,579	Naivasha Sub-region, Estiamted by applying unit req't
35	Narok	165	0	12	0	7	0	31,861	0	31,861	168	WRMA's water permit inventory (LVS)
35	Narok					35		5,152		5,152	167	Estimate (RV)
36	Trans Nzoia	0	0	241	0	6	3,244	4,135	0	7,379	99	WRMA's inventory + Estimated area by unit req't
37	Uasin Gishu	0	0	8	1,980	4	0	1,120	3,475	4,595	73	Estiamted by applying unit req't
38	Baringo	1,336	0	3	0	36	0	23,905		23,905	774	Total of Kabanet Sub-region, Estiamted by applying unit req't
39	Marakwet	4,356	90	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero
40	Nandi (LVN)					2	300	0	0	300	5	WRMA's inventory + Estimated area by unit req't
31	Nandi	0	0	2	0	2	0	65	0	65	3	WRMA's water permit inventory
41	Samburu	20	0	0	0					0	0	Since no information is listed by WRMA, IA is assumed to be zero
42	Turkana	912	0	0	0	4	0	1,647	0	1,647	53	Lodwar sub-region, Estiamted by applying unit req't
43	West Pokot	1,469	0	2	0	6	0	2,409	0	2,409	78	Kepenguria Sub-region, Wei-Wei of KVDA is exluded from the list,
44	Bungoma	324	0	2	98					0	0	Since no information is listed by WRMA, IA is assumed to be zero
45	Busia	350	0	4	1,455	0	0	0	0	0	0	Since no information is listed by WRMA, IA is assumed to be zero
46	Kakamega	5	0	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero
47	Vihiga			0							0	Since no information is listed by WRMA, IA is assumed to be zero
Total		28,245	11,022	25,810	6,470	2,243	113,299	2,827,427	780,339	3,721,065	75,840	
MP in 2009				78,500			(3%)	(76%)	(21%)	(100%)		
National Policy (2009)				45,000								

Table 9.2 Estimated Irrigation Area under Private / Commercial Sector (1/2)

No.	County	Existing Area + On-going Area in NWMP (1992)				Water Permit						Remarks
						Permit holders (Nos)	Dry Season (m^3/day)	Wet Season (m^3/day)	Others (m^3/day)	Total (m^3/day)	Irrigation Area (ha)	
1	Baringo	1,336	0	3	0	36	0	23,905		23,905	774	Total of Kabanet Sub-region, Estiamted by applying unit req't
2	Bomet			0							0	Since no information is listed by WRMA, IA is assumed as zero
3	Bungoma	324	0	2	98					0	0	Since no information is listed by WRMA, IA is assumed as zero
4	Busia	350	0	4	1,455	0	0	0	0	0	0	Since no information is listed by WRMA, IA is assumed as zero
5	Embu	412	0	237	0	151	0	106,544	0	106,544	2,587	Estiamted by applying unit req't
6	Garissa	631	0	4	0	52	0	46,603	0	46,603	1,132	Estiamted by applying unit req't
7	Homa Bay					3	0	401	0	401	10	WRMA's water permit inventory
8	Isiolo	1,106	0	2	0	3	0	6,778	0	6,778	269	WRMA's water permit inventory
9	Kajiado	2,136	0	16	0	10	1,280	2,612	1,096	4,988	150	WRMA's inventory + Estimated area by unit req't
10	Kakamega	5	0	0	0						0	Since no information is listed by WRMA, IA is assumed as zero
11	Kericho	0	0	0	0	12	0	20,937	0	20,937	143	WRMA's water permit inventory
12	Kilifi	80	0	280	0					0	0	Since no information is listed by WRMA, IA is assumed as zero
13	Kirinyaga	354	5,795	149	0	192	0	484,560	0	484,560	11,766	Estiamted by applying unit req't
14	Kisii	0	0	0	2,020	1	0	1,120	0	1,120	7	WRMA's water permit inventory
15	Kisumu	4,382	1,764	0	0	5		121,448		121,448	1,028	WRMA's water permit inventory
16	Kitui	0	0	0	0	29	0	15,460	0	15,460	375	Estiamted by applying unit req't
17	Kuanbu	0	0	11,017	0	151	0	366,578	0	366,578	8,901	Estiamted by applying unit req't (Tana)
	Kuanbu					24	0	12,446	0	12,446	302	Estiamted by applying unit req't (Athi)
18	Kwale	64	0	119	0	1	0	1,757		1,757	2	Estiamted by applying unit req't (Athi)
19	Laikipa	472		126	750	51	0	143,066	0	143,066	1,394	WRMA's water permit inventory
20	Lamu	0	0	0	0						0	Since no information is listed by WRMA, IA is assumed as zero
21	Machakos					40	0	20,205	0	20,205	491	Estiamted by applying unit req't
	Machakos	3,261	0	1,418	0	2	0	800	0	800	43	WRMA's water permit inventory (Kibwezi)
22	Makueni					32	0	46,561	0	46,561	2,658	WRMA's water permit inventory (Kibwezi)
23	Mandera	640	0	0	0						0	Since no information is listed by WRMA, IA is assumed as zero
24	Marakwet	4,356	90	0	0						0	Since no information is listed by WRMA, IA is assumed as zero
25	Marsabit	0	0	0	0						0	Since no information is listed by WRMA, IA is assumed to be zero
26	Meru					566	0	390,040	0	390,040	9,471	Estiamted by applying unit req't (Tana)
	Meru	2,312	0	81	135	34	0	374,102	0	374,102	1,430	WRMA's water permit inventory
27	Migori					1	0	90	0	90	5	WRMA's water permit inventory
28	Mombasa	0	0	0	0						0	Since no information is listed by WRMA, IA is assumed as zero
29	Muranga	38	0	6,205	0	206	0	98,391	0	98,391	2,389	Estiamted by applying unit req't
30	Nairobi	0	0	1,564	0	6		7,550		7,550	183	Estiamted by applying unit req't (Athi)
31	Nakuru	32	0	3,577	0	61		48,778		48,778	1,579	Naivasha Sub-region, Estiamted by applying unit req't
32	Nandi	0	0	2	0	2	0	65	0	65	3	WRMA's water permit inventory
	Nandi (LVN)					2	300	0	0	300	5	WRMA's inventory + Estimated area by unit req't
33	Narok	165	0	12	0	7	0	31,861	0	31,861	168	WRMA's water permit inventory (LVS)

Table 9.2 Estimated Irrigation Area under Private / Commercial Sector (2/2)

No.	County	Existing Area + On-going Area in NWMP (1992)				Water Permit						Remarks
						Permit holders (Nos)	Dry Season (m^3/day)	Wet Season (m^3/day)	Others (m^3/day)	Total (m^3/day)	Irrigation Area (ha)	
	Narok					35		5,152		5,152	167	Estimate (RV)
34	Nyamira			0						0	0	Since no information is listed by WRMA, IA is assumed as zero
35	Nyandarua					2	0	435	0	435	11	Estiamted by applying unit req't (Tana)
	Nyandarua	32	0	114	32	3	0	5,335	0	5,335	192	WRMA's water permit inventory
36	Nyeri					348	0	140,341	0	140,341	3,408	Estiamted by applying unit req't (Tana)
	Nyeri	988	0	615	0	19	0	45,936	0	45,936	1,908	WRMA's water permit inventory (ENN)
37	Samburu	20	0	0	0					0	0	Since no information is listed by WRMA, IA is assumed as zero
38	Siaya	177	0	0	0	1	0	350	0	350	6	Estiamted by applying unit req't
39	South Nyanza	415	0	0	0						0	Since no information is listed by WRMA, IA is assumed as zero
40	Taita Taveta	1,228	0	12	0	24	108,475	185,797	775,768	1,070,040	18,644	WRMA's inventory + Estimated area by unit req't
41	Tana River	548	3,373	0	0	12	0	34,572	0	34,572	839	Estiamted by applying unit req't
42	Tharaka					99	0	27,540	0	27,540	3,097	Estiamted by applying unit req't
43	Trans Nzoia	0	0	241	0	6	3,244	4,135	0	7,379	99	WRMA's inventory + Estimated area by unit req't
44	Turkana	912	0	0	0	4	0	1,647	0	1,647	53	Lodwar sub-region, Estiamted by applying unit req't
45	Uasin Gishu	0	0	8	1,980	4	0	1,120	3,475	4,595	73	Estiamted by applying unit req't
46	Vihiga			0							0	Since no information is listed by WRMA, IA is assumed as zero
47	Wajir	0	0	0	0						0	Since no information is listed by WRMA, IA is assumed as zero
48	West Pokot	1,469	0	2	0	6	0	2,409	0	2,409	78	Kepenguria Sub-region, Wei-Wei of KVDA is exluded from the list,
Total		26,776	11,022	25,810	6,470	2,243	113,299	2,827,427	780,339	3,721,065	75,840	

Source: JICA Study Team

Table 9.3 LVNCA Inventory of Existing Privte/Indulstrial Farms

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Nandi		1CB	Tabitha J. Barorot (Mrs.)	B		3	3	200			24	0		24	Nundoroto			17/8/2009
Nandi	Nandi Central	1FCI	Univ. of Eastern Africa-Baraton	B	2	2	2	100			12	0		12	Baraton dam			2010/7/7
Siaya	Siaya	1 FG	Dominion Farms Ltd.			6	6		350		0	42		42	Yala		Rice	
Trans Nzioa	Trans Nzioa West	1BB	Nehemiah K. Rotich	B	5	2	5	100			12	0		12	Lemon river			29/3/2010
Trans Nzioa	Trans Nzioa West	1BE	Tim Flowers	C		2	2	144			17	0		17	Makoi stream		Flowers	13/5/2009
Trans Nzioa		1BG	Kiboroa Community WP			9	9		530		0	64		64	Kipkulkul river		Horticulture	26/1/2009
Trans Nzioa	Trans Nzioa West	1BG	Sakami Ranches Limited	D	16	52	16		3,200		0	384		384	Sakami		Maize, Beans	16/3/2010
Trans Nzioa	Trans Nzioa West	1BG	West Seed Company Ltd			49	49	3,000			360	0		360	Tongaren		Maize seeds	
Trans Nzioa	Lugari	1CA	Mwanzo Kilimani Horticultural Group	B		7	18		405		0	49		49	Kilimani river			23/8/2007
Uasin Gishu	Uasin Gishu	1CA	Equator Flowers (K) Ltd	B		32	32	1,000	1,000		120	120		240	Sergoit river		Flowers	
Uasin Gishu	Uasin Gishu	1CB	Maji Mazuri Flowers Limited			11	11		675		0	81		81	Maji Mazuri		Flowers	
Uasin Gishu	Uasin Gishu	1CC	Moi University [Main Campus]			29	29		1,800		0	216		216	Kesses dam		Horticulture	
Uasin Gishu	Eldoret East	1CD	Paul Chemugo Chelimo (Mr.)	B	1	2	1	120			14	0		14	Arongai			16/3/2010
Total							183							1,515				

Source: WARMA, December 2010

Note: Category Description (From Part B Fifth Schedule WRM Rules, 2007)

A Water use activity deemed by virtue of its scale to have a low risk of impacting the water resource. Applications in this category will be determined by Regional Offices.

B Water use activity deemed by virtue of its scale to have the potential to make a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices.

C Water use activity deemed by virtue of its scale to have a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices after consideration by the Catchment Area Advisory Committees.

D Water use activity which involves either two different catchment areas, or is of a large scale or complexity and which is deemed by virtue of its scale to have a measurable impact on the

Table 9.4 LVSCA Inventory of Existing Privte/Indulstrial Farms

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Homabay	Suba	1HB	Rasira Fishermen	A	1		1		22						Lake	Pump	Vegitables	2006
Homabay	Mbita	1HC	ICIPE	B	4		4		309						Lake	Pump	Horticulture	2000
Homabay	Tende	1HE	Mr.Edward Rachuonyo	B	4.5		4.5		70						River	Pump	Vegitables	2006
Kericho	Kericho	1GB	Siret Tea Estate	C	6		6		500						River	Pump	Seedlings	2000
Kericho	Kericho	1GB	E A Coffee Plantation	C	36		36		4909						River	Pump	Coffee	2001
Kericho	Kericho	1GB	Mr Rehmat Kardin	D	72		72		10,636						River	Pump	Horticulture	2003
Kericho	Kericho	1GC	Siwot W/P	C	8		8		1,000						River	Pump	Horticulture	2004
Kericho	Kericho	1JB	Kipsigis Girls School	B	1		1		18						River	Pump	Vegitables	2006
Kericho	Kericho	1JB	Kaisugu Limited	B	1		1		18						River	Pump	Vegitables	2006
Kericho	Kericho	1JB	Brooke Bond(k)ltd	B	1.5		1.5		22						River	Pump	Vegitables	2007
Kericho	Kericho	1JB	Brooke Bond(k)ltd	B	2		2		36						River	Pump	Seedlings	2007
Kericho	Kericho	1JB	Brooke Bond(k)ltd	B	2		2		45						River	Pump	Seedlings	2007
Kericho	Kericho	1JB	Brooke Bond(k)ltd	B	1.5		1.5		23						River	Pump	Seedlings	2007
Kericho	Kericho	1JB	African Highlands	C	10		10		3700						River	Pump	Seedlings	2007
Kericho	Kericho	1JF	Kipkebe Limited	B	2		2		30						River	Pump	Seedlings	2009
Kisii	Kisii	1KB	Borabu Flowers	C	7		7		1120						River	Pump	Flowers	2000
Kisumu	Kisumu	1GA	Mr Panuel Odede	B	5		5		363						River	Pump	Horticulture	2002
Kisumu	Nyando	1GD	Homa Lime Company	B	3		3		40						River	Pump	Horticulture	2006
Kisumu	Kisumu	1GD	Kogolo Coop. Soc.	C	8		8		818						River	Weir,Canal	Horticulture	2002
Kisumu	Kisumu	1HA	Passionate Fathers	D	1000		1000		118,182						Lake	Pump	Horticulture	2003
Kisumu	Kisumu	1HA	Kibos Main Prison	D	12		12		2045						River	Pump	Vegitables	2002
Migori	Migori	1KC	Karungu Catholic Church	B	5		5		90						River	Pump	Horticulture	2006
Nandi	N/South	1GD	Tinderet Tea Estates	B	1		1		20						River	Weir,Canal	Horticulture	2006
Nandi	Nandi	1GD	Tendeno Forest Station	B	2		2		45						River	Pump	Seedlings	2004
Narok	Narok	1LB	Shimo Limited	C	20		20		2272						River	Pump	Horticulture	2008
Narok	Narok	1LB	Shimo Limited	C	12		12		1818						River	Pump	Horticulture	2008
Narok	Narok	1LB	Olerai Farm Ltd	C	12		12		1818						River	Pump	Horticulture	2008
Narok	Narok	1LB	Olerai Farm Ltd	C	14		14		2363						River	Pump	Horticulture	2008
Narok	Narok	1LB	Blixen Camp	B	2		2		45.45						River	Pump	Vegitables	2009
Narok	Narok	1LB	Ndakini Ltd	D	100		100		22273						River	Pump	Horticulture	2005
Narok	Narok	ILA	Mr Francis Brown	B	8		8		1272						River	Pump	Horticulture	2001
Total							1,364							0				

Source: WARMA, December 2010

Note: Category Description (From Part B Fifth Schedule WRM Rules, 2007)

A Water use activity deemed by virtue of its scale to have a low risk of impacting the water resource. Applications in this category will be determined by Regional Offices.

B Water use activity deemed by virtue of its scale to have the potential to make a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices.

C Water use activity deemed by virtue of its scale to have a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices after consideration by the Catchment Area Advisory Committees.

D Water use activity which involves either two different catchment areas, or is of a large scale or complexity and which is deemed by virtue of its scale to have a measurable

Table 9.5 RVCA Inventory of Existing Privte/Indulstrial Farms (1/5)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Baringo		Kabarnet	Willam Kaplich Bekibon	A		0	0		9.09			2			Perkerra R.			
Baringo		Kabarnet	Barnaba Kibiego Anayabei	B		1	1		45.45			11			Cheboiwo trib. Of Kessup R.			
Baringo		Kabarnet	A.I.C. Girls Sec School Kessup	A		1	1		18.18			4			Kessup			1994/2/21
Baringo		Kabarnet	Dominic Gichuhi Muhoro	B		1	1		40			10			Tryson			1993/4/6
Baringo		Kabarnet	Francis K. Giithambo	A		1	1		20			5			Nga'ura			
Baringo		Kabarnet	Jeremiah C. Chepkurui	B		2	2		54.55			13			Mogotio			19/5/82
Baringo		Kabarnet	Lari Wendani FCS	D		66	66		2052			492			Wards Stream			2001/3/16
Baringo		Kabarnet	Olmara Farm	B		9	9		272.72			65			Wards			14/8/67
Baringo		Kabarnet	Narosura W/ASS	D		37	37		1135.47			273			Enarosurra			29/5/59
Baringo		Kabarnet	Salt Manufucturers (K) Ltd	D		147	147		4545			1,091			Bailey's			2004/9/15
Baringo		Kabarnet	Joseph M. Chepkonga	A		1	1		18.174			4			Emining			
Baringo		Kabarnet	Kerio Valley Developmen Authority	C		20	20		618			148			Naon			
Baringo		Kabarnet	Barwesa Irrigation Scheme	B		15	15		454.25			109			Yeptos			2002/5/6
Baringo		Kabarnet	Kiptanui Cheruiyot	A		0	0		9.09			2			Emining			1996/12/6
Baringo		Kabarnet	Olepo Scale W/p	B		7	7		227.18			55			Entosopia stream			
Baringo		Kabarnet	Charles C. Chebii	B		4	4		136.36			33			Narosura			18/6/85
Baringo		Kabarnet	Director Of Agriculture	A		1	1		16.16			4			Kinyo/ Endao River			
Baringo		Kabarnet	Kipsaraman C. Mission	B		1	1		36.35			9			Minjibei Kerio			2002/3/13
Baringo		Kabarnet	Kapkuikui Irrigation Scheme	B		15	15		454.5			109			Loboi Swamp			2004/5/27
Baringo		Kabarnet	Jonh Lomechan	C		0	0		9.09			2			Churo			
Baringo		Kabarnet	Baringo Dev. Training Center	B		4	4		113.63			27			Mbara			1975/6/18
Baringo		Kabarnet	James Mwangi Ndinguri	A		0	0		9.1			2			Igwamiti			28/2/94
Baringo		Kabarnet	K.P.T.C Tenges	A		1	1		18.18			4			Kapikogen			
Baringo		Kabarnet	DickSon K Yatich	A		0	0		9.08			2			Kissibere/ Perkera			
Baringo		Kabarnet	Talai W/project	B		3	3		90.9			22			Wainda/Ndau			1990/8/6
Baringo		Kabarnet	Kipsaraman C.Mission	A		0	0		4.54			1			Kipsaraman/Barin			
Baringo		Kabarnet	Sir Micheal Blundell	B		15	15		454.55			109			Trib Maji Tamu			1972/1/19
Baringo		Kabarnet	M. D. Butler	B		3	3		90.82			22			Molo			1975/1/15
Baringo		Kabarnet	Solomon K. Murugu	B		2	2		54			13			Swamp Stream			1994/7/3
Baringo		Kabarnet	Oberholzer Johanees T	B		6	6		181.82			44			Water Falls			1970/2/18
Baringo		Kabarnet	R.Frams Ltd	D		389	389		12000			2,880			C.Gully			28/8/69
Baringo		Kabarnet	Arthur Randolf Swift	B		1	1		36.36			9			Wards			1981/1/7

Table 9.5 RVCA Inventory of Existing Privte/Indulstrial Farms (2/5)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Baringo		Kabarnet	Pyrethrum Board of Kenya	B		11	11		329.54			79			Momoi trib Subukia			23/1/03
Baringo		Kabarnet	John Kimani	B		1	1		45			11			Little Subukia			23/2/77
Baringo		Kabarnet	Symon K.Gathu	B		4	4		113.63			27			Molo			22/11/79
Baringo		Kabarnet	N.B Lambert	B		6	6		181.8			44			Subukia			23/1/94
West Pokot		Kapenguria	IPEET F.C.S. LTD	D		58	58		1800			432			Wei Wei			1993/10/5
West Pokot		Kapenguria	Ortum Village Polytechnic	B		12	12		363.6			87			Morun			1975/2/26
West Pokot		Kapenguria	Lutheran Church of Kenya	A		0	0		9.09			2			Rerebia			1985/2/14
West Pokot		Kapenguria	Director of Agriculture	B		1	1		36.36			9			Sibet			1992/8/6
West Pokot		Kapenguria	Mt. Elgon Orchard	B		4	4		109			26			Kaptega			2004/10/15
West Pokot		Kapenguria	Nimrod Wanguhu	B		3	3		90.91			22			Kaptega			17/3/1987
West Pokot		Kapenguria	Kerio Valley Developmen Authority	D		324	324		10,000			2,400			Wei Wei			
Turkana		Lodwar	Nakwamaru F Association	C		34	34		1045.5			251			Turkwel River			31/3/75
Turkana		Lodwar	Reformed Church	C		18	18		544.909091			131			Wei Wei			1978/6/12
Turkana		Lodwar	Elelea Irrig Scheme	B		2	2		56.1			13			Kerio			2004/4/28
Turkana		Lodwar	Nakwamoru Farmers Association			0	0					0			Turkwel			
Nakuru		Naivasha	Mahee Flowers Limited	**C**		25	25		772.73			185			Malewa River			2006/3/10
Nakuru		Naivasha	Maleshani Estates Limited	B		7	7		209			50			Malewa River			2005/12/16
Nakuru		Naivasha	Double Dutch Limited	B		9	9		272.73			65			L. Naivasha			2006/12/7
Nakuru		Naivasha	Brixia Ltd	C		44	44		1363.6			327			L. Naivasha			
Nakuru		Naivasha	Sher Agencies (k) Ltd	C		34	34		1050			252			L. Naivasha			2005/6/15
Nakuru		Naivasha	Sher Agencies Limited	C		34	34		1045			251			Naivasha			38952
Nakuru		Naivasha	Safari Horticultural LTD	**C**		15	15		454.5			109			L. Naivasha			2004/6/4
Nakuru		Naivasha	Joseph Ngatia Murimi	B		1	1		27			6			Malewa River			1994/5/4
Nakuru		Naivasha	Sam Erasto & Partners	A		1	1		18			4			L. Naivasha			
Nakuru		Naivasha	John Pius Mugo	A		0	0		9.09			2			Turasha river			1985/11/7
Nakuru		Naivasha	Samuel Ngethe	A		0	0		9.1			2			Kiruiru tributary			
Nakuru		Naivasha	Kiama Farm(Charles Wanguhu)	B		15	15		472.72			113			Little Gilgil			1972/7/27
Nakuru		Naivasha	Noram Roses (K) Ltd.	B		9	9		272.7			65			L. Naivasha			1993/10/11
Nakuru		Naivasha	Greylag Farm	C		40	40		1236.36			297			L. Naivasha			16/7/1969
Nakuru		Naivasha	Maiella Ltd	D		44	44		1363.64			327			Big Kedong			
Nakuru		Naivasha	Brixia Ltd	C		29	29		909.09			218			L. Naivasha			2009/9/29
Nakuru		Naivasha	Chorwa Co.ltd	B		3	3		100			24			Wanjohi river			23/8/04
Nakuru		Naivasha	Gachege Kihika	A		1	1		18.18			4			Lanet			
Nakuru		Naivasha	Safari Horticulture Ltd	B		15	15		454.5			109			L. Naivasha			2007/9/4
Nakuru		Naivasha	Pepco Kenya Ltd.	B		15	15		454.55			109			L. Naivasha			2007/7/2
Nakuru		Naivasha	Kinoru Farms Ltd	C		25	25		772.72			185			Crater Stream			1989/5/30
Nakuru		Naivasha	Loldia Ltd	D		275	275		8509			2,042			L. Naivasha			2005/6/27
Nakuru		Naivasha	Marula Estates Ltd.	C		44	44		1363.63			327			Malewa River			2008/5/14

Table 9.5 RVCA Inventory of Existing Privte/Indulstrial Farms (3/5)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Nakuru		Naivasha	J.B. Pollard	D		66	66		2045.5			491			Olbariita River			1979/8/8
Nakuru		Naivasha	Marula Estates Ltd	D		118	118		3636.4			873			Malewa River			2003/4/22
Nakuru		Naivasha	Loldia Ltd	C		44	44		1363.64			327			L. Naivasha			21/5/03
Nakuru		Naivasha	Home Grown K. Ltd.	C		58	58		1800			432			L. Naivasha			13/6/07
Nakuru		Naivasha	Marula Estates Ltd	D		118	118		3636			873			Malewa River			2005/3/10
Nakuru		Naivasha	Brixia Ltd.	C		44	44		1363.63			327			L. Naivasha			2008/11/28
Nakuru		Naivasha	Stephen Mwangi Njehia	B		1	1		44			11			Turasha river			1987/2/24
Nakuru		Naivasha	Water Pipe S.H.Group	A		0	0		9			2			Kinungi			2004/4/26
Nakuru		Naivasha	Adbrico Ltd.	A		1	1		18.18			4			L.Gilgil			1988/4/28
Nakuru		Naivasha	Olmorogi Ltd	B		7	7		218.18			52			Biazi			1962/11/9
Nakuru		Naivasha	Lake Flowers Ltd.	B		6	6		196.8			47			L. Naivasha			28/4/04
Nakuru		Naivasha	Chabuthwa Ph 2 W/project	B		6	6		182.6			44			Malewa River			17/8/05
Nakuru		Naivasha	Willie Ngumi	B		4	4		136.36			33			Ruriu River			27542
Nakuru		Naivasha	Teresiah M .Karanja	B		1	1		45.4			11			L. Naivasha			
Nakuru		Naivasha	T.P.K. Scade	B		3	3		90			22			L. Naivasha			1993/5/24
Nakuru		Naivasha	Kahura Kithire	A		0	0		9.09			2			Mereroni			1997/10/4
Nakuru		Naivasha	Serah N.Nyambura Kamau	B		12	12		360			86			L. Naivasha			13/7/99
Nakuru		Naivasha	Winds of change	B		4	4		113.6			27			L. Naivasha			2004/6/10
Nakuru		Naivasha	Nderit estates	A		0	0		5.2245			1			L. Naivasha			30/4/80
Nakuru		Naivasha	sundance ltd	B		12	12		363.63			87			L. Naivasha			13/6/89
Nakuru		Naivasha	Rhoda Ndumbe Karemba	B		1	1		45.45			11			Malewa River			22/9/93
Nakuru		Naivasha	Marula Est. Ltd	B		11	11		336.36			81			Giligil River			1993/3/11
Nakuru		Naivasha	Kimisoi A Sitonik	A		0	0		9.09			2			Maji Matamu			
Nakuru		Naivasha	Twajenga holdings	B		1	1		45.4			11			Crater Stream			
Nakuru		Naivasha	Oserian Dev.Company	C		18	18		545.45			131			L. Naivasha			2002/11/12
Nakuru		Naivasha	Oserian Dev.Company	D		88	88		2727.27			655			L. Naivasha			22/4/03
Nakuru		Naivasha	Ol-njorowa Ltd	C		30	30		927.272			223			L. Naivasha			2003/4/14
Nakuru		Naivasha	Manager Mbaruk Ltd.	A		1	1		18.18			4			North Gilgil			31/3/04
Nakuru		Naivasha	Aqiulla Dev. Company	C		59	59		1818.18			436			Lare Nawasha			22/9/05
Nakuru		Naivasha	Maasai Mara Sopa Lodge	A		0	0		9.9			2			L. Naivasha			2008/12/2
Nakuru		Naivasha	Salt Manufacturers .K Limited	B		15	15		454.55			109			Solai			21/7/05
Nakuru		Naivasha	Kenya Ploughman Ltd	C		21	21		636.363			153			Malewa River			
Nakuru		Naivasha	Brixia Limited	B		6	6		181.8			44			Naivasha			2004/9/2
Nakuru		Naivasha	Loldia Ltd	C		44	44		1363.6			327			L. Naivasha			27/6/05
Nakuru		Naivasha	Kentmere F.Co.Ltd	A		1	1		18.181			4			Ruriu			15/12/89
Nakuru		Naivasha	Gitligini Ltd.	B		13	13		409.09			98			L. Kedong			1989/6/11

Table 9.5 RVCA Inventory of Existing Privte/Indulstrial Farms (4/5)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Nakuru		Naivasha	Mahee Flowers Limited	C		26	26		800			192			Malewa River			
Nakuru		Naivasha	Home Grown K. Ltd.	C		53	53		1636.4			393			L. Naivasha			
Narok		Narok	Philiph M Maina	A		1	1		18.18			4			Kiruiru			2005/2/14
Narok		Narok	Davis Rose			0	0					0			Trib of Siyapei			
Narok		Narok	Koigi Njoroge	B		2	2		54.52			13			Tongi Tongi			15/4/04
Narok		Narok	Konei Scale Irr Canal	B		7	7		227.18			55			Ewaso Nyiro.			
Narok		Narok	Musa leseiyo	B		6	6		200			48						30/2/04
Narok		Narok	Darkalalui Scale Irr Scheme	B		7	7		227.18			55			Entosopia			22/7/2005
Narok		Narok	Entosopia S.S Irr	B		7	7		227.18			55			Entosopia			
Narok		Narok	Eremit Scale Irr	B		12	12		356.8			86			Eremit/Oloibortot			18/8/2005
Narok		Narok	Sandito Stephen	B		1	1		45.5			11			Ewaso Ngiro			
Narok		Narok	Olkiramatian Ngurumani Sch.	B		15	15		454.35			109			Olabortoto river			1999/4/2
Narok		Narok	Olkiramatian Ngurumani Sch.	B		15	15		454.35			109			Olabortoto river			1999/4/2
Narok		Narok	Okiramatian Nguramani	B		15	15		454.35			109			Oloibortoto			1999/4/2
Narok		Narok	Paul Saiyialei k	A		1	1		18.18			4						
Narok		Narok	Nuhu Ogeto Atambo	B		1	1		27.27			7			Ewaso Ngiro			18/4/07
Narok		Narok	Solomon S.O Kuluo	A		0	0		13.6			3			Enkare Narok			28/3/07
Narok		Narok	Nato Bible College	B		1	1		18.18			4			Engare Narok			18/4/07
Narok		Narok	Paul Saruni Ntaiya	A		1	1		18.18			4			Enkare Siyiapei			18/4/07
Narok		Narok	Juma Kaniki	A		1	1		18.18			4			Kanunka			18/4/07
Narok		Narok	Hellen W.Ngeru	B		1	1		36.36			9			Ewsao Ngiro River			18/4/07
Narok		Narok	LooyeiyoOle Ntutu	B		1	1		36.36			9						
Narok		Narok	J. Ongati Nyachiro	A		1	1		18.18			4						
Narok		Narok	Ndungu Kamau	B		1	1		35.2			8			Tongi Tongi Maimahiu			27/12/91
Narok		Narok	Joseph G Muiruri	B		1	1		22.7			5			Kiruiru/Matathia			20/7/04
Narok		Narok	Philiph M Maina	A		1	1		18.2			4			Kiruiru river			14/2/05
Narok		Narok	Solomon T. Naanyu	A		1	1		18			4			Enkare Narok			1999/4/2
Narok		Narok	Narok Prison	B		1	1		45.4			11			Narok River			22/9/93
Narok		Narok	Samson L. Koros	A		1	1		18			4			Ewaso Ngiro			27/7/05
Narok		Narok	Olkiramatian Ngurumani Irrigation Scheme	B		15	15		454.35			109			Entasopis/ Kajiado			
Narok		Narok	Sahara Ibrahim Adan	B		1	1		27.27			7			Ewaso Ngiro			18/8/04
Narok		Narok	Solomon Lasiti Nkepai	B		3	3		90.9			22			Ewaso Kedong			
Narok		Narok	Samuel Mathenge	B		1	1		18.2			4			Ewaso Ngiro			2004/12/21
Narok		Narok	Clumlin Estate (M.Githere)	B		3	3		90.9			22			Bahathi			31/8/67

Table 9.5 RVCA Inventory of Existing Privte/Indulstrial Farms (5/5)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Narok		Narok	Ol Kiramatian Ngurumani	B		15	15		454.35			109			Entasopia/ Magadi			
Narok		Narok	Ol Kiramatian Ngurumani	B		15	15		454.35			109			Entasopia/ Magadi			2004/7/7
Narok		Narok	Nguru Man Ltd	B		16	16		480.15			115			Osasiruai river			2002/4/8
Total							157							0				

Source: WARMA, December 2010

Note: Category Description (From Part B Fifth Schedule WRM Rules, 2007)

A Water use activity deemed by virtue of its scale to have a low risk of impacting the water resource. Applications in this category will be determined by Regional Offices.

B Water use activity deemed by virtue of its scale to have the potential to make a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices.

C Water use activity deemed by virtue of its scale to have a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices after consideration by the Catchment Area Advisory Committees.

D Water use activity which involves either two different catchment areas, or is of a large scale or complexity and which is deemed by virtue of its scale to have a measurable impact on the

Table 9.6 ACA Inventory of Existing Privte/Indulstrial Farms (1/3)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Machakos	Mwala	3DB	Kabaa Irrgation Scheme	D	18		18		350						Athi River	Weir to canal	Maize	
Machakos	Kathiani	3DB	Kauti Irrigation Scheme	C	25		25		450						Muoni tributery of Thwake	Weir	Tomatoes	
Makueni	Kibwezi	3DB	Linda Camm Enterprises	C	5		5		108						Athi River	Pump	Tomatoes	
Makueni	Kibwezi	3DB	Harris Mule Mutio	C	18		18		540						Athi River	Pump	Mangoes	
Makueni	Kibwezi	3DB	Ashvin Bhogaita	C	60		60		540						Athi River	Pump	Mangoes	
Makueni	Makueni	3DB	Athi Hope Farmers Self Help Group	B	20		20		50						Spring Trib. Of Athi River	Pump	Horticulture	2009/11/2
Makueni	Makueni	3DB	Vai Munaany'o kwa Nzula Water Project	B	15		15		45						Spring Trib. Of Athi River	Pump	Horticulture	2009/12/2
Makueni	Makueni	3DB	Kanini Kaseo Kyase Kithuki Water Group	B	15		15		45						Spring Trib. Of Athi River	Pump	Horticulture	16/2/2009
Makueni	Makueni	3DB	Wendo wa Kathi Dam Self Help Group	B	20		20		50						Spring Trib. Of Athi River	Pump	Horticulture	16/2/2009
Makueni	Makueni	3DB	Winyivyo Women Group	B	20		20		50						Spring Trib. Of Athi River	Pump	Horticulture	16/2/2009
Makueni	Makueni	3DB	Iani Woni Hortcultural Self Help Group	B	20		20		45						Athi River	Pump	Horticulture	16/2/2009
Makueni	Makueni	3DB	Kyase Exodus Farmers Self Help Group	B	20		20		45						Spring Trib. Of Athi River	Pump	Horticulture	2009/12/2
Makueni	Makueni	3DB	Utethyo wa Musyi - Nzeveni Self Help Group	B	20		20		50						Spring Trib. Of Athi River	Pump	Horticulture	2009/11/2
Makueni	Kibwezi	3DB	Jimmy Heather Hayes	B	2		2		45						Athi River	Pump	Horticulture	
Makueni	Makueni	3EC	Kyemwea 'A' Kiatine S.H.G	C	48		48		432						Kaiti River	Weir to pipeline	Tomatoes	2008/11/10
Makueni	Makueni	3EC	Kyemwea 'B' Kiatine S.H.G	C	48		48		432						Kaiti River	Weir to pipeline	Tomatoes	2008/11/4
Makueni	Makueni	3EC	Kyemwea 'C' Kiatite S.H.G	C	54		54		482						Kaiti River	Weir to pipeline	Tomatoes	2008/11/10
Makueni	Kibwezi	3FA	Kwa Kyai Irrigation Scheme	D	800		800		15000						Kibwezi river	Weir to canal	Maize	
Makueni	Makueni	3FA	Woni wa Matwiku	C	5		5		90						Ndolo stream of Kikuu	Pump	Mangoes	
Makueni	Makindu	3FA	KARI-ICRISAT	B	9		9		80						Kiboko river	Pump	Maize	
Makueni	Makindu	3FA	Gregory Wambua Kiluva	B	10		10		90						Kiboko river	Pump	Paw Paws	
Makueni	Makindu	3FA	KARI-CYMMYT	B	10		10		95						Kiboko river	Pump	Maize	
Makueni	Kibwezi	3FB	Fruity Fruits Ltd	D	100		100		900						Athi River	Pump	Mangoes	
Makueni	Kibwezi	3FB	Mzuri Growers ltd	C	60		60		540						Athi River	Pump	Mangoes	
Makueni	Kibwezi	3FB	Dubasia Vegetable Growers Ltd	C	110		110		990						Athi River	Pump	Mangoes	
Makueni	Kibwezi	3FB	Walter Styne(Ngoto farm)	D	180		180		1620						Athi River	Pump	Mangoes	2009/1/20
Makueni	Kibwezi	3FB	Greenlands Agro-ProducersLtd	C	118		118		1062						Kibwezi river	Pump	Maize	
Makueni	Kibwezi	3FB	Jan-Van-Den-Abeele	B	5		5		45						Kibwezi river	Pump	Mangoes	
Makueni	Kibwezi	3FB	TARDA	C	51		51		459						Kibwezi river	pump	Mangoes	
Makueni	Kibwezi	3FB	Bonface Kithikii Ndundu	C	15		15		135						Kibwezi river	Pump	Mangoes	
Makueni	Kibwezi	3FB	ABC - Kibwezi Farm	B	5		5		90						Kibwezi river	Pump	Mangoes	
Makueni	Kibwezi	3FB	University of Nairobi	D	600		600		18000						Kibwezi river	Pump	Horticulture	
Makueni	Kibwezi	3FB	Manooni Small Holdings Irrigation Project	D	195		195		4406						Manooni Spring Trib. of Kibwezi river	Pump	Horticulture/ Maize	
Kajiado	Loitokitok	3G	Ilaretok Furrow 'B'	C	27		27			300				54,000	Spring	Canal	Tomato/onions/maize	18/5/2009
Kajiado	Loitokitok	3G	Osoit furrow water association	D		16	16			656				118,080	Spring	Canal	Tomato/onions/maize	22/5/2005
Kajiado	Loitokitok	3G	Kimana Tikondo irrigation scheme	C		52	52		2156					388,080	Spring	Canal	Tomato/onions/maize	2007/4/12
Kajiado	Loitokitok	3G	Olchoro-Onyoike water project	C	5		5		198					35,640	Spring	Canal	Tomato/onions/maize	30/7/2004
Kajiado	Loitokitok	3G	Mutavi's Family	D	3		3							0	Spring	Pump	Tomato/onions/maize	25/6/2007

Table 9.6 ACA Inventory of Existing Privte/Indulstrial Farms (2/3)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Kajiado	Loitokitok	3G	Raphael Waweru & Nyaga	B	20		20							0	River	pump	Tomato/onions/maize	26/3/1980
Kajiado	Loitokitok	3G	Allan Paul Njoroge Kachunga	B		2	2			92				16,560	Spring	canal	Tomato/onions/maize	25/4/2006
Kajiado	Kajiado	3G	Naarok Lukuny Water Project	B	2		2			48				8,640	Spring	pump	Tomato/onions/maize	21/2/1992
Kajiado	Kajiado	3N	PCEA-Enkongu Commmunity Water Project	C		6	6		257.6					46,368	River		Tomato/onions/maize	2004/11/6
Kajiado	Kajiado	3N	IVREA Sisters Congregation	C		0	0							0	River	Canal	Tomato/onions/maize	25/5/1999
Taita-Taveta	Taveta	3J	Benjamin M. Kaleli	C		159	159		6555.2					1,179,936	River	Canal	Tomato/onions/maize	30/8/2004
Taita-Taveta	Taveta	3J	Gicheha Farm Ltd. Ziwani Estate	D		177	177		7269.6					1,308,528	River	Canal	Tomato/onions/maize	20/01/2009
Taita-Taveta	Taveta	3J	Samuel M. Kisuu	B	2		2		9.25					1,665	River	Pump	Tomato/onions/maize	28/6/1990
Taita-Taveta	Taveta	3J	Kenya Trade & Development(Jipe Sisal Estate)	D	2,031		2,031		85,000					15,300,000	Spring	Canal	Tomato/onions/maize	1989/10/5
Taita-Taveta	Taveta	3J	Kamleza Irrigation Scheme	D		0	0							0	Spring	Canal	Tomato/onions/maize	1980/11/6
Taita-Taveta	Taveta	3J	Majengo Irrigation Scheme	C		0	0							0	Spring	Canal	Tomato/onions/maize	26/3/1980
Taita-Taveta	Taveta	3J	Isaac Renzi Rawani Mrutu	D		3	3		141.76					25,517	Spring		Tomato/onions/maize	22/7/1993
Taita-Taveta	Taveta	3J	Benjamin Chege	B	8		8							0	River	Pump	Tomato/onions/maize	1990/8/5
Taita-Taveta	Taveta	3J	Macharia Wanyoike	B	2		2							0	Spring	Pump	Tomato/onions/maize	26/9/1991
Taita-Taveta	Taveta	3J	Mamuracha water project	D		109	109		4480					806,400	Spring	Canal	Tomato/onions/maize	26/6/1990
Taita-Taveta	Taveta	3J	Wilfred Rama Leshamta	C	5		5							0	Spring	Canal	Tomato/onions/maize	1990/4/5
Taita-Taveta	Taveta	3J	Daniel M. Kamuti	B		0	0		0.45					81	River	Pump	Tomato/onions/maize	1991/3/4
Taita-Taveta	Taveta	3J	Tuhire Challa Water Irrigation Scheme	B	385		385			27,820				5,007,600	River	Canal	Tomato/onions/maize	14/6/1989
Taita-Taveta	Taveta	3J	Wilfred Peter Karanja	B	4		4		1400	101.4				270,252	River	Pump	Tomato/onions/maize	14/8/1984
Taita-Taveta	Taveta	3J	Kimorigho Irrigation Scheme	D		594	594		24,475					4,405,500	Spring	Canal	Tomato/onions/maize	31/7/1986
Taita-Taveta	Taveta	3J	Kanini Kaseo Women Group	C	8		8			181.74				32,713	Spring	Canal	Tomato/onions/maize	1988/12/2
Taita-Taveta	Taveta	3J	Kenya Trade & Development (Taveta Sisal Estate)	D	812		812		14,710.94					2,647,969	Spring	Canal	Tomato/onions/maize	23/7/1985
Taita-Taveta	Taveta	3J	Kimala Irrigation Scheme	D	335		335			7278.3				1,310,094	Spring	Canal	Tomato/onions/maize	27/1/1987
Taita-Taveta	Taveta	3J	African Locational Council (Taveta Location)	D		66	66			2700				486,000	Spring	Canal	Tomato/onions/maize	28/10/1959
Taita-Taveta	Taveta	3J	Gicheha Farm Ltd.-Njoro Springs	D	11,339		11,339		41727.27					7,510,909	River	Canal	Tomato/onions/maize	22/7/1986
Taita-Taveta	Taveta	3J	Menezes & Partners For Tsavo Motels Ltd.	B	4		4			10				1,800	River	Canal	Tomato/onions/maize	31/01/1973
Taita-Taveta	Taveta	3J	Njukini Co-operative Society		400		400							0	Spring	Canal	Tomato/onions/maize	29/11/1983
Taita-Taveta	Taveta	3J	Sir-Ramson Kithito		175		175		28	2700				491,040			Tomato/onions/maize	
Kiambu			Kwetu Coffee Estate	C		3	3		120			22		22	Kyanyzui			22/3/2010
Kiambu			S.D.P Growers	C		4	4		180			32		32	Donyo Sabuk			2007/11/12
Kiambu			Bright Growers	C		4	4		153			28		28	"			2007/11/12
Kiambu		3B	Kigutha Famers Company Ltd.	D		49	49		2,000			360		360	Ithiru			20/3/08
Kiambu			Three IVST. Ltd.	C		5	5		189			34		34	Limuru			14/07/08
Kiambu			Lihasi Bidali (Tropifloral ltd)	C		19	19		800			144		144	Limuru			16/07/08
Kiambu			Black Petals ltd.	C		34	34		1,400			252		252	Kiamba			18/08/08

Table 9.6 ACA Inventory of Existing Privte/Indulstrial Farms (3/3)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Diversion method (pump, weir, etc)	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)				
Kiambu			Kariki ltd.	C		27	27		1,100			198		198	Juja			24/11/08
Kiambu			Valentine G.C Ltd	C		2	2		100			18		18	Kiamba			14/5/09
Kiambu			Valentine G.C Ltd	C		8	8		345			62		62	Kiamba			21/5/09
Kiambu			Valentine G.C Ltd	C		18	18		750			135		135				21/5/09
Kiambu			Iithoni W/P S H G	C		4	4		148			27		27				22/5/09
Kiambu			Acme Containers Ltd.	B		1	1		36			6		6	Kiambaa			2010/6/1
Kiambu			Cordia Ltd	C		17	17		700			126		126	Kiu			2011/12/1
Kiambu			Julius Kimani Kimingi	C		7	7		273			49		49	Tigoni			17/4/08
Kiambu			Tsara Rozen (K) Ltd	B		2	2		91			16		16	Tigoni			1900/1/14
Kiambu			SOCFINAF Com. (Oakland Estate)	C		56	56		2,300			414		414	Ruiru			2007/12/11
Kiambu			Maramba Tea Factory	B		2	2		70			13		13	Tigoni			2008/10/3
Kiambu			Samuel Kamande Ngugi	B		0	0		4			1		1	Ndumberi			14/3/07
Kiambu			Salyviah Wanjiru W.	B		0	0		15			3		3	Kikuyu			17/9/09
Kiambu			Bekya FloriCultuter Ltd.	C		7	7		270			49		49	Karura			2007/7/11
Kiambu			Pollen ltd.	C		6	6		250			45		45	Ruiru			2007/12/11
Kiambu			Kariki Ltd.	C		27	27		1,100			198		198	Juja			2008/3/4
Kiambu			Pendekezo Letu	B		1	1		53			10		10	Juja			2008/1/12
Kiambu			Kwale Sugar Inter	C		2	2		100			18		18	Kivomonyo			30/6/09
Nairobi			TC Noad &PA White (Renewal)	B		0	0		10			2		2	Mbagathi			2007/7/3
Nairobi			Help For Brehten Trust	B		0	0		15			3		3	Karen			14/07/08
Nairobi			Kagiri Ndirage	D		182	182		7,498			1,350		1,350	Karen			2009/9/7
Nairobi			Hotel Bulevaid	A		0	0		5			1		1	River BA			15/1/07
Nairobi			Hotel Brulevard (Sentrink Ltd)	B		0	0		5			1		1				21/08/08
Nairobi			Philip Howell Rees	B		1	1		18			3		3	Karen			21/08/08
Total							19,941							41,456,989				

Source: WARMA, December 2010

Note: Category Description (From Part B Fifth Schedule WRM Rules, 2007)

A Water use activity deemed by virtue of its scale to have a low risk of impacting the water resource. Applications in this category will be determined by Regional Offices.

B Water use activity deemed by virtue of its scale to have the potential to make a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices.

C Water use activity deemed by virtue of its scale to have a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices after consideration by the Catchment Area Advisory Committees.

D Water use activity which involves either two different catchment areas, or is of a large scale or complexity and which is deemed by virtue of its scale to have a measurable impact

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (1/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Embu	Mbeere	4D	Alfred N. Mwaniki	C		4	4		180			32400		32400	Masinga Dam	2007/11/19
Embu	Embu	4D	Samuel Mbugua(Grace Wanjiru Mbugua)	C		3	3		127			22860		22860	Kapingazi	2007/4/24
Embu	Mbeere	4DA	Rev. Ezekiel Mwige Njiru	D		7	7		294			52882		52882	Thiba	2008/7/23
Embu	Embu	4DA	Kamavindi Gatunduri Irrigation Scheme	C		16	16		675			121500		121500	Kii Trib. Of Rupingazi	2006/9/1
Embu	Mbeere	4DA	Joseph Maringa Ngari	B		3	3		110			19800		19800	Thiba	2006/11/29
Embu	Mbeere South	4DA	Duncan Wachira	B		1	1		45			8181		8181	Thiba River	
Embu	Mbeere	4DC	Fides (K) Ltd.	D		89	89		3,681			662580		662580	Rupingazi River	2005/8/7
Embu	Embu	4DC	Mwienderi/Mugamba Ciura S.H. Group	C		17	17		691			124380		124380	Rupingazi River	2009/1/21
Embu	Mbeere	4DC	Elijah Nyaga Murianga	B		11	11		454			81792		81792	Rupingazi River	2006/12/5
Embu	Mbeere	4DC	Michael Kamunda Mbungu	C		44	44		1,800			324000		324000	Rupingazi River	2007/5/30
Embu	Embu	4DC	Kavari/Kamavindi	B		10	10		427			76914		76914	Thambana River	2010/1/18
Embu	Embu	4DC	Nthambo-Njukiri Irrigation Project	C		39	39		1,600			288000		288000	Kapingazi River	2008/1/30
Embu	Embu	4DC	Kiria Self Help Group	B		2	2		100			18000		18000	Thambana River	2009/1/22
Embu	Embu	4DC	Kamavindi/Gatunduri Multi-Purpose Society Ltd	C		17	17		682			122670		122670	Kii Stream Trib. Of Rupingazi	2008/1/30
Embu	Mbeere	4DC	Gaspar N. Wanjau	B		2	2		91			16344		16344	Rupingazi	2008/8/5
Embu	Embu	4DC	Kithinji Kiragu	B		4	4		182			32727		32727	Rupingazi	2008/6/4
Embu	Mbeere	4DC	Highland Canners Limited	B		8	8		341			61380		61380	Rupingazi	2008/5/21
Embu	Mbeere	4DC	Thomas Nthambiri Paul	B		10	10		400			72000		72000	Thiba River	2007/11/7
Embu	Embu	4DC	Nyaga Njiru	B		0	0		18			3272		3272	Ena River	1990/8/28
Embu	Mbeere	4DC	Michael Kamunda Mbungu	D		55	55		2,272			408920		408920	Rupingazi	2008/9/12
Embu	Embu	4DC	Mwiria Multi-Purpose Co-op. Society Limited	C		17	17		700			126000		126000	Nyanjara	2008/1/30
Embu	Embu	4DC	Walter Njiru, Benjamin Gicubi & Arthur Karembu	B		2	2		62			11128		11128	Kiri	1975/1/22
Embu	Embu	4DC	Kapingazi kamiu Self Help Group	C		3	3		105			18821		18821	Kapingazi	2008/3/14
Embu	Embu	4DC	Kithiria Kii Self Help Irrigation Project	C		4	4		182			32724		32724	Kii Trib. Of Rupingazi	2008/3/7
Embu	Embu	4DC	Kibugu Nguviu Irrigation Project	D		113	113		4,648			836640		836640	Rupingazi River	2005/9/23
Embu	Embu	4DC	Kiaga Community Based Irrigation Project	D		96	96		3,941			709362		709362	Rupingazi	2005/11/11
Embu	Mbeere	4DC	Gibson Hubert Ngari Rufuti	B		4	4		182			32727		32727	Rupingazi River	2006/2/28
Embu	Embu	4DC	Muvandori/Mukonoku S.H. Group	B		12	12		481			86623		86623	Karati Stream	2006/2/5
Embu	Embu	4DC	Kathangariri S.H. Group	D		61	61		2,500			450000		450000	Rupingazi River	2006/4/24
Embu	Mbeere	4DC	James Mbiti Mutugo	C		20	20		810			145800		145800	Rupingazi River	2006/6/26
Embu	Embu	4DC	Richard Njagi Julius	B		1	1		27			4860		4860	Ena River	2006/5/24
Embu	Embu	4DC	Floratech Limited	B		3	3		136			24516		24516	Rupingazi River	2006/6/22
Embu	Embu	4DC	Karau Self Help Group	C		13	13		554			99792		99792	Thambana River	2004/4/13
Embu	Embu	4DC	Ndwiga Njiru	B		1	1		55			9810		9810	Kapingazi River	2006/6/15
Embu	Embu	4DC	Mbarari Karingi & Mbarari Karingi	B		9	9		364			65466		65466	Rupingazi River	2006/7/17
Embu	Embu	4DC	Nicasio Njiru Minjeru	B		2	2		73			13086		13086	Ena River	2006/7/3
Embu	Embu	4DC	Mbeti South Development Programme	D		66	66		2,727			490914		490914	Rupingazi Trib. Of Thiba River	2006/7/31
Embu	Embu	4DC	Kibugu Nguviu Irrigation Project	D		113	113		4,648			836640		836640	Rupingazi River	2006/8/3
Embu	Embu	4DC	Ena Irrigation Scheme Self Help Group	D		36	36		1,480			266400		266400	Ena River	2006/11/27
Embu	Embu	4DC	Mwiria Valley S.H. Group	C		17	17		700			126000		126000	Nyanjara	2003/9/12
Embu	Embu	4DC	Itabua Muthatari Water Project	D		110	110		4,545			818181		818181	Rupingazi	2005/9/20

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (2/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Embu	Mbeere	4DC	Elijah Nyaga Murianga	C		11	11		454			81792		81792	Rupingazi River	2004/3/16
Embu	Embu	4DC	Gacuka Gichangai Self Help Group	B		7	7		282			50722		50722	Gichangai River	2006/9/22
Embu	Embu	4DC	Runga Irrigation Scheme	C		14	14		591			106362		106362	Nyanjara Stream	2005/9/22
Embu	Embu	4DC	Kiambutu S. H. Group	B		3	3		136			24516		24516	Nyanjara	2006/10/9
Embu	Embu	4DC	Karugiro S. H. Group	B		2	2		90			16200		16200	Thambana	2004/3/3
Embu	Embu	4DC	Kiamurwa S. H. Group	C		18	18		755			135828		135828	Rupingazi	2003/1/13
Embu	Embu	4DC	Kandue/ Nthumbiri S.H. G	B		4	4		145			26172		26172	Thambana River	2007/1/30
Embu	Embu	4DC	Kiinu Self Help Group	B		1	1		55			9810		9810	Ena	2007/8/3
Embu	Embu	4DC	Kenneth Njeru Kobuthi	B		0	0		18			3276		3276	Kapingazi River	2004/6/7
Embu	Embu	4DC	Kianduka Irrigation Self Help Group	B		6	6		250			45000		45000	Kithagana	2007/2/14
Embu	Embu	4DC	Rupingazi Ngerwe Irr. S.H Group	C		24	24		982			176726		176726	Rupingazi River	2006/10/18
Embu	Embu	4DC	Murinduko irrigation Water Project	D		79	79		3,263			587304		587304	Rupingazi	2010/4/29
Embu	Mbeere	4DC	Makimbomwe S. H Water Project	C		26	26		1,090			196200		196200	Tana River	2004/6/22
Embu	Mbeere	4DC	Ernest Muriuki Mungai & Partners	B		11	11		454			81783		81783	Rupingazi	2006/8/28
Embu	Embu	4DC	Francis Njoroge Kinuthia	B		0	0		20			3600		3600	Upper Itabua	2004/2/25
Embu	Mbeere	4DC	Gibson Hubert Ngari Rufuti	B		4	4		182			32727		32727	Rupingazi	2006/9/11
Embu	Mbeere	4DC	Justus Njagi Nyaga	B		11	11		454			81783		81783	Rupingazi	2000/2/11
Embu	Embu	4DC	Alber Macharia Njauni	B		1	1		22			4009		4009	Ena River	2001/9/27
Embu	Embu	4DC	Gatonye Victor Kariuki	B		5	5		225			40500		40500	Rupingazi	1997/3/11
Embu	Embu	4DC	Abraham Wambugu Gachanja	B		1	1		45			8172		8172	Itabua	1993/2/23
Embu	Mbeere	4DC	Maina Kariuki	B		7	7		272			49009		49009	Rupingazi	1990/10/9
Embu	Mbeere	4DC	Nganga Munene	B		6	6		227			40891		40891	Rupingazi	1991/11/3
Embu	Mbeere	4DC	Symon Wachira Mwaniki	B		11	11		455			81818		81818	Rupingazi	1990/2/2
Embu	Embu	4DC	Kangaru School	C		5	5		191			34364		34364	Kapingazi	1989/10/13
Embu	Mbeere	4DC	Alexander Njagi Ngarari	B		3	3		105			18817		18817	Rupingazi	1987/4/21
Embu	Embu	4DC	Embu Agricultural Training College (EAST)	B		1	1		27			4909		4909	Kapingazi	1967/2/22
Embu	Embu	4DC	Hukam Devi Aftar Singh	B		1	1		36			6545		6545	Kanjikeru Stream	2008/6/26
Embu	Embu	4DC	Kiamurwa S. H. Group	C		18	18		755			135828		135828	Rupingazi River	
Embu	Embu	4DC	Kiambogo/ Kauga S.H Group	B		4	4		146			26190		26190	Gichangai River	
Embu	Embu	4DC	Nyanjara Irrigation Self Help Group	B		11	11		454			81783		81783	Nyanjara	
Embu	Embu	4DC	Alexander Mwenje Kangethe	B		1	1		45			8178		8178	Kapingazi	
Embu	Embu	4DC	Simon N. Kanai	B		0	0		20			3681		3681	Kapingazi	
Embu	Embu	4DC	James P. Nyaga- Abishag Wandia Nyaga	B		0	0		20			3681		3681	Kapingazi	
Embu	Mbeere	4DC	Krin Agribio Kenya Limited- Fides (K) Ltd.	D		89	89		3,681			662580		662580	Rupingazi	
Embu	Embu	4DC	ST. Marks Teachers College Kigari	B		1	1		28			4990		4990	Kapingazi	
Embu	Mbeere	4DC	James Munyi Ngangu	B		3	3		104			18720		18720	Rupingazi River	
Embu	Mbeere	4DD	Mashamba Irrigation Scheme	D		94	94		3,853			693522		693522	Thiba River	2006/6/21
Embu	Mbeere	4DD	Don Bosco Agriculture Project	D		218	218		8,982			1616760		1616760	Thiba	2007/4/13
Embu	Mbeere	4DD	African Children Education Fund	C		55	55		2,273			409086		409086	Thiba	2007/10/6
Embu	Mbeere	4DD	Onesmus Njathika Ireri	C		13	13		545			98181		98181	Tana river	
Embu	Mbeere	4DE	Muiganania Riakanua Water Self Help group	B		5	5		200			36000		36000	Thiba River	1975/1/15

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (3/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Embu	Embu	4E	Mwangi Kiarie	B		1	1		23			4086		4086	Ena River	2006/5/20
Embu	Mbeere	4E	Jane Muthoni Nyaga	B		1	1		23			4086		4086	Ena River	2006/2/7
Embu	Embu	4E	Hezekaiah Chege Gakure (Njue Macharia)	B		1	1		23			4086		4086	Ena River	2006/5/23
Embu	Embu	4E	Edward Gichohi Karuri	B		1	1		27			4907		4907	Itembogo River	2006/6/7
Embu	Embu	4E	Silvano Kivuvu Ngigi	B		1	1		23			4086		4086	Ena River	2006/6/7
Embu	Mbeere	4E	Nelson Musyoka Mwamba	B		2	2		64			11450		11450	Ena River	2006/8/9
Embu	Mbeere	4E	Riakanau Area Development Self Help Group	B		5	5		200			36000		36000	Tana River	2004/9/6
Embu	Mbeere	4E	Njiru Mutabi	B		1	1		23			4089		4089	Ena	2006/9/5
Embu	Mbeere	4E	Nyaga Mugo c/o Kune Primary School	B		1	1		25			4500		4500	Ena	1999/9/1
Embu	Mbeere	4E	Kwality Water Association	B		3	3		113			20250		20250	Thuuchi	1992/11/10
Embu	Mbeere	4E	TARDA (Kiambere Irrigation Scheme)	D		164	164		6,736			1212480		1212480	Tana River	
Embu	Mbeere	4E	Njagi Ireri	B		1	1		23			4090		4090	Ena	
Embu	Mbeere	4E	Justus Njiru Kithimi	B		1	1		25			4491		4491	Ena	
Embu	Mbeere	4E	Maina Kahungo	B		1	1		23			4089		4089	Ena	
Embu	Mbeere	4E	Haron Mugo	B		1	1		23			4089		4089	Ena	
Embu	Embu	4E	Kiriiriro Kamuthu Water Project	B		2	2		80			14400		14400	Ena River	
Embu	Embu	4EB	Kyeni Farmers Co-operative Society Ltd	B		1	1		45			8181		8181	Itimbogo	2008/1/18
Embu	Embu	4EB	Benson Ndwiga wamai	B		2	2		63			11286		11286	Ena	2004/2/26
Embu	Embu	4EB	Rukuriri Tea Factory	B		2	2		75			13500		13500	Rwikithia Trib. Of Ena River	2006/6/8
Embu	Mbeere	4EB	Paul Murithi Gutu	B		1	1		23			4086		4086	Ena river	2006/6/28
Embu	Mbeere	4EB	Kiambindu Bidii S.H. Group	C		14	14		564			101592		101592	Thuchi River	2004/6/17
Embu	Embu	4EB	Iriari Self Help group	B		11	11		454			81783		81783	KITHUCHI STREAM	2007/2/21
Embu	Embu	4EB	Kariru Self Help Irrigation Project	D		145	145		5,986			1077462		1077462	Thuchi	2009/1/5
Embu	Mbeere	4EB	Gwakaithi Catholic Parish	B		7	7		300			54000		54000	Thuchi	1993/9/3
Embu	Embu	4EB	James Ndiga Ngugi	B		0	0		18			3271		3271	Kamuu Stream	1990/3/23
Embu	Embu	4EB	Mugambi Kirera c/o Chuka Mission	B		1	1		21			3764		3764	Rungu River	1986/5/22
Embu	Embu	4EB	Andrew Njeru Ireri	B		1	1		36			6538		6538	Gitwa River	1980/7/18
Embu	Embu	4EB	Severio Ruri Njuiri c/o New Kyeni Farmes	B		2	2		77			13914		13914	Itimbogo	1987/9/15
Embu	Embu	4EB	Fredrick Njamwitha	B		3	3		105			18810		18810	Gitwa	1979/1/8
Embu	Embu	4EB	Kagaari South Water Project	D		81	81		3,327			598860		598860	Thuchi River	2008/5/21
Embu	Mbeere	4EB	Kathigi/Ishiara Multi-Purpose F. C. S.	C		51	51		2,090			376200		376200	Thuchi River	
Embu	Mbeere	4EB	Diocese Of Embu [Ishiara Catholic Mission]	B		1	1		36			6545		6545	Thuchi River	
Embu	Mbeere	4EB	Katumo Water Project	C		2	2		101			18225		18225	Kurugucha Stream	
Embu	Embu	4EB	John Kirk N. Kamunyori	B		1	1		55			9814		9814	Ena	
Embu	Mbeere	4EB	Njarange/ Muiguri Self Help Group	C		14	14		564			101592		101592	Thuchi River	
Embu	Embu	4EC	Beatrice Immaculate Wanjira	C		3	3		109			19636		19636	Itimbogo	1990/8/27
Embu	Embu	4EC	Joseph Kamau Nyaga	B		1	1		45			8181		8181	Karurumwe River	1989/5/29
Embu	Embu	4EC	Cyprian N. Mwangi Simba	B		1	1		36			6545		6545	Ena River	1988/3/31
Embu	Embu	4EC	Seraphino Nderi	B		1	1		31			5557		5557	Itherai	1974/7/17
Embu	Embu	4EC	Jacob Ngari Naaman	B		0	0		20			3676		3676	Iringari	1969/2/19
Embu	Mbeere	4EC	Niceta Mwendia Evara	C		4	4		182			32713		32713	Ena River	1987/7/9

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (4/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Embu	Embu	4EC	Nthambari Gachichori Irrigation Water Project	C		9	9		364			65448		65448	Kirirumwe River	2005/9/28
Embu	Embu	4EC	Mavuta David Kinyua	B		1	1		23			4089		4089	Kaena A Tributary	2006/5/19
Embu	Embu	4EC	Evans Ireri & P. Mweya	B		2	2		100			17982		17982	Kiimbu Stream	2006/5/30
Embu	Embu	4EC	Jeremy Kamwethe Muriithi	B		1	1		27			4860		4860	Unnamed Spring	2006/6/7
Embu	Mbeere	4EC	Kamurungu Agri. Dev. Project	B		2	2		101			18225		18225	Tana River	2006/8/9
Embu	Embu	4EC	Mungania Kenya Tea. Dev. Agency	C		0	0		20			3600		3600	Kaena Stream	2006/11/24
Embu	Embu	4EC	Kanthitu Irrigation Project	B		1	1		27			4907		4907	Ena River	2006/10/17
Embu	Embu	4EC	Joseph Nthika	B		1	1		36			6552		6552	Kathigaru Stream	2003/10/21
Embu	Embu	4EC	Kanja Irrigation Self Help Group	C		7	7		291			52344		52344	Kaena Stream	2004/3/15
Embu	Embu	4EC	Kithinji Kiragu	B		1	1		46			8190		8190	Kamuraru Stream	2003/10/21
Embu	Embu	4EC	Kamiugu Irrigation Scheme	C		9	9		364			65448		65448	Kamiungu Stream	2006/10/5
Embu	Embu	4EC	Itimbogo Self Help Group	C		11	11		436			78534		78534	Itimbogo	2007/9/15
Embu	Embu	4EC	Edward Murithi Gichovi	B		1	1		27			4914		4914	Itimbogo	2003/12/5
Embu	Mbeere	4EC	Samuel Njeru Kareko	B		2	2		64			11450		11450	Ena	1991/6/3
Embu	Embu	4EC	Daniel Maina Kibage	B		0	0		18			3271		3271	Igauru Stream	1990/6/14
Embu	Embu	4EC	Stanley Banga Salim	B		1	1		36			6545		6545	Gachichero Stream	1990/4/4
Embu	Embu	4EC	Peter Kioi Muriuki	B		2	2		64			11454		11454	Kagutu Stream	1988/9/13
Embu	Embu	4EC	Leonard Rutere Njagi	B		2	2		91			16362		16362	Ena River	1987/8/20
Embu	Embu	4EC	Josiah Njue & D. M'Chandi	C		7	7		272			49009		49009	Ena River	1989/4/27
Embu	Mbeere	4EC	Eunice Wambere Nyaga	B		2	2		70			12563		12563	Ena	1976/6/2
Embu	Embu	4EC	Consarvator Of Forest (Irangi Forest Station)	B		0	0		18			3269		3269	Ena	1977/10/12
Embu	Embu	4EC	Ezekiel Ngondi	C		9	9		360			64800		64800	Ena	1985/5/22
Embu	Embu	4EC	Nyaga Chaugi	B		0	0		1			164		164	Ithirai	1987/2/20
Embu	Embu	4EC	James Njuguna Ndungi	B		2	2		64			11455		11455	Ena	1981/5/22
Embu	Embu	4EC	Mwaugu/Mukuuri/ Muthege Irrigation Project	D		20	20		832			149724		149724	Mwaugu Stream	2007/5/18
Embu	Embu	4EC	Ena Irrigation Co-op. Society Limited	D		66	66		2,727			490860		490860	Kaena Stream	2008/4/15
Embu	Mbeere	4EC	Kathiga Gaceru Community Water Project	C		12	12		500			90000		90000	Ena River	2010/1/19
Embu	Embu	4EC	Kiruki Kiende Irrigation Water Project	D		66	66		2,727			490860		490860	Kirurumwe Tri-Ena	2010/6/22
Garissa	Garissa	4G	Towfiq Farmers Group	B		6	6		227			40892		40892	Tana River	2008/10/17
Garissa	Garissa	4G	Young Muslims Association	C		21	21		882			158728		158728	Tana River	2007/12/14
Garissa	Garissa	4G	Sarama Farm	B		3	3		109			19628		19628	Tana River	2009/1/20
Garissa	Garissa	4G	Akam Farm Self Help Group	B		3	3		109			19656		19656	Tana River	2008/7/21
Garissa	Garissa	4G	Al Falah Self Help Group	B		7	7		300			54000		54000	Tana River	2008/11/3
Garissa	Garissa	4G	Hidata Group Farm	B		7	7		285			51235		51235	Tana River	2006/6/15
Garissa	Garissa	4G	Dololwein Farm Scheme	C		16	16		654			117720		117720	Tana River	2006/6/16
Garissa	Garissa	4G	Nanighi Irrigation Scheme	B		7	7		275			49572		49572	Tana River	2006/6/16
Garissa	Garissa	4G	Banso Farm	C		16	16		654			117720		117720	Tana River	2006/6/20
Garissa	Garissa	4G	Dololomide farm	C		13	13		540			97200		97200	Tana River	2006/6/16
Garissa	Garissa	4G	Mansabubu Farm	B		3	3		118			21150		21150	Tana River	2006/6/16
Garissa	Garissa	4G	Green Field Farm	B		4	4		164			29563		29563	Tana River	2006/6/16
Garissa	Garissa	4G	Alloley Farm	B		8	8		349			62791		62791	Tana River	2006/6/16

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (5/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Garissa	Garissa	4G	Umoja Farmers Scheme	B		7	7		285			51224		51224	Tana River	2006/9/4
Garissa	Garissa	4G	Jamal Farm	B		9	9		367			66132		66132	Tana River	2006/6/16
Garissa	Garissa	4G	Talhe Farmers Group	B		8	8		321			57780		57780	Tana River	2006/6/16
Garissa	Garissa	4G	Tasbih Farms Group	C		16	16		654			117767		117767	Tana River	2006/6/16
Garissa	Garissa	4G	Ifting Farmers Group	C		16	16		654			117767		117767	Tana River	2006/7/17
Garissa	Garissa	4G	Qulan Qaley Farm (Halgan Youth Group)	C		14	14		580			104400		104400	Tana River	2006/6/16
Garissa	Garissa	4G	Duale Farm	B		8	8		312			56182		56182	Tana River	2006/6/16
Garissa	Garissa	4G	Al Fatah Group Farm	B		6	6		239			42962		42962	Tana River	2006/6/16
Garissa	Garissa	4G	Shariff Abdi Said Hassan	B		3	3		108			19440		19440	Tana River	1987/7/28
Garissa	Garissa	4G	Wathajir farm	B		9	9		364			65454		65454	Tana River	1989/12/15
Garissa	Garissa	4G	Ali Hirei Abdi	B		3	3		126			22680		22680	Tana River	1989/10/26
Garissa	Garissa	4G	Garissa Maendeleo Farm	C		17	17		684			123120		123120	Tana River	1989/11/9
Garissa	Garissa	4G	Mohammed Faruk Mirza	C		28	28		1,135			204296		204296	Tana River	1987/9/15
Garissa	Garissa	4G	Ali Dubat	C		15	15		636			114406		114406	Tana River	1978/9/27
Garissa	Garissa	4G	Jamhuri Farmers Association	D		188	188		7,739			1392954		1392954	Tana River	2007/7/24
Garissa	Garissa	4G	Wananchi Farmers Group	C		16	16		645			116041		116041	Tana River	
Garissa	Garissa	4G	Alihilal Farm	B		9	9		376			67680		67680	Tana River	
Garissa	Garissa	4G	Towfiq Jalango Farm Group	B		5	5		218			39240		39240	Tana River	
Garissa	Garissa	4G	Caymis Farm Group	C		14	14		560			100800		100800	Tana River	
Garissa	Garissa	4G	Quariboma Farm	C		45	45		1,848			332640		332640	Tana River	
Garissa	Garissa	4G	Rahole Farm	B		9	9		376			67680		67680	Tana River	
Garissa	Garissa	4G	Maendeleo Farm	D		443	443		18,260			3286800		3286800	Tana River	
Garissa	Garissa	4G	Captain Musa Farm	C		14	14		560			100800		100800	Tana River	
Garissa	Garissa	4G	Zaison Women Group Farm	B		5	5		218			39240		39240	Tana River	
Garissa	Garissa	4G	Bathiya Farm	B		5	5		218			39240		39240	Tana River	
Garissa	Garissa	4G	Kulumis Women Group	B		6	6		236			42527		42527	Tana River	
Garissa	Garissa	4G	Wagole Farm	B		3	3		136			24534		24534	Tana River	
Garissa	Garissa	4G	Burow Farm	B		3	3		109			19628		19628	Tana River	
Garissa	Garissa	4G1	Leheley Farmers Group	B		8	8		330			59486		59486	Tana River	2007/1/31
Garissa	Garissa	4GD	Moulid Farm	B		3	3		136			24535		24535	Tana River	2009/11/11
Garissa	Garissa	4GI	Likoley Two Farm Group	B		9	9		367			66096		66096	Tana River	2006/6/15
Garissa	Garissa	4GI	Ibidad Farm Group	C		16	16		654			117720		117720	Tana River	2006/6/15
Garissa	Garissa	4GI	Saka Siqley Self Help Group	B		7	7		285			51235		51235	Tana River	2006/6/15
Garissa	Garissa	4GI	Gargar II Farm	B		9	9		367			66096		66096	Tana River	2006/6/16
Garissa	Garissa	4GI	Madina Irrigation Scheme	C		13	13		540			97200		97200	Tana River	2006/6/16
Garissa	Garissa	4GI	Kora Kora Ziwani Farm Group	B		9	9		364			65556		65556	Tana River	2006/6/16
Garissa	Garissa	4GI	Ture Farm	B		3	3		138			24786		24786	Tana River	2006/6/15
Garissa	Garissa	4GI	Qabobey Farmers Group	B		3	3		138			24786		24786	Tana River	2006/6/16
Garissa	Garissa	4GI	Tasbihi Farm Group	C		16	16		654			117720		117720	Tana River	
Kiambu	Thika	3BD	Stanley Kamau Kangere	B		2	2		91			16357		16357	Ngaithu Stream	
Kiambu	Nyeri	4AA	Sagana Irrigation Water Project	D		49	49		2,002			360409		360409	Sagana River	2010/5/6

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (6/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kiambu	Nyeri	4AA	Maragima & Tagwa Water Project	D		9	9		383			68940		68940	Sagana River	2009/5/12
Kiambu	Nyeri	4AB	Mweiga Estate Limited	D		31	31		1,272			228992		228992	Muringato	2009/5/7
Kiambu	Nyeri	4AB	Goodwood Properties Limited	C		5	5		225			40500		40500	Amboni River	2008/12/2
Kiambu	Thika	4AC	Eli Njoroge Chege	C		7	7		282			50705		50705	Karimenu	1978/10/6
Kiambu	Kirinyaga	4BC	Mindo Ngari Kamakia	B		1	1		36			6480		6480	Ruamuthambi River	2007/4/10
Kiambu	Thika	4BC	Kakuzi Limited (Makuyu Coffee Estate)	D		66	66		2,726			490698		490698	Dera Ravine Stream	2007/2/27
Kiambu	Thika	4BD	Kakuzi Limited	C		49	49		2,000			360000		360000	Ngenya	2007/2/27
Kiambu	Thika	4BD	John Kang'ethe Kamau	B		1	1		50			9000		9000	Kiama	1972/4/5
Kiambu	Thika	4BE	Kakuzi Limited	C		49	49		2,000			360000		360000	Gatitu Stream	2007/2/27
Kiambu	Thika	4C	Kenya Vineyards Limited	B		8	8		350			63000		63000	Kabuku River	2009/9/30
Kiambu	Thika	4C	Green Kenya Limited	B		10	10		405			72900		72900	Thika River	1985/9/17
Kiambu	Thika	4CA	Windsor Flowers Ltd.	C		55	55		2,272			408915		408915	Chania River	2007/7/25
Kiambu	Thika	4CA	Mr. Elijah Githua Ng'anga	B		1	1		55			9814		9814	Karemenu River	1992/9/22
Kiambu	Thika	4CA	Ngere Tea Factory Company	B		4	4		145			26100		26100	Kimakia Stream	2009/2/19
Kiambu	Thika	4CA	Githaka Estate limited	C		39	39		1,608			289494		289494	Chania	2008/7/30
Kiambu	Thika	4CA	Lupa Limited	D		61	61		2,510			451854		451854	Ndaru River	1973/7/9
Kiambu	Thika	4CA	Kyeri Limited	C		6	6		264			47455		47455	Kagundu	1963/3/1
Kiambu	Thika	4CA	A. I. Harries & Son Limited	C		20	20		823			148091		148091	Chania River	2009/10/6
Kiambu	Thika	4CA	A. I. Harries & Son Limited	C		22	22		909			163566		163566	Chania River	2009/10/7
Kiambu	Thika	4CA	SOCFINAF Co. Ltd.(Gethumbuni Estate 1)	D		213	213		8,777			1579799		1579799	Thika River	2010/1/15
Kiambu	Thika	4CA	SOCFINAF Co. Ltd (Karangaita Estate)	D		128	128		5,266			947880		947880	Chania River	2010/1/15
Kiambu	Thika	4CA	Penta Tancom (Thika Farm)	C		29	29		1,200			216000		216000	Gathambara	2008/11/25
Kiambu	Thika	4CA	Machure Coffee Estate Limited	C		24	24		1,000			180000		180000	Karimenu River Trib. Of Chania	2009/6/16
Kiambu	Gatundu	4CA	Samuel Mwangi Njoroge	B		1	1		40			7200		7200	Karimenu River	2010/2/4
Kiambu	Thika	4CA	Karanja Kinungi & P. Mwaura	C		33	33		1,364			245454		245454	Thika	1985/8/27
Kiambu	Thika	4CA	Antony Gabriel Munene	B		1	1		36			6541		6541	Karimenu River	1987/7/16
Kiambu	Thika	4CA	Karanja Kamau	C		6	6		254			45792		45792	Chania	1976/5/19
Kiambu	Thika	4CA	Morris Kuria mugo	D		13	13		545			98181		98181	Karimenu River	1976/7/7
Kiambu	Thika	4CA	John Mbuthia Kamau	C		4	4		182			32688		32688	Thika River	1986/5/22
Kiambu	Thika	4CA	Njonjo Kigera	B		1	1		54			9806		9806	Chania	1978/11/1
Kiambu	Thika	4CA	Mr. Herman Muraya	B		2	2		64			11441		11441	Karimenu	1978/12/6
Kiambu	Yatta	4CA	M/S Katulye Water Project	D		33	33		1,363			245349		245349	Mathauta	1979/8/15
Kiambu	Yatta	4CA	John Mdivo Mbuko	B		4	4		182			32713		32713	Mwitasyano	1987/4/23
Kiambu	Yatta	4CA	Nahashon Kimilu Masai	B		2	2		91			16366		16366	Mathauta	1980/1/14
Kiambu	Thika	4CA	Kairu Njonjo	C		4	4		182			32713		32713	Karimenu	1979/4/27
Kiambu	Thika	4CA	Mr. Wabuce Mbuti	B		2	2		73			13091		13091	Tambaya Of Chania	1987/2/24
Kiambu	Thika	4CA	David Mbuti Ndekei	B		2	2		100			17991		17991	Nduaci	1985/1/8
Kiambu	Thika	4CA	Elijah Githua Ng'anga	B		1	1		55			9819		9819	Keya Steream	1985/3/31
Kiambu	Thika	4CA	Ex-Chief Ndung'u King'ori	C		5	5		218			39272		39272	Kagenyo	1972/1/19
Kiambu	Thika	4CA	Kihogo Njuguna	B		1	1		57			10228		10228	Chania	1971/5/26
Kiambu	Thika	4CA	EAAGADS Limited	D		104	104		4,296			773275		773275	Karimenu	1973/4/18

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (7/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kiambu	Thika	4CA	Kamotho Gitau	C		2	2		95			17175		17175	Karimenu River	2007/8/14
Kiambu	Thika	4CA	Peter Karanu Kahora	B		1	1		23			4086		4086	Kimakia	1965/9/21
Kiambu	Thika	4CA	Julius Iraki Wamugi	B		1	1		36			6545		6545	Karimenu	1966/10/7
Kiambu	Thika	4CA	Mrs. Rachel Wanjiru Kariuki	B		1	1		23			4090		4090	Karimenu River	2004/8/16
Kiambu	Thika	4CA	Karanja Muigai	B		2	2		91			16362		16362	Kiana Stream	2006/10/4
Kiambu	Thika	4CA	Mataara Water Project	C		3	3		135			24300		24300	Ragia Trib. of Thika River	2007/3/30
Kiambu	Thika	4CA	Central land Board	C		13	13		518			93273		93273	Gathioro River	
Kiambu	Kiambu	4CA	James N. Gitau	C		1	1		54			9806		9806	Karimenu River	
Kiambu	Kiambu	4CA	John Gitau Gachango	B		2	2		91			16357		16357	Nduaci	
Kiambu	Thika	4CA	Penta Tancom (Tika Farm)	C		49	49		2,000			360000		360000	Chania River	
Kiambu	Thika	4CB	Delmonte (K) Limited	D		66	66		2,727			490909		490909	Makindi River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		357	357		14,688			2643840		2643840	Samuru River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		107	107		4,406			793080		793080	Makindi River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	C		37	37		1,509			271636		271636	Kabuku River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		147	147		6,048			1088640		1088640	Samuru River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		189	189		7,776			1399680		1399680	Samuru River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		189	189		7,776			1399680		1399680	Thika River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		62	62		2,552			459360		459360	Thika River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		140	140		5,782			1040760		1040760	Thika River	2008/3/12
Kiambu	Thika	4CB	Bawan Holdings Limited	B		6	6		227			40892		40892	Karimenu River	2006/10/9
Kiambu	Thika	4CB	Kirima Kimwe & Planfarm Estates Limited	C		33	33		1,363			245340		245340	Gitathuru	1994/11/24
Kiambu	Kiambu	4CB	SOCFINAF Company Ltd. (EAAGADS Estate)	D		86	86		3,549			638788		638788	Karimenu River	2010/1/15
Kiambu	Thika	4CB	Kakuzi Limited (Makuyu Coffee Factory)	D		166	166		6,818			1227272		1227272	Maboko Stream	2007/2/27
Kiambu	Thika	4CB	Planfam Company Limited	C		29	29		1,181			212634		212634	Thika River	1984/2/7
Kiambu	Thika	4CB	Rwaithira Water Association	B		1	1		23			4086		4086	Kandere Stream	1965/6/16
Kiambu	Thika	4CB	Delmonte (K) Limited	D		152	152		6,240			1123200		1123200	Makindi	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		63	63		2,592			466560		466560	Samuru	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		231	231		9,504			1710720		1710720	Samuru	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		189	189		7,776			1399680		1399680	Thika	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		152	152		6,240			1123200		1123200	Thika	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		152	152		6,240			1123205		1123205	Thika	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		156	156		6,420			1155600		1155600	Thika	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		159	159		6,543			1177675		1177675	Thika	2008/3/12
Kiambu	Thika	4CB	Enkasiti Flower growers Limited	C		17	17		681			122580		122580	Gitamuru Stream	2005/6/6
Kiambu	Thika	4CB	Harries & Sons Compay	C		12	12		501			90131		90131	Chania	2009/10/2
Kiambu	Murang'a	4CB	Kakuzi Limited	D		79	79		3,240			583200		583200	Unnamed Stream	2007/2/26
Kiambu	Thika	4CB	Delmonte (K) Limited	D		62	62		2,552			459360		459360	Thika River	2008/3/12
Kiambu	Thika	4CB	Kakuzi Limited	C		41	41		1,680			302400		302400	Ngenya Dam	2007/2/27
Kiambu	Thika	4CB	Kakuzi Limited	C		52	52		2,140			385200		385200	Ngenya Dam	2007/2/27
Kiambu	Thika	4CB	Kakuzi Limited	D		185	185		7,600			1368000		1368000	Kiboko Dam	2007/2/28
Kiambu	Thika	4CB	Kakuzi Limited	C		35	35		1,440			259200		259200	Ndera Springs	2007/2/28

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (8/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kiambu	Thika	4CB	Kakuzi Limited	C		23	23		960			172800		172800	Maji Kiboko	2007/2/26
Kiambu	Thika	4CB	Kakuzi Limited	C		48	48		1,960			352800		352800	Maji Kiboko	2007/2/26
Kiambu	Thika	4CB	Kakuzi Limited	B		2	2		73			13140		13140	Ngenya River	2007/2/26
Kiambu	Thika	4CB	Kakuzi Limited	D		66	66		2,727			490896		490896	Gatito River	2007/2/26
Kiambu	Thika	4CB	Delmonte (K) Limited	D		107	107		4,427			796860		796860	Samuru River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		107	107		4,406			793152		793152	Ngenya River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		107	107		4,406			793152		793152	Ngenya River	2008/3/12
Kiambu	Thika	4CB	Delmonte (K) Limited	D		315	315		12,960			2332800		2332800	Ngenya River	2008/3/12
Kiambu	Thika	4CB	SOCFINAF Co. Ltd. (Gethumbuini Estate 2)	D		122	122		5,037			906667		906667	Thika River	2010/2/17
Kiambu	Thika	4CB	SOCFINAF Co. Ltd (Garton Ltd Wangu Estate 2)	D		63	63		2,580			464346		464346	Thika River	2010/1/15
Kiambu	Thika	4CB	Kenya Cuttings Limited	C		24	24		1,000			180000		180000	River Kabuku	2007/12/14
Kiambu	Thika	4CB	Wilham Kenya Limited - Kabuku Farm	B		5	5		200			36000		36000	Makindi Trib. Of Kabuku	2008/7/29
Kiambu	Thika	4CB	Silver Oak Investment Ltd.	C		15	15		630			113400		113400	Gitamuru Tributary	2008/11/13
Kiambu	Thika	4CB	Magana Holdings Ltd.- Kiganda Estate	C		24	24		1,002			180360		180360	Thika River	2009/1/13
Kiambu	Thika	4CB	Haverest Land Investment	B		10	10		400			72000		72000	Kabuku River Trib.	2009/2/19
Kiambu	Thika	4CB	Zena Roses Limited	B		6	6		250			45000		45000	Gitamuru Tributary	2009/9/25
Kiambu	Thika	4CB	Zena Roses Limited	B		10	10		400			72000		72000	Gitamuru Tributary	2009/9/25
Kiambu	Thika	4CB	Sansora Investments Limited	B		11	11		450			81000		81000	Gitamuru River	2010/1/21
Kiambu	Thika	4CB	Kagondo Estate Limited	B		2	2		91			16362		16362	Karemenu River	2006/9/20
Kiambu	Thika	4CB	Penta Tancom Limited	B		8	8		341			61339		61339	Ndarugu	2004/12/20
Kiambu	Thika	4CB	Mbugua Gitachu	C		17	17		681			122616		122616	Thika River	1977/9/21
Kiambu	Thika	4CB	Gatundu Coffee Growers Co-operative	C		29	29		1,182			212728		212728	Thika River	1975/7/2
Kiambu	Thika	4CB	Thika Nuseries Limited	C		36	36		1,500			270000		270000	Thika	2006/10/4
Kiambu	Thika	4CB	Transbel Limited	B		2	2		91			16357		16357	Thika	2004/4/14
Kiambu	Thika	4CB	Planfam Company Limited	C		41	41		1,685			303300		303300	Gatathuru River	1996/11/12
Kiambu	Thika	4CB	Terra Fleur Limited	C		15	15		600			108000		108000	Kabuku River Trib.	2008/3/14
Kiambu	Thika	4CB	Penta Tancom Ltd. Penta Flowers	B		29	29		1,200			216000		216000	Storage	2009/11/9
Kiambu	Thika	4CB	Ndiara 'C' Hydro-Eletric Water Project	C		50	50		2,074			373248		373248	Kiama Trib. Thika River	2009/12/14
Kiambu	Thika	4CB	Baragu Holding Limited	C		35	35		1,455			261818		261818	Thika River	
Kiambu	Thika	4CB	Kirima Kimwe Estate (Hatwara Dam)	C		22	22		909			163636		163636	Gitathuru	
Kiambu	Thika	4CB	Delmonte (K) Limited	D		189	189		7,776			1399680		1399680	Samuru	
Kiambu	Thika	4CB	Kaluleni Society	C		11	11		455			81817		81817	Yatta Furrow	
Kiambu	Thika	4CB	Gitu Kahengeri	B		4	4		182			32724		32724	Thika	
Kiambu	Thika	4CB	Kigomo Water Irrigation project	C		60	60		2,455			441810		441810	Kamahiga Trib. Of Thika River	
Kiambu	Thika	4CB	Ndakaini And Wanduhi Irrigation Water Project	C		24	24		1,000			180000		180000	Kiama River	
Kiambu	Thika	4CC	Delmonte (K) Limited	D		94	94		3,864			695448		695448	Ngenya River	2008/3/12
Kiambu	Thika	4CC	Delmonte (K) Limited	D		298	298		12,268			2208240		2208240	Samuru River	2008/3/12
Kiambu	Thika	4CC	Kakuzi Limited	D		558	558		23,000			4140000		4140000	Ngenya River (Dam)	2009/12/8
Kiambu	Thika	4CC	Miss Jane Muloko	B		3	3		105			18817		18817	Kawituuo	1990/5/17
Kiambu	Thika	4CC	Gacharage Coffee Growers Co-operative	C		2	2		91			16344		16344	Thika	1963/10/3
Kiambu	Thika	4CC	Delmonte (K) Limited	C		30	30		1,237			222694		222694	Samuru	2008/3/12

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (9/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kiambu	Thika	4CC	Delmonte (K) Limited	D		223	223		9,178			1652017		1652017	Thika	2008/3/12
Kiambu	Murang'a	4CC	Kakuzi Limited	C		30	30		1,227			220806		220806	Thika River	2007/2/26
Kiambu	Thika	4CC	Kakuzi Limited	B		6	6		260			46800		46800	Kaguru Dam	2007/2/27
Kiambu	Thika	4CC	Kakuzi Limited	D		70	70		2,880			518400		518400	Thika River	2007/2/27
Kiambu	Thika	4CC	Kakuzi Limited	D		82	82		3,360			604800		604800	Kaguru Dam (Ngenya River)	2007/2/27
Kiambu	Thika	4CC	Kakuzi Limited	B		6	6		245			44163		44163	Kaguru Dam (Ngenya River)	2007/2/27
Kiambu	Thika	4CC	Kakuzi Limited	C		35	35		1,440			259200		259200	Munyu Springs	2007/2/26
Kiambu	Thika	4CC	Kakuzi Limited	D		147	147		6,048			1088640		1088640	Ngenya	2007/2/28
Kiambu	Thika	4CC	Kakuzi Limited	D		306	306		12,600			2268000		2268000	Kaison Springs	2007/2/26
Kiambu	Thika	4CC	Kakuzi Limited	C		17	17		720			129600		129600	Thika River	2007/2/26
Kiambu	Thika	4CC	Kakuzi Limited	C		60	60		2,454			441720		441720	Un-named Spring Trib.	2009/12/8
Kiambu	Thika	4CC	Kakuzi Limited	D		181	181		7,455			1341817		1341817	Ngenya River	2007/2/26
Kiambu	Thika	4CC	Kakuzi Limited	D		331	331		13,636			2454545		2454545	Gituamba Furrow	2009/12/8
Kiambu	Thika	4CC	Kakuzi Limited	B		6	6		245			44163		44163	Trib. Of Ngenya	2007/2/26
Kiambu	Thika	4CC	Matunguru Estate Kakuzi Limited	C		49	49		1,998			359568		359568	Ngenya (Kaguru Dam)	2007/2/28
Kiambu	Yatta	4CC	Ndambuki Mulului	C		2	2		72			13032		13032	Mwitasyano River	1986/12/22
Kiambu	Thika	4CC	A.I. Farm Limited	C		53	53		2,200			396000		396000	Thika River	2008/11/14
Kiambu	Thika	4CC	Vert Limited	C		58	58		2,400			432000		432000	Thika River	2009/2/19
Kiambu	Thika	4CC	John Wesey Chege	B		3	3		109			19636		19636	Thithi	1977/8/24
Kiambu	Thika	4CC	Mr. Wilson Muturi Muguro	B		11	11		455			81817		81817	Thika River	
Kiambu	Thika	4CC	Mabaini Self Help Group	B		9	9		364			65520		65520	Yatta Furrow	
Kiambu	Kirinyaga	4DA	Kiangari Water Project	B		3	3		135			24300		24300	Kairie Stream Tributary	2008/9/25
Kiambu	Meru Central	4F	Muguna B Water Association	D		3	3		136			24545		24545	Kinyaritha Stream	2008/9/12
Kiambu	Meru Central	4FA	Kiigene Cirimu Water Association	C		22	22		900			162000		162000	Kathita River	2008/11/18
Kiambu	Meru Central	4FA	Kijijone Water Project	B		2	2		68			12272		12272	Mariara	2008/9/10
Kiambu	Thika		Penta Tancom Ltd. Penta Flowers	B		29	29		1,200			216000		216000	Run-Off (Lagoon B)	2010/2/11
Kirinyaga	Kirinyaga	4BB	Rukanga Water Project	D		87	87		3,600			648000		648000	Ragati	2007/5/30
Kirinyaga	Kirinyaga	4BB	Francis Kariithi	B		1	1		55			9817		9817	Sakumi Stream	1993/6/23
Kirinyaga	Kirinyaga	4BB	Francis Wahome Githendu	B		1	1		45			8181		8181	Ragati	1985/3/12
Kirinyaga	Kirinyaga	4BB	Muwawa water Project	B		1	1		27			4860		4860	Thakumi River	2006/11/17
Kirinyaga	Kirinyaga	4BB	Ruiru Kimugu Irrigation Project	C		7	7		273			49086		49086	Rwaithanga Stream	2006/5/20
Kirinyaga	Kirinyaga	4BB	Rurii Water Association	B		2	2		90			16200		16200	Ragati River	2007/4/17
Kirinyaga	Kirinyaga	4BB	Job Murithi Norman	B		0	0		18			3272		3272	Sagana River	2006/11/13
Kirinyaga	Kirinyaga	4BB	Wagakoru Kamau	B		1	1		30			5451		5451	Ragati River	2007/3/12
Kirinyaga	Kirinyaga	4BB	Wambugu Magoti	B		1	1		45			8183		8183	Sagana River	2006/7/28
Kirinyaga	Kirinyaga	4BB	Ngando Water Project	D		55	55		2,250			405000		405000	Ragati River	2005/9/15
Kirinyaga	Kirinyaga	4BB	Kiriguini kinyakiiru Water Project	C		8	8		347			62370		62370	Ragati Stream	2005/8/10
Kirinyaga	Kirinyaga	4BB	Githinji Kuuga Water Project	C		5	5		207			37260		37260	Mitheri Stream	2007/5/16
Kirinyaga	Kirinyaga	4BB	Wakigo Self Help Group	D		30	30		1,224			220320		220320	Ragati Trib. Of Sagana River	2005/6/7
Kirinyaga	Kirinyaga	4BB	Rugagamu S.H.W. Project	C		3	3		113			20250		20250	Rugagamu Stream	2008/11/28
Kirinyaga	Kirinyaga	4BB	Jackson Muthiga Murage	B		1	1		27			4860		4860	Ragati	2006/12/8

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (10/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kirinyaga	Kirinyaga	4BB	Joram Njuguna Mburu	B		4	4		180			32400		32400	Nyamindi	1992/1/29
Kirinyaga	Kirinyaga	4BB	Kiragu Macharia	B		1	1		27			4860		4860	Thakumi River	1992/2/12
Kirinyaga	Kirinyaga	4BB	Kiama Njoroge	B		1	1		27			4909		4909	Ragati	1990/7/10
Kirinyaga	Kirinyaga	4BB	Eliud Rugaita W. Murango	B		1	1		54			9720		9720	Ragati	1990/1/15
Kirinyaga	Kirinyaga	4BB	Mwangi Kabiru	B		1	1		36			6545		6545	Ragati	1988/1/21
Kirinyaga	Kirinyaga	4BB	Antonio Mwangi Gikandi	B		0	0		18			3240		3240	Rwaithanga	1990/9/6
Kirinyaga	Kirinyaga	4BB	Ngai Ngato c/o Gacharo Primary School	B		1	1		46			8190		8190	Ragati	1978/12/13
Kirinyaga	Kirinyaga	4BB	Gichuguini development Project	B		5	5		189			34020		34020	Gitaga Tributary Of Ragati	2009/6/16
Kirinyaga	Kirinyaga	4BB	Eliud Rugaita W. Murango	B		1	1		36			6480		6480	Gitaga Stream	
Kirinyaga	Kirinyaga	4BC	Kirunda Water Self Help Project	C		8	8		344			61965		61965	Rundu Tributary	2008/9/9
Kirinyaga	Kirinyaga	4BC	Gakui Water Project	D		191	191		7,877			1417860		1417860	Rundu Stream Tributary	2008/9/15
Kirinyaga	Kirinyaga	4BC	Kanugu Water Project	C		38	38		1,575			283500		283500	Rundu Stream Tributary	2008/6/26
Kirinyaga	Kirinyaga	4BC	Njogaka Water Project	B		5	5		198			35712		35712	Rundu Stream Tributary	2009/3/24
Kirinyaga	Kirinyaga	4BC	Kamuruana W/Project	C		6	6		236			42420		42420	Rundu Stream	2008/6/5
Kirinyaga	Kirinyaga	4BC	Mwaihoti Water Project	C		15	15		630			113400		113400	Rwamuthambi	2008/4/3
Kirinyaga	Kirinyaga	4BC	Kahuhoini Irrigation Project	B		3	3		131			23580		23580	Rundu Stream	2008/6/20
Kirinyaga	Kirinyaga	4BC	Robinson Njeru Githae	C		11	11		450			81000		81000	Ruamuthambi	2003/10/29
Kirinyaga	Kirinyaga	4BC	Samuel Njenga Njoroge	B		3	3		130			23400		23400	Kanyiriri	1978/12/13
Kirinyaga	Kirinyaga	4BC	Gituru Water Project	B		0	0		18			3271		3271	Muthiringo Stream	1978/12/20
Kirinyaga	Kirinyaga	4BC	Dishon Muriuki Kiunga	B		1	1		55			9810		9810	Gathambi Stream	1983/3/2
Kirinyaga	Kirinyaga	4BC	Aggrey Wahome	C		11	11		450			81000		81000	Ciaminoga Stream	2008/4/16
Kirinyaga	Kirinyaga	4BC	Eliab Karanja	B		0	0		18			3272		3272	Kanyiriri	1972/8/2
Kirinyaga	Kirinyaga	4BC	Consolata Fathers- Sagana	B		1	1		50			8982		8982	Ruamuthambi River	1985/7/3
Kirinyaga	Kirinyaga	4BC	Gichimu Ngare	D		163	163		6,711			1207982		1207982	Kaboyo	1972/6/18
Kirinyaga	Kirinyaga	4BC	Munyutu Water Project	C		5	5		225			40500		40500	CAA Stream Of Rundu	2007/7/11
Kirinyaga	Kirinyaga	4BC	Githinji Gachoka Njoka	C		1	1		26			4716		4716	Ruiri river	2006/2/28
Kirinyaga	Kirinyaga	4BC	Wakulima Self Help Project	B		4	4		182			32724		32724	Kanyariri Stream	2008/8/6
Kirinyaga	Kirinyaga	4BC	Wangombe Kingangi	B		1	1		36			6480		6480	Kanyiriri River	2006/5/24
Kirinyaga	Kirinyaga	4BC	David Crispo Chigiti Weru	B		1	1		36			6480		6480	Sagana River	2006/7/27
Kirinyaga	Kirinyaga	4BC	Kang'aru Ngwataniro Self Help Group	C		4	4		167			29970		29970	Rwamuthambi	2006/10/19
Kirinyaga	Kirinyaga	4BC	Muuru Water Project	B		3	3		113			20250		20250	Rundu Stream	2006/10/18
Kirinyaga	Kirinyaga	4BC	Bidii Kariaini Water Project	B		3	3		135			24300		24300	Rundu Stream	2006/10/19
Kirinyaga	Kirinyaga	4BC	Kamwaki Water Association	B		2	2		68			12150		12150	Ruamuthambi River	2005/9/26
Kirinyaga	Kirinyaga	4BC	Kiamuka Water Project	C		9	9		360			64800		64800	Rundu	2007/2/21
Kirinyaga	Kirinyaga	4BC	Kigamu Milti-Purpose Water Project	D		55	55		2,250			405000		405000	Rundu Stream Tributary	2006/11/1
Kirinyaga	Kirinyaga	4BC	Kithumbu Water Project	C		33	33		1,373			247050		247050	Ruamuthambi River	2007/9/15
Kirinyaga	Kirinyaga	4BC	G. Kiago Mwangi Ngunjiri	B		2	2		73			13084		13084	Ruamuthambi River	1987/4/23
Kirinyaga	Kirinyaga	4BC	Isidoro Karimi Kamunyu	B		1	1		45			8182		8182	Ruamuthambi	1986/4/29
Kirinyaga	Kirinyaga	4BC	J. Njagi Kibuga & E. Ruirie	B		4	4		164			29458		29458	Rwamuthambi	1977/10/26
Kirinyaga	Kirinyaga	4BC	Jotham Ngii & Githinji Mwara	B		2	2		77			13914		13914	Rundu	1981/6/17
Kirinyaga	Kirinyaga	4BC	John Warui & Joel Ngamau	B		1	1		55			9810		9810	Sagana	1978/8/16

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (11/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kirinyaga	Kirinyaga	4BC	Mutugi Mbuiga	B		2	2		91			16344		16344	Rwamuthambi	1980/7/16
Kirinyaga	Kirinyaga	4BC	Charles Karanja	B		3	3		117			21060		21060	Tana	1984/11/6
Kirinyaga	Kirinyaga	4BC	Ngariama Farmers Co-operative Society	B		1	1		27			4914		4914	Kii Trib. Of Rupingazi	2007/9/6
Kirinyaga	Kirinyaga	4BC	Francis Mutheki Nyingi	B		0	0		18			3271		3271	Sagana	2007/8/13
Kirinyaga	Kirinyaga	4BC	Vincent Ngaruiya Karau	B		2	2		90			16200		16200	Rwamuthambi	1985/4/18
Kirinyaga	Kirinyaga	4BC	Philip Githaiga & Harrison Gichira Muuru	B		2	2		82			14706		14706	Rwamuthambi	1987/2/22
Kirinyaga	Kirinyaga	4BC	Gikindu Water Association	B		1	1		52			9297		9297	Kanyiriri	1990/8/11
Kirinyaga	Kirinyaga	4BC	John Matere Kireri	B		3	3		118			21240		21240	CAA Stream	1972/9/2
Kirinyaga	Kirinyaga	4BC	James Bernard Murimi	B		1	1		54			9720		9720	Ruamuthambi River	
Kirinyaga	Kirinyaga	4BC	Ndirangu Karuya	B		1	1		23			4090		4090	Sagana River	
Kirinyaga	Kirinyaga	4BC	Kiriti Irrigation Water Project	C		27	27		1,097			197514		197514	Rundu River	
Kirinyaga	Kirinyaga	4BE	Samuel Ngunu Kimotho	B		6	6		252			45360		45360	Dam	2005/10/24
Kirinyaga	Kirinyaga	4BE	Muiruri Ndwati	B		2	2		91			16364		16364	Maragua River	
Kirinyaga	Maragua	4BF	John Karuga	C		7	7		273			49086		49086	Kanyiriri Stream	2008/1/18
Kirinyaga	Kirinyaga	4DA	Chief Jotham Ngure	B		0	0		18			3276		3276	Katheregwa Stream	2006/5/5
Kirinyaga	Kirinyaga	4DA	Kaki Water Association	B		5	5		203			36540		36540	Kiwe River	2010/6/30
Kirinyaga	Kirinyaga	4DA	Ndia Ya Mihiki Water Association	B		3	3		108			19440		19440	Karie Stream Trib. Of Kiwe	2009/1/21
Kirinyaga	Kirinyaga	4DA	Mbeti Water Irrigation Scheme	C		21	21		864			155455		155455	Kangatia Trib. Of Thiba River	2008/9/15
Kirinyaga	Kirinyaga	4DA	Icere Water project	B		2	2		90			16200		16200	Icere Stream Trib. Of Thiba	2008/9/15
Kirinyaga	Kirinyaga	4DA	Kabumbu Water Project	B		4	4		147			26402		26402	Kangatia Stream	2008/7/17
Kirinyaga	Kirinyaga	4DA	Kimandi Water Project	B		8	8		324			58320		58320	Rutui River	2008/11/28
Kirinyaga	Kirinyaga	4DA	Gatu Success Women Group	B		6	6		243			43740		43740	Thiba River	2008/9/25
Kirinyaga	Kirinyaga	4DA	Ngiroche/Kirini Water Project	C		30	30		1,244			223949		223949	Kiringa	2010/1/18
Kirinyaga	Kirinyaga	4DA	Kiangima 'A' Water Project	B		2	2		103			18522		18522	Thiba Upper	2009/2/9
Kirinyaga	Kirinyaga	4DA	Karira Young Farmers Water project	B		9	9		364			65455		65455	Thiba	2009/11/16
Kirinyaga	Kirinyaga	4DA	Kamweti/Kiangondi Self Help Group	C		23	23		945			170100		170100	Gathiba Stream	2002/7/27
Kirinyaga	Kirinyaga	4DA	Nguruine Water Project	B		9	9		387			69660		69660	Kangaita Stream T	2010/6/30
Kirinyaga	Kirinyaga	4DA	Kariru Self Help Water Project	B		11	11		454			81783		81783	Kamweti	2008/8/5
Kirinyaga	Kirinyaga	4DA	Kathiga Water Association	B		10	10		407			73305		73305	Thiba	2008/9/12
Kirinyaga	Kirinyaga	4DA	Kirinyaga Technical Institute	B		4	4		173			31077		31077	Rutui	2005/8/18
Kirinyaga	Kirinyaga	4DA	John Richard Ndege Chuani	D		66	66		2,727			490860		490860	Kiwe Stream Trib. Of Thiba	2007/7/25
Kirinyaga	Kirinyaga	4DA	Baragwi Farmers Co-operative Society	B		2	2		91			16357		16357	Karani River	1980/8/6
Kirinyaga	Kirinyaga	4DA	Ndikio Irrigation Water Project	C		15	15		626			112680		112680	Thiba river	2009/2/18
Kirinyaga	Kirinyaga	4DA	A.H.I.T.I. Ndomba Training Institute	B		2	2		91			16344		16344	Kibugu River	1962/7/31
Kirinyaga	Kirinyaga	4DA	Mwea Tebere Irrigation Scheme, NIB	D		8,940	8,940		368,181			66272580		66272580	Thiba River	2009/10/15
Kirinyaga	Kirinyaga	4DA	Kimandi Central Water Project	B		5	5		225			40500		40500	Kandakame Stream	2006/6/21
Kirinyaga	Kirinyaga	4DA	Kimandi East Irrigation Water Project	B		6	6		243			43740		43740	Mukengeria Stream	2006/2/28
Kirinyaga	Kirinyaga	4DA	Kamuthiti Home Development	B		2	2		99			17820		17820	Murubaru Stream	2006/2/20
Kirinyaga	Kirinyaga	4DA	Kikange Water Self Help Group	C		15	15		630			113400		113400	Mukindu Stream	2006/3/2
Kirinyaga	Kirinyaga	4DA	Kimandi South Water project	B		3	3		138			24750		24750	Mukengeria Stream	2006/2/28
Kirinyaga	Kirinyaga	4DA	Mwambau Water Project	B		4	4		155			27810		27810	Thiba River	2006/4/13

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (12/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kirinyaga	Kirinyaga	4DA	Mitooni Kombuini Water Association	C		18	18		727			130815		130815	Thiba River	2006/7/18
Kirinyaga	Kirinyaga	4DA	Nyagati/Ngomano Water Project	C		13	13		540			97200		97200	Murubara River	2007/2/20
Kirinyaga	Kirinyaga	4DA	Karikoini Water Project	C		15	15		630			113400		113400	Thiba River	2007/2/21
Kirinyaga	Kirinyaga	4DA	Ngurunga Water project	C		17	17		713			128385		128385	Thiba River	2007/9/15
Kirinyaga	Kirinyaga	4DA	Mukia Water Project	C		11	11		450			81000		81000	Gathiba Trib. Of Thiba	2005/7/27
Kirinyaga	Kirinyaga	4DA	Mutitu/Kiriti Water Project	B		2	2		90			16200		16200	Kiwe Stream	2006/8/4
Kirinyaga	Kirinyaga	4DA	Nduini Water Project	C		28	28		1,170			210600		210600	Rutui Stream	2006/11/1
Kirinyaga	Kirinyaga	4DA	Mururi Water Association	B		7	7		288			51840		51840	Kiringa	2007/2/15
Kirinyaga	Kirinyaga	4DA	Kamwendi Water Project	B		3	3		131			23490		23490	Murubara River	2006/8/4
Kirinyaga	Kirinyaga	4DA	Kiaga Self Help Group	B		3	3		135			24300		24300	Mukindu Stream	2005/8/8
Kirinyaga	Kirinyaga	4DA	Kianganga Water Project	C		44	44		1,800			324000		324000	Thiba	2006/8/3
Kirinyaga	Kirinyaga	4DA	Njetha Water Project	B		8	8		322			57915		57915	Kiwe Stream	2006/11/29
Kirinyaga	Kirinyaga	4DA	Kutus East Ward Water Project	D		66	66		2,700			486000		486000	Kiringa Stream	2010/3/10
Kirinyaga	Kirinyaga	4DA	Miiria Self Help Group	B		4	4		167			29970		29970	Rutui River	2008/9/18
Kirinyaga	Kirinyaga	4DA	Kiritini/Mukarara W/P	C		28	28		1,170			210600		210600	Kiringa	2006/11/1
Kirinyaga	Kirinyaga	4DA	Karurumo Nyangati Water Furrow	B		8	8		342			61560		61560	Murubara	2006/9/28
Kirinyaga	Kirinyaga	4DA	Mwihotori Self Help Water Project	B		6	6		248			44550		44550	Thiba	2004/2/28
Kirinyaga	Kirinyaga	4DA	Gatu/Thimu Water Association	C		11	11		454			81781		81781	Mukindu	2007/2/14
Kirinyaga	Kirinyaga	4DA	Jamleck K. Njoka	B		2	2		90			16200		16200	Kiringa	2006/9/8
Kirinyaga	Kirinyaga	4DA	Gitooni Water Association	B		5	5		216			38880		38880	Nyaikungu	1993/9/8
Kirinyaga	Kirinyaga	4DA	Kirogo Irrigation Water Project	C		16	16		672			120870		120870	Rutui Trib. Of Thiba River	2010/1/20
Kirinyaga	Kirinyaga	4DA	Kithiriti Mwocangondi Water Furrow Project	B		6	6		261			46980		46980	Thiba	2007/11/8
Kirinyaga	Kirinyaga	4DA	Henry Tumbo Chomba	B		3	3		118			21264		21264	Thiba	1983/5/7
Kirinyaga	Kirinyaga	4DA	Laban Ndambiri Sarii	B		4	4		164			29453		29453	Thiba	1978/10/4
Kirinyaga	Kirinyaga	4DA	Kindaruma Water project	B		6	6		236			42480		42480	Rutui	1978/12/27
Kirinyaga	Kirinyaga	4DA	Kaguyu Ndurumoini & Nganduini Project	C		35	35		1,427			256860		256860	Rutui	1983/2/11
Kirinyaga	Kirinyaga	4DA	Ruoro Horticultural Self Help Water project	B		7	7		272			49032		49032	Nyamindi	1986/12/2
Kirinyaga	Kirinyaga	4DA	South Ngariama Ranching Co-op Society Ltd	B		0	0		18			3269		3269	Rupingazi	1978/11/29
Kirinyaga	Kirinyaga	4DA	Kabuga Water Project	B		7	7		270			48600		48600	Kabuga Stream	2007/12/14
Kirinyaga	Kirinyaga	4DA	Kiang'ombe Water Association	C		28	28		1,136			204545		204545	Mukengeria Stream	2007/8/6
Kirinyaga	Kirinyaga	4DA	Riakakuria Irrigation project	C		44	44		1,800			324000		324000	Kiringa River	2008/4/16
Kirinyaga	Kirinyaga	4DA	Francis Nyaga Ngondi	B		3	3		109			19620		19620	Thiba River	1979/12/19
Kirinyaga	Kirinyaga	4DA	Kenya Tea Development Authority	D		22	22		909			163566		163566	Mukengeria	1990/9/4
Kirinyaga	Kirinyaga	4DA	Mukindu Water Furrow Water Project	C		13	13		540			97200		97200	Mukindu Stream	2007/7/19
Kirinyaga	Kirinyaga	4DA	Kiangurwe/Nduini Kanyaga Water Project	B		7	7		281			50580		50580	Thiba River	2007/5/18
Kirinyaga	Kirinyaga	4DA	Kiathimbara Youth Water Project	C		12	12		495			89100		89100	Icakimangu Stream	2007/8/6
Kirinyaga	Kirinyaga	4DA	Mrs. Kailash Chase	B		0	0		18			3240		3240	Kiwe	2000/6/8
Kirinyaga	Kirinyaga	4DA	Kaboyo Stream Water Project	B		11	11		450			81000		81000	Kaboyo Stream	2007/11/27
Kirinyaga	Kirinyaga	4DA	Kithunguri Water Project	C		10	10		392			70560		70560	Mukengeria Trib. Of Thiba	2008/6/4
Kirinyaga	Kirinyaga	4DA	Kithiru Water Furrow Self Help Group	B		11	11		450			81000		81000	Kabubitu	2007/9/12
Kirinyaga	Kirinyaga	4DA	Kaguyu Self Help Water Project	B		11	11		473			85050		85050	Rutui Trib Of Upper Thiba River	2009/12/9

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (13/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kirinyaga	Kirinyaga	4DA	Ngumara Self Help Group Water Project	C		11	11		450			81000		81000	Thiba River	2010/1/5
Kirinyaga	Kirinyaga	4DA	Muthuani Water project	B		7	7		293			52650		52650	Kiringa River	2008/1/18
Kirinyaga	Kirinyaga	4DA	Kiratina Water Supply	C		13	13		554			99720		99720	Gakui Stream Trib. Of Kiwe River	2008/5/29
Kirinyaga	Kirinyaga	4DA	Kitheru Horticultural Farmers Group	B		4	4		153			27540		27540	Gakuo Trib. Of Murubara River	2008/7/4
Kirinyaga	Kirinyaga	4DA	Gakenia Water Project	B		4	4		146			26325		26325	Kiringa river	2008/7/21
Kirinyaga	Kirinyaga	4DA	Kiandiwa Water Project	B		7	7		306			55080		55080	Rutui Trib Of. Thiba River	2009/1/19
Kirinyaga	Kirinyaga	4DA	Giagitura Water Project	B		4	4		185			33210		33210	Kiwe River	2010/6/22
Kirinyaga	Kirinyaga Central	4DA	Kiganjo Water Project	C		50	50		2,039			367027		367027	Rutui Trib Of. Upper Thiba River	2009/10/23
Kirinyaga	Kirinyaga	4DA	Kianjogu Initiative Self Help Group	C		17	17		720			129600		129600	Nyaikungu Stream Trib. Of Thiba	
Kirinyaga	Kirinyaga	4DA	Kiawangai Water Project	B		9	9		360			64800		64800	Rutui Stream	
Kirinyaga	Kirinyaga	4DA	Kariua Kianjagi Water Project	C		20	20		833			149850		149850	Thiba River	
Kirinyaga	Kirinyaga	4DA	Kaguma Water Project	C		44	44		1,800			324000		324000	Kiringa River	
Kirinyaga	Kirinyaga	4DA	Njuku / Mutige Water Furrow Project	D		214	214		8,829			1589220		1589220	Kiringa River	
Kirinyaga	Kirinyaga	4DA	Giatama Water Project	B		4	4		158			28350		28350	Kabinga Trib. Of Kiwe River	
Kirinyaga	Kirinyaga	4DA	Kinyako Water Project	C		33	33		1,350			243000		243000	Rutui Trib Of Thiba	
Kirinyaga	Kirinyaga	4DA	Kabui Self Help Group	B		10	10		432			77760		77760	Mukindu Trib. Of Upper Thiba	
Kirinyaga	Kirinyaga Central	4DA	Mbeti Water Irrigation Scheme	C		21	21		864			155455		155455	Kiringa Trib Of Thiba	
Kirinyaga	Kirinyaga East	4DA	Kagongo Woment Water Project	C		33	33		1,364			245430		245430	Thiba River	
Kirinyaga	Kirinyaga	4DB	David Njoka Gachewa	B		9	9		364			65448		65448	Nyamindi River	2006/10/25
Kirinyaga	Kirinyaga	4DB	Kigeria Women Water Project	C		8	8		338			60750		60750	Kiye Stream Of Rupingazi River	2008/11/28
Kirinyaga	Kirinyaga	4DB	Kenera Women Water Project	C		11	11		454			81774		81774	Nyamindi	2008/9/9
Kirinyaga	Kirinyaga	4DB	Paul Samuel Gachau	B		2	2		91			16362		16362	Nyamindi River	1980/11/12
Kirinyaga	Kirinyaga	4DB	Kirimara Irrigation Water Project	C		59	59		2,430			437400		437400	Nyamindi River	2006/2/3
Kirinyaga	Kirinyaga	4DB	Gakafu Water Furrow	B		4	4		185			33210		33210	Matakari Trib. Of Nyamindi	2006/6/8
Kirinyaga	Kirinyaga	4DB	Ngucwi Self Help Water Project	D		76	76		3,150			567000		567000	Nyamindi River	2008/11/28
Kirinyaga	Kirinyaga	4DB	Mumako Self Help Group Water Project	C		17	17		720			129600		129600	Kiri Stream Trib. Of Nyamindi River	2010/1/13
Kirinyaga	Kirinyaga	4DB	Rungeto Irrigation Water project	C		11	11		467			84078		84078	Rupingazi River	2008/9/10
Kirinyaga	Kirinyaga	4DB	Kianduro Horticultural Project	B		4	4		180			32400		32400	Nyamindi River	2008/6/26
Kirinyaga	Kirinyaga	4DB	Kambarare Water Project	C		22	22		900			162000		162000	Igendambora	2001/3/16
Kirinyaga	Kirinyaga	4DB	Johana Rukungu	B		6	6		227			40892		40892	Nyamindi	1984/8/22
Kirinyaga	Kirinyaga	4DB	Urumandi Farmers Farmers Co-op Society Ltd	B		1	1		27			4907		4907	Nyamindi	1979/8/8
Kirinyaga	Kirinyaga	4DB	Njoga Investements Company	B		0	0		18			3240		3240	Njoga Stream	1988/12/4
Kirinyaga	Kirinyaga	4DB	Joseph Muiruri Githongo	B		3	3		134			24048		24048	Nyamindi	1990/11/8
Kirinyaga	Kirinyaga	4DB	Mwea Irrigation Settlement	B		2	2		91			16364		16364	Nyamindi River	1987/11/26
Kirinyaga	Kirinyaga	4DB	Rianjue Community Hydro Power Project	C		15	15		606			109134		109134	Nyamindi River	2010/6/29
Kirinyaga	Kirinyaga	4DB	Mogani Horticultural Water project	B		5	5		198			35640		35640	Nyamindi River	2008/12/2
Kirinyaga	Kirinyaga	4DB	Gituba Wendo Water project	B		12	12		484			87091		87091	Karie Trib. Of Nyamindi River	2010/5/14
Kirinyaga	Kirinyaga	4DB	David Njoka Gachewa & Evans Gachewa	B		9	9		364			65454		65454	Nyamindi River	
Kirinyaga	Kirinyaga	4DB	Muchira Ngure	C		1	1		36			6480		6480	Karurumwe Trib. Of Kiri	
Kirinyaga	Kirinyaga	4DB	Kiratina Kiumbu Water Project	C		16	16		662			119070		119070	Nyamindi River	
Kirinyaga	Kirinyaga	4DB	Gatakaini Water Association	B		3	3		126			22680		22680	Matakari Trib. Of Kive	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (14/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Kirinyaga	Kirinyaga	4DB	Riagicheru Irrigation/Domestic Water Project	D		104	104		4,286			771468		771468	Nyamindi Trib Of Upper Thiba	
Kirinyaga	Kirinyaga	4DC	Comissioner Of Prisons (Mwea Prison)	B		11	11		455			81810		81810	Murubara River	2005/8/31
Kirinyaga	Kirinyaga	4DC	Kandakame Horticultural Farmers Association	B		4	4		167			30060		30060	Thiba River	2008/2/21
Kirinyaga	Kirinyaga	4DC	Susan Ruth Mwelu Korte	B		3	3		110			19800		19800	Rupingazi	2003/9/25
Kirinyaga	Kirinyaga	4DC	Kathunguri Water Association	B		4	4		145			26017		26017	Kii Trib. Of Rupingazi	1969/1/7
Kirinyaga	Kirinyaga	4DC	Mugaro Self Help Water Project	B		9	9		358			64476		64476	Rupingazi	2007/2/13
Kirinyaga	Kirinyaga	4DC	Kiambiru Self Help Group	C		22	22		900			162000		162000	Nyamindi River	
Kirinyaga	Kirinyaga	4DC	Director Of Agriculture	B		2	2		91			16344		16344	Thiba River	
Kirinyaga	Kirinyaga	4DD	Kiarukungu-Kanyangeni Furrow Self Help Group	D		131	131		5,400			972000		972000	Thiba	2009/11/30
Kirinyaga	Kirinyaga	4DD	G.K. Kariithi & Partners	B		2	2		100			17992		17992	Thiba	1981/9/30
Kirinyaga	Kirinyaga	4DD	Christian Community Services Of Mt. Kenya East	C		37	37		1,530			275400		275400	Thiba	
Kirinyaga	Kirinyaga	4F	Kijonje Maji Water Project	B		4	4		182			32760		32760	Mariara	2007/2/16
Kitui	Mwingi	4H	Kakongo Water User Association	B		3	3		135			24300		24300	Tana River	2006/9/12
Kitui	Kitui	4H	Raphael Kivindyo Munyao	B		1	1		44			7920		7920	Syekivungi Stream	1990/3/15
Kitui	Kitui	4H	B.A.T. Kenya Limited	B		1	1		23			4090		4090	Nzeeu	1986/8/21
Kitui	Kitui	4H	Beatrice Mbiti Thome	B		1	1		45			8181		8181	Manyenyoni Stream	1986/7/24
Kitui	Kitui	4H	Kimazi Kabemba	B		0	0		20			3681		3681	Nzembeni Stream	1974/8/14
Kitui	Kitui	4H	Jackson Musyoka Munyalo	B		0	0		20			3681		3681	Nziyanthuni	1975/1/22
Kitui	Kitui	4H	Mulwa Malonza	B		0	0		20			3680		3680	Ndauni Stream	1989/7/26
Kitui	Kitui	4H	Mwangangi Kyalo	B		0	0		20			3681		3681	Nzeeu River	1977/3/30
Kitui	Kitui	4H	Eliud Ngala Mwendwa	D		216	216		8,915			1604781		1604781	Tiva	2010/6/30
Kitui	Kitui	4H	Diocese Of Kitui (Mutomo Dam)	B		0	0		19			3367		3367	Kyome River	1982/6/16
Kitui	Mwingi	4H	Thaana Irrigated C.B.O	C		8	8		333			59940		59940	Tana River	2005/9/22
Kitui	Mwingi	4H	Ariithi Water Project	B		5	5		225			40500		40500	Kirurumwe River	2006/11/17
Kitui	Kitui	4H	Simeon M. Mutua	C		12	12		500			90000		90000	Kakovu	2006/4/13
Kitui	Kitui	4H	Eliud N. Mwendwa	D		19	19		800			144000		144000	Miumbu Stream	2006/8/8
Kitui	Kitui	4H	Evans Mwanzui Ngava	B		1	1		22			3960		3960	Kalundu	2007/4/19
Kitui	Kitui	4H	Henry Chamia Kilonzo	D		2	2		88			15840		15840	Mutendea	1985/8/15
Kitui	Kitui	4H	Kilaka Ndaka	B		1	1		30			5400		5400	Sovwe	1987/9/29
Kitui	Kitui	4H	Phyllis Kavinya Masisli K.	B		1	1		21			3780		3780	Kalundu	1988/4/12
Kitui	Kitui	4H	Kilutu Ngali	C		2	2		100			18000		18000	Nzatuni Stream	1987/3/13
Kitui	Kitui	4H	Joseph Kyambo Muia	C		2	2		91			16357		16357	Tiva	1992/10/1
Kitui	Kitui	4H	Justus Mweti Muthami	B		5	5		207			37260		37260	Nzeeu	2007/5/17
Kitui	Kitui	4H	Ministry of Agriculture - Better Living Institute	B		5	5		209			37620		37620	Manyenyoni Stream	1984/12/20
Kitui	Kitui	4H	National Water Conservation (Umaa Dam)	D		61	61		2,500			450000		450000	Nzeu River	2010/1/21
Kitui	Kitui	4H	Titus Nzao Nzomo	C		1	1		44			7920		7920	Manyenyoni Stream	
KITUI	Kitui	4H	G.K. Prison Kitui	D		10	10		396			71280		71280	Kalundu River	
Kitui	Kitui	4H	Francis A.N. Mbotela	D		8	8		330			59400		59400	Nzeeu	
Kitui	Kitui	4H	Peter M.Mwanza	B		1	1		22			3960		3960	Ngombe Stream	
Kitui	Kitui	4H	William Ngove Mwanza	C		2	2		70			12600		12600	Ikindu	
Kitui	Kitui	4H	Better Living Institute	D		5	5		209			37620		37620	Manyenyoni Stream	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (15/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Machakos	Yatta	4BG	Matungulu Farmers Co-op Society Ltd	C		33	33		1,364			245453		245453	Tana	1997/1/29
Machakos	Yatta	4C	Ivumbuni Group	C		45	45		1,873			337086		337086	Mathauta	1984/5/22
Machakos	Yatta	4C	Mutethia Water Association	B		4	4		161			29048		29048	Mathauta	
Machakos	Yatta	4CA	Lawrence Mobea Musyoka	B		1	1		55			9814		9814	Mathauta	1979/5/2
Machakos	Yatta	4CB	Mbithi Julius Cosmas- Rose Mbithe Mbithi	B		6	6		227			40891		40891	Ianguni	1990/3/14
Machakos	Yatta	4CC	Kenya Wine Agencies Limited	C		55	55		2,250			405000		405000	Thika	2002/4/28
Machakos	Yatta	4CC	David Kilonzo Kioko	B		4	4		145			26172		26172	Mathauta	1982/12/31
Machakos	Yatta	4CC	Gregory Kathilu	B		8	8		314			56430		56430	Kikwa	1988/2/9
Machakos	Yatta	4CC	Munina Banana Farm	B		7	7		273			49090		49090	Mathauta	1987/1/27
Machakos	Yatta	4CC	St. Peters Clavers (Kaumoni)	B		8	8		345			62181		62181	Thika River	1987/5/28
Machakos	Yatta	4CC	Mr. Samuel Nzina	B		9	9		364			65453		65453	Thika River	1995/11/14
Machakos	Yatta	4CC	Mutava Musyimi	C		11	11		454			81720		81720	Sabasaba River	2004/2/25
Machakos	Yatta	4CC	Kenya Wine Agencies Limited	C		55	55		2,250			405000		405000	Thika	2006/9/5
Machakos	Yatta	4CC	Philip Mule Kilonzo	B		6	6		227			40903		40903	Thika River	1976/1/7
Machakos	Yatta	4CC	Joshua Mutunga Mbiti	B		1	1		55			9818		9818	Mwitasyano	1985/9/17
Machakos	Yatta	4CC	Giseon Muia Kivinda	B		3	3		136			24545		24545	Tana	1985/8/1
Machakos	Yatta	4CC	Margret Syokau Mwamisi	B		0	0		18			3271		3271	Mathauta	1990/1/8
Machakos	Yatta	4CC	Muthuka Munuve	B		2	2		64			11454		11454	Mathauta	1988/1/8
Machakos	Yatta	4CC	Francis Mutula Mutiso	B		4	4		182			32728		32728	Kikwa	1979/2/14
Machakos	Yatta	4CC	Muia Mbithi	B		8	8		315			56700		56700	Masinga Dam	
Machakos	Yatta	4CC	Mashambani Water Group	B		3	3		109			19627		19627	Mwitasyano	
Machakos	Yatta	4CC	Peter John Nzioki	C		18	18		727			130853		130853	Ndalani	
Machakos	Yatta	4CC	James Isika Munyao	B		3	3		127			22899		22899	Yatta Furrow	
Machakos	Yatta	4CC	Uthitini Water Project	C		6	6		250			45000		45000	Athi	
Machakos	Yatta	4CC	Mutunga Katuto	B		11	11		454			81783		81783	Mwitasyano	
Machakos	Yatta	4CC	Mwalok Mutena	B		9	9		364			65453		65453	Mathauta	
Machakos	Yatta	4CC	Kamande Malii	B		11	11		455			81819		81819	Yatta Furrow	
Machakos	Yatta	4CC	Kivumbani Company	C		15	15		636			114496		114496	Yatta Furrow	
Machakos	Yatta	4CC	Kayata Company	B		8	8		327			58909		58909	Yatta Furrow	
Machakos	Yatta	4CC	Munina Water Association	B		11	11		455			81819		81819	Mathauta	
Machakos	Yatta	4CC	Mutethia Water Association	B		9	9		382			68728		68728	Yatta Furrow	
Machakos	Yatta	4CC	Ibue Philip & Company	B		9	9		363			65426		65426	Mathauta River	
Machakos	Yatta	4CC	Mulwa Mutwa & Partners	B		8	8		318			57247		57247	Mathauta River	
Machakos	Yatta	4CC	Kianisyoni Company	B		8	8		309			55611		55611	Mathauta	
Machakos	Yatta	4CC	Mbithi Makoma	C		13	13		545			98181		98181	Kakangalani	
Machakos	Yatta	4CC	Kitambaasye Company	C		33	33		1,364			245448		245448	Mwitasyano	
Machakos	Yatta	4EA	Maringane Water Association	B		3	3		114			20455		20455	Kiegwandegwa River	1971/7/7
Machakos	Yatta	4H	Magutu Company Limited	D		28	28		1,146			206206		206206	Ngelilia	1976/8/20
Machakos	Yatta	4H	Ndarugu Masinga Development Group	D		10	10		417			75060		75060	Masinga Dam	2008/4/15
Machakos	Yatta	4CC	National Youth Service	B		7	7		273			49091		49091	Thika	1989/7/4
Meru	Kirinyaga	4BC	Mucingi Nyagithuci Water project	B		5	5		225			40500		40500	Mukura Stream	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (16/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Murang'a North	4BE	Karanja Kahia	B		1	1		55			9814		9814	Maragua	1981/12/17
Meru	Murang'a South	4BF	Kiambaa Harambee farm	B		2	2		91			16362		16362	Maragua River	1967/2/22
Meru	Muranga South	4CC	Swani Coffee Estate Limited	C		45	45		1,863			335309		335309	Kabuku	2008/1/9
Meru	Muranga Central	4CC	Julius Mwaura Kinyanjui	B		2	2		73			13086		13086	Kabuku	1990/12/7
Meru	Meru Central	4EA	Kagenda Mpara Runya Water Project	B		4	4		157			28188		28188	Rumuiku Stream Trib Of Kithino	2008/12/2
Meru	Meru Central	4EA	Ithima Water Association	B		7	7		285			51354		51354	Ithima Stream	2009/9/30
Meru	Meru Central	4EA	Kiorone Water Project	C		20	20		811			146034		146034	Kithino River	2009/10/7
Meru	Meru Central	4EA	Iriene Water project	B		2	2		101			18131		18131	Rumuiku Trib. Of Mutonga River	2008/12/2
Meru	Meru Central	4EA	Kagwanyama/Ngirine Water Association	B		2	2		90			16200		16200	Iraaru River	2008/11/17
Meru	Meru North	4EA	Gitumbi Muremba Karau	B		6	6		236			42552		42552	Mutonga River	2008/11/4
Meru	Meru Central	4EA	Mutethia Kirugua © Water Project	C		20	20		821			147825		147825	Kithino River	2008/11/5
Meru	Meru Central	4EA	Kanthungu Kagwanyama Water Association	B		8	8		317			57024		57024	Kithinu River	2008/9/26
Meru	Meru Central	4EA	Nguuke Gakirwe Water Association	B		5	5		200			35957		35957	Kithino River	1993/1/12
Meru	Imenti South	4EA	Karathune Water Project	B		3	3		136			24545		24545	Kathanga Stream	2008/11/13
Meru	Imenti South	4EA	Josphat Gitonga	B		3	3		140			25110		25110	Kithino River	2009/1/13
Meru	Imenti South	4EA	Kinoru Water Project	B		9	9		366			65919		65919	Kithino River	2009/6/26
Meru	Meru Central	4EA	Mwichwiri Water Project	B		7	7		300			54000		54000	Kamaugu Stream	2006/3/29
Meru	Meru Central	4EA	Mwichwiri Water Project	B		3	3		109			19636		19636	Kithino River	2006/6/15
Meru	Meru Central	4EA	Iraru Water project	D		110	110		4,545			818181		818181	Iraru River	2006/6/26
Meru	Meru Central	4EA	Macerene Water Project	B		2	2		91			16362		16362	Kithino River	2006/6/20
Meru	Meru Central	4EA	Makoobo-Kinoro Water Project	C		33	33		1,364			245448		245448	Mutonga River	2006/6/20
Meru	Meru Central	4EA	Kithima Water Project	B		5	5		224			40302		40302	Kithima Spring Trib Of Iraru	2006/11/23
Meru	Meru	4EA	Mwichune Baranga Water Project	C		18	18		727			130909		130909	Kithino River	2006/10/17
Meru	Meru	4EA	Thinkwi Mitune W/P	B		3	3		109			19636		19636	Thinkwi Stream	2006/8/9
Meru	Meru	4EA	Rwompo Mamuru W/P	B		8	8		319			57330		57330	Kithino River	2004/5/27
Meru	Meru	4EA	Nyonta Self Help Group	B		3	3		118			21276		21276	Kithino River	2006/10/2
Meru	Meru	4EA	Boriara Water Project	B		6	6		227			40914		40914	Iraru	2004/12/8
Meru	Meru	4EA	Boriara Water Project	B		6	6		227			40914		40914	Iraru	2007/2/14
Meru	Meru	4EA	Wendo Water project	B		4	4		148			26586		26586	Kithino River	2007/2/13
Meru	Meru	4EA	Baranga Water project	B		5	5		209			37620		37620	Kithino	2006/8/29
Meru	Meru	4EA	Ithima Water Association	B		3	3		136			24545		24545	Ithinma Spring	2005/4/6
Meru	Meru	4EA	Rambwe Water Project	B		2	2		91			16362		16362	Kithino River	2008/4/9
Meru	South Imenti	4EA	Nkunguru Water Project	B		11	11		450			81000		81000	Iraru Tributary	2010/6/29
Meru	South Imenti	4EA	Julius Kimathi Mugwika	B		4	4		148			26581		26581	Kithino River	2008/7/4
Meru	South Imenti	4EA	Mutungi Water Project	B		5	5		220			39530		39530	Kithino River	2009/2/23
Meru	Meru Central	4EA	Ciomujogia Rural SACCO Water Project	B		5	5		209			37636		37636	Kithino River	
Meru	Meru	4EA	Kithino Kothine Water Project	C		12	12		477			85914		85914	Kithino River	
Meru	Meru	4EA	Mutonga Mutethia Water Association	C		16	16		675			121500		121500	Mutonga River	
Meru	Meru Central	4EA	Gakirene Water Project	B		4	4		173			31086		31086	Thinkwi River	
Meru	South Imenti	4EA	Nyomba Ya Kaiga	C		11	11		450			81000		81000	Nyomaba Ya Kaiga Of Rumiku	
Meru	Meru Central	4EB	Mr. Fredrick Mugwiria M'athurua	B		7	7		284			51066		51066	North Mara River	2008/9/12

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (17/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru South	4EB	Mwicuiri Self Help Water Project	C		22	22		900			162000		162000	North Mara River	2008/6/7
Meru	Meru South	4EB	Muthambia Water Project	B		4	4		180			32400		32400	Muthambia Stream	2008/6/7
Meru	Meru Central	4EB	Kiamarimba Water Association	C		21	21		864			155520		155520	Maji Mbili	2003/7/16
Meru	Meru South	4EB	Nthambo Irrigation Water Project	C		45	45		1,866			335790		335790	Gituambugi	2008/6/7
Meru	Meru South	4EB	Ndagani K.K. Mwendwa Water Association	D		44	44		1,820			327600		327600	Tungu	2008/6/4
Meru	Meru South	4EB	Iruma / Magutuni Water Project	D		83	83		3,413			614250		614250	North Mara River	2007/11/7
Meru	Meru South	4EB	Mbogori Water Furrow Association	C		40	40		1,647			296460		296460	Thambo Stream	2008/6/4
Meru	Meru South	4EB	Muraga Mugongo	B		0	0		20			3683		3683	Ntungu River	1974/7/17
Meru	Meru South	4EB	M,Mboroti Muguongo	B		0	0		18			3271		3271	Tungu River	1979/2/14
Meru	Meru South	4EB	Nithi Area Council- irigu Furrow	B		8	8		310			55719		55719	Irigu	1967/8/17
Meru	Meru South	4EB	Kian'gondu Water Project	B		1	1		38			6885		6885	Thamia Stream Trib. Of Tungu	2005/9/22
Meru	Meru South	4EB	Kajuki Water Project	D		33	33		1,350			243000		243000	Nithi River	2005/10/21
Meru	Meru South	4EB	Kagiri Water Project	B		4	4		180			32400		32400	Jiengo Stream	2006/4/18
Meru	Meru Central	4EB	Mararo Water Project	B		3	3		136			24545		24545	Mara North River	2007/11/16
Meru	Meru South	4EB	Maanyaga Water Project	D		66	66		2,730			491400		491400	Ruguti	1998/11/11
Meru	Meru Central	4EB	Lower Kithangari Water Association	C		6	6		267			48035		48035	Kithino River	1980/7/30
Meru	Meru Central	4EB	Igane Water self Help Group	B		2	2		62			11128		11128	Gurama Stream	1974/4/30
Meru	Meru South	4EB	Mke'a Mutunga	B		3	3		103			18572		18572	Thuchi	1986/5/8
Meru	Meru South	4EB	Kari Nithii Self Help Water Project	B		5	5		203			36450		36450	Nithi	2006/10/2
Meru	Maara	4EB	Umoja Young Self Help Water Project	B		3	3		131			23490		23490	Nithi River	2009/12/7
Meru	South Imenti	4EB	Rugiri Water Project	C		6	6		256			46080		46080	Maara West River	
Meru	Meru Central	4F	Kithungri- Mutheri Water Project	B		3	3		124			22275		22275	Thagaria Stream	2009/9/30
Meru	Meru Central	4F	Karugwa Water Assocition	B		5	5		203			36486		36486	Mariara River	2009/1/29
Meru	Meru Central	4F	Gachibi Water Self Help Group	B		1	1		27			4909		4909	Kagiri Stream	2007/12/13
Meru	Meru Central	4F	Kariene Water Association	C		13	13		545			98181		98181	Gitauga Stream	2008/9/15
Meru	Meru Central	4F	Mutethia Kiruga Water Association	C		34	34		1,386			249480		249480	Kirugua Stream	2006/11/8
Meru	Meru Central	4F	Miriene Water Association	B		4	4		176			31590		31590	Karunjikairu	2008/1/18
Meru	Meru Central	4F	Kirugua Kathumbi Water Project	C		18	18		727			130909		130909	Muroga Trib. Of Kathita River	2009/9/30
Meru	Meru North	4F	Karimba Irrigation water Project	C		16	16		657			118260		118260	Kaberera Stream	2009/9/30
Meru	Meru Central	4F	Kenywa Water Project	B		2	2		73			13090		13090	Munyuri Stream	2009/9/30
MERU	Meru Central	4F	Githongo Mkt. Kiamituja W/P	B		1	1		44			7920		7920	Mariara River	2008/9/12
MERU	Meru North	4F	Muteithia Nthambiro Water Project	C		22	22		900			162000		162000	Kitheo Spring	2008/3/12
Meru	Meru Central	4F	Chugu Secondary School	B		5	5		207			37260		37260	Karumathi Stream	2008/9/10
Meru	Meru North	4F	Kathima/ Kariru Water Project	C		17	17		720			129600		129600	Thanantu River	2007/11/19
Meru	Meru North	4F	Mucaicine Water Project	B		0	0		18			3240		3240	Karumanthi Stream	2009/9/30
Meru	Meru North	4F	Amwamba Youth Farmers Water Project	B		7	7		300			54000		54000	Kathamba Nyiro Stream	2009/9/30
Meru	Meru Central	4F	Ngaciuma Kathima Water Project	C		15	15		637			114660		114660	Kagwa Nkunguru Stream	2006/11/8
Meru	Meru Central	4F	Kionyo Kithigacio Water Project	C		36	36		1,484			267120		267120	Kazita River	2007/12/14
Meru	Meru Central	4F	Murutu Water Project	D		75	75		3,091			556364		556364	Murutu Stream Trib Of Kithinu	2010/1/14
Meru	Meru Central	4F	Ringuri self Help Group water Association	B		1	1		58			10479		10479	Ringuri	2009/9/30
Meru	Meru Central	4F	Mitarune Giankama Water Associtaion	B		3	3		135			24300		24300	Kamenchu	1999/12/17

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (18/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru Central	4F	Giatune Kithima Water Associaion	B		2	2		90			16200		16200	Kithima Mukindia Stream	1998/2/6
Meru	Meru	4F	Kathita Mpuri Water Project	C		45	45		1,845			332100		332100	Kathita	2008/3/12
Meru	Igembe	4F	Kanjoo Self Help Water Project	B		7	7		279			50236		50236	Rujiwero	2008/8/5
Meru	Meru	4F	Mikika Water Association	B		2	2		91			16364		16364	Gatimbi	2008/6/4
Meru	Meru	4F	Ura Water Project	B		1	1		39			6966		6966	Makena Stream	2001/6/20
Meru	Meru	4F	Konyo-Ka-Mbaya Water Association	B		6	6		252			45360		45360	Kitharu Stream	2004/12/9
Meru	Meru	4F	Antubochiu Women Water Project	C		13	13		540			97200		97200	Kathambi Stream	1999/2/8
Meru	Meru	4F	Mwiteria -Kithiu Water Association	C		3	3		109			19613		19613	Kazita	2008/2/6
Meru	Meru	4F	Kimara Water Association	B		4	4		163			29419		29419	Gurana River	1993/6/23
Meru	Meru	4F	Nkando Secondary School	B		0	0		18			3269		3269	Njwe Stream	1980/6/18
Meru	Meru	4F	Joseph Mungathia	D		60	60		2,455			441817		441817	Kionde Stream	1982/3/31
Meru	Meru	4F	Ngachia Water Association	B		3	3		119			21465		21465	Kaimba Stream	2003/8/13
Meru	Meru	4F	Muthinjira Water Association	B		8	8		327			58909		58909	Thambachuku Stream	2008/6/6
Meru	Meru Central	4F	Mankuru Water Association	B		3	3		118			21264		21264	Rwaire Stream	1981/6/17
Meru	Meru	4F	Mbita Water Association	B		2	2		102			18401		18401	Mathae	1981/10/2
Meru	Meru	4F	Kiamiriru Water Association	B		3	3		109			19620		19620	Ngira Stream	1984/3/18
Meru	Meru	4F	Mbuuta Water Association	C		7	7		273			49090		49090	Kuura River	2008/4/18
Meru	Meru	4F	Nduruma Gakumbo Water	B		4	4		153			27540		27540	Kazita	2007/6/26
Meru	Meru	4F	South Imenti Area Council	B		0	0		20			3681		3681	Mutonga	1969/1/15
Meru	Meru	4F	Gilbert Kiringo Rukaria	B		2	2		100			17964		17964	Ngaciuma River	1972/7/19
Meru	Meru	4F	Kibari Water Association	B		2	2		93			16691		16691	Thambanchuku Stream	1975/12/10
Meru	Meru	4F	Kithetu Self Help Group	C		25	25		1,032			185749		185749	Mboone River	1991/3/22
Meru	Meru Central	4F	Muiriga Munene Ni Kiene Water Association	B		4	4		165			29682		29682	Mariara River	1979/6/27
Meru	Meru Central	4F	Murinene Water Association	B		4	4		155			27818		27818	Kamndoni Spring	1990/3/20
Meru	Meru Central	4F	Gaitune Water Association	B		2	2		70			12600		12600	Kathima Ka Mutonto	1980/11/14
Meru	Meru Central	4F	3K Self Help Group	B		3	3		124			22255		22255	Mariara River	1973/3/14
Meru	Meru Central	4F	Kiruai Water Furrow Association	B		6	6		227			40914		40914	Gieto Stream	2007/11/13
Meru	Meru Central	4F	M'ringera M'marete	B		3	3		134			24136		24136	Kathitamunyi	1975/1/15
Meru	Meru Central	4F	Gitugunyu Nkuiga Water Association	B		3	3		103			18572		18572	Karage	1980/9/5
Meru	Meru Central	4F	Kathiga gachiu Water Association	C		20	20		827			148909		148909	Rinji	1990/4/19
Meru	Meru Central	4F	Francis M'iburi	C		6	6		236			42469		42469	Kinyaritha River	1973/1/31
Meru	Meru Central	4F	Muthihinki Water Association	B		2	2		83			14886		14886	Thamba Ng'ombe	1992/3/17
Meru	Meru Central	4F	Rucoro Self Help Group	B		11	11		436			78512		78512	Taita Stream	1983/3/31
Meru	Meru Central	4F	Justus M'mukunda M'ringera	B		3	3		103			18572		18572	Ngaciuma River	1974/5/21
Meru	Meru Central	4F	Kiraa Water Association	B		3	3		103			18572		18572	Karumanyathu	1978/5/24
Meru	Meru Central	4F	Muguna Kirimaitune Water Assocaition	B		0	0		20			3645		3645	Kirimaitune	2003/7/14
Meru	Meru Central	4F	Gathuine Central Water Association	B		4	4		162			29160		29160	Kainarutha	1995/10/26
Meru	Meru Central	4F	Director Water Development	D		149	149		6,129			1103220		1103220	Luguso	1997/2/3
Meru	Meru Central	4F	Marimanti Training Center	B		6	6		227			40860		40860	Kathita	1965/1/22
Meru	Meru Central	4F	Diocese Of Meru- Nkubu Mission Hospital	B		0	0		20			3645		3645	Thingitu	1975/4/16
Meru	Meru Central	4F	Meru Technical & Trade School	B		1	1		23			4086		4086	Gakurungi	1965/9/14

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (19/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru Central	4F	Tigania Farmers Co-operative Society Ltd	C		0	0		20			3667		3667	Kithiu	1968/1/29
Meru	Meru	4F	South Imenti Area Council	C		5	5		204			36751		36751	Mutonga	1971/4/13
Meru	Meru Central	4F	Kionyo Water Association	B		4	4		182			32688		32688	Ngaciuma	1975/12/31
Meru	Meru North	4F	Michiimikuru Irrigation Water Project	D		7	7		308			55485		55485	Thangatha River	2005/9/30
Meru	Meru Central	4F	Ritho Water Project	C		19	19		764			137448		137448	Cionkere Trib. Of Kazita	2005/10/21
MERU	Meru Central	4F	Gaceero Water Project	C		25	25		1,035			186218		186218	Thingithu River	2006/4/18
Meru	Meru Central	4F	Thingithu Tumaini Water Project	B		6	6		239			42953		42953	Thingithu River	2007/4/24
Meru	Meru Central	4F	Kabari Water Project	B		3	3		114			20455		20455	Ngaciuma River	2007/4/17
Meru	Meru Central	4F	Kiorone Murungurune	B		4	4		164			29454		29454	Koorone Spring	2006/3/2
Meru	Meru Central	4F	Mwangaza Water Project	B		6	6		227			40909		40909	Iriuka Spring	2006/3/1
Meru	Meru Central	4F	Kimathi Water Project	B		2	2		91			16362		16362	Kinyaritha River	2006/3/1
Meru	Meru Central	4F	Rubiri Mutethia Water Project	B		2	2		91			16362		16362	Kathita River	2006/1/17
Meru	Meru Central	4F	Kirime Farmers Water Project	B		3	3		136			24545		24545	Gitauga River	2006/3/1
Meru	Meru Central	4F	Ciantere Water Project	B		0	0		18			3276		3276	Ciantere Trib Of Kazita	2006/1/6
Meru	Meru Central	4F	Nkunya Water Project	B		9	9		352			63360		63360	Ngaciuma River	2006/2/20
Meru	Meru North	4F	Ngongoaka Ntorone Water Project	D		90	90		3,713			668250		668250	Thangatha River	2006/5/19
Meru	Meru Central	4F	Samuel Kinoti & Andrew Mikwa	B		3	3		118			21276		21276	Koogore Stream	2006/2/27
Meru	Meru North	4F	Kinanduba Down Farm	C		23	23		945			170100		170100	Ntonyiri Spring	2006/2/9
Meru	Meru North	4F	Kinanduba Down Farm	B		9	9		360			64800		64800	Ithiga Spring	2006/3/9
Meru	Meru North	4F	Kinanduba Down Farm	D		68	68		2,790			502200		502200	Kinanduba River	2006/4/18
Meru	Meru Central	4F	Kirimara Nthimbiri Water Project	D		353	353		14,546			2618190		2618190	Kathita River	2008/6/25
Meru	Meru North	4F	Irimba Water Project	B		7	7		270			48600		48600	Maria Stream	2006/2/7
Meru	Meru Central	4F	Njuthine Small Scale Irrigation Water Project	C		10	10		409			73636		73636	Mariara River	2006/2/20
Meru	Meru Central	4F	Mr. Geoffrey Kiambi	B		3	3		109			19635		19635	Uja Stream	2006/3/2
Meru	Meru	4F	Mutuaru Water Association	B		8	8		311			55890		55890	Kathita Munyi Stream	2006/6/21
Meru	Meru Central	4F	Mutethia Water Project	B		0	0		19			3387		3387	Thingithu River	2007/11/8
Meru	Meru Central	4F	Kioru Giaki Men Self Help Water Project	D		185	185		7,603			1368576		1368576	Kazita River	2007/7/18
Meru	Meru Central	4F	Karumanyathu Water Project	B		5	5		200			36000		36000	Gauku Spring	2006/6/16
Meru	Meru Central	4F	Peter Mrefu & Esther Wangari	B		2	2		86			15545		15545	Rutundu	2006/4/25
Meru	Meru Central	4F	Nkandone Mwichwiri Water Project	C		13	13		551			99180		99180	Koorone Spring	2006/6/16
Meru	Meru North	4F	Miathene Water Association	C		6	6		227			40909		40909	Mbuya Stream	2006/5/20
Meru	Meru Central	4F	Daniel Kiamakia Kiangura	C		21	21		864			155520		155520	Mariara River	2006/6/16
Meru	Meru Central	4F	Jitegemee Water Project	B		7	7		273			49086		49086	Kathita River	2006/2/1
Meru	Meru North	4F	Ngutu Water Project	C		10	10		405			72900		72900	Majira Stream	2006/6/20
Meru	Meru North	4F	Muungano Community Water Project	D		131	131		5,400			972000		972000	Thanatu	2008/9/16
Meru	Meru North	4F	Gikurine Water Project	B		4	4		180			32400		32400	Mwengumbi Trib. Of Ura	2006/6/20
Meru	Meru North	4F	Igari Mutethia Water Project	C		36	36		1,467			264060		264060	Kaguru Stream	2006/6/20
Meru	Meru North	4F	Bankwis S.H. Water Project	B		11	11		450			81000		81000	Nankoro Stream Trib. Of Ura	2006/9/1
Meru	Meru North	4F	Kathangene Murimi Water Project	B		5	5		225			40500		40500	Kathangene Spring	2006/9/3
Meru	Meru North	4F	Antuarimita Gitumbi Water Project	D		7	7		270			48600		48600	Thangatha River	2006/9/3
Meru	Meru North	4F	Kinathi Water Project	B		5	5		225			40500		40500	Majira Stream	2006/10/6

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (20/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru North	4F	Ura Tumutumu Water Project	B		8	8		315			56700		56700	Ura River	2006/9/3
Meru	Meru Central	4F	Mwereru Water Project	B		5	5		200			35957		35957	Kathita River	2006/5/18
Meru	Meru Central	4F	Nkurene Maendeleo Men Water Project	B		7	7		273			49086		49086	Kathita River	2005/8/15
Meru	Meru Central	4F	Nyomba Yathi Water Project	D		78	78		3,218			579272		579272	Kithino River	2003/1/23
Meru	Meru North	4F	Jackson Itiritha & Geoffrey . Ringeran	B		5	5		207			37260		37260	Mboone River	2006/5/19
Meru	Meru	4F	Mbarathiga 'B' Water Project	B		7	7		306			55080		55080	Thingithu River	2006/5/22
Meru	Meru Central	4F	Nangithia Water Association	C		12	12		499			89825		89825	Ngaciuma River	2007/7/10
Meru	Meru Central	4F	Mpwi Water Project	B		2	2		91			16362		16362	Igaka Stream Trib Of Thingithu	2006/11/17
Meru	Meru Central	4F	Kieru Women Group Water Association	B		6	6		248			44712		44712	Luria River	2006/6/7
Meru	Meru Central	4F	Muthanthara Farmers Water Association	B		11	11		450			81000		81000	Muthanthara Trib. Of Iraru	2006/6/7
Meru	Meru Central	4F	Kongone Water Association	B		1	1		45			8100		8100	Thingithu River	2006/6/7
Meru	Meru Central	4F	Gancheke Water Association	B		4	4		145			26172		26172	Mariara River	2006/6/13
Meru	Meru Central	4F	Kagene Kiamarere Water Project	B		3	3		109			19620		19620	Karumanyethe Stream	2006/6/13
Meru	Meru Central	4F	Githongo Church & Institutions W/Projects	B		2	2		91			16362		16362	Murugi Trib.of Mariara	2005/8/15
Meru	Nyambene	4F	Kilili Irrigation Water Project	C		22	22		900			162000		162000	Kilili/Kindani Spring	2006/7/21
Meru	Meru Central	4F	Kathongo Kabari Water Association	B		2	2		99			17820		17820	Karumandi Trib	2006/6/14
Meru	Meru Central	4F	Rwathi/ Kongoacheke Water Project	B		2	2		64			11455		11455	Mariara	2006/7/3
Meru	Meru	4F	Ntima Egiri Water Association	C		1	1		45			8154		8154	Thingithu River	2006/6/21
Meru	Meru Central	4F	Weru Water Association	B		2	2		91			16357		16357	Kazita River	2006/6/28
Meru	Meru Central	4F	Chairman Nkurune Water Association	B		4	4		180			32400		32400	Kazita River	2006/6/27
Meru	Meru Central	4F	Mwirangara	B		11	11		436			78512		78512	Kiugandegwa Trib Of Thingithu	2006/6/28
Meru	Meru North	4F	Kaguma Youth Water Project	B		5	5		225			40500		40500	Cululu Trib Of Kiolu	2007/2/6
Meru	Meru Central	4F	Kathambara/ Kirigu Water Association	B		2	2		91			16362		16362	Thingithu	2006/7/6
Meru	Meru North	4F	Mwili Water Project	C		16	16		675			121500		121500	Munguni Trib Of Ura River	2006/7/18
Meru	Meru	4F	Mwikangara Water Association	B		3	3		122			21870		21870	Mwirangara Stream	2006/7/21
Meru	Meru	4F	Abomuntu Water Association	B		3	3		136			24480		24480	Mariara River	2006/7/31
Meru	Meru	4F	Kanondone Water Association	B		3	3		118			21264		21264	Gakoromone Stream	2007/4/13
Meru	Meru	4F	Arithi Water Project	C		2	2		73			13091		13091	Kinyaritha River	2006/10/13
Meru	Meru	4F	Kioru Water Project	B		6	6		227			40909		40909	Iraru River	2006/9/29
Meru	Meru	4F	Muguma Murimi Water Project	D		79	79		3,240			583200		583200	Thanatu River	2007/8/14
Meru	Meru	4F	Ntuuru Tumaini Water Group	B		7	7		273			49091		49091	Kithino River	2006/10/30
Meru	Meru Central	4F	Gatarare Water Project	B		2	2		91			16362		16362	Koorone Trib Of Thambachuku	2007/4/13
Meru	Meru	4F	Kamenwa Water Project	B		6	6		236			42545		42545	Ngaciuma River	2005/9/12
Meru	Meru	4F	Nguna Murimi Hory Self Help Group	B		4	4		145			26181		26181	Thingithu River	2005/6/3
Meru	Meru	4F	Kiolo Water Project	B		7	7		270			48600		48600	Kiolo Stream	2006/9/8
Meru	Meru	4F	Gitutha Water Project	B		5	5		203			36450		36450	Kauwa Mwithu	2006/9/8
Meru	Meru	4F	Mairune 'B' Water Project	B		10	10		414			74448		74448	Gankunia Stream	2010/6/29
Meru	Meru	4F	Kiguru Wendani Water Project	B		3	3		114			20448		20448	Kathita River	2006/9/29
Meru	Meru	4F	Tangiri Water Project	B		9	9		368			66240		66240	Mpuri Strea	2006/9/1
Meru	Meru	4F	Kirambiri Water Project	C		12	12		509			91638		91638	Kithino River	2006/9/25
Meru	Meru	4F	Ciothirai Kuuru Water Project	B		4	4		169			30384		30384	Kuuru	2010/1/20

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (21/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru	4F	Njuki Njiru Water Project	C		10	10		409			73638		73638	Kathita	3597/2/13
Meru	Meru	4F	Muruugi-Kioru Water Project	B		4	4		182			32728		32728	Mariara	2007/2/12
Meru	Meru	4F	Muthera Water Project	C		13	13		540			97200		97200	Gitai Stream	2006/11/14
Meru	Meru	4F	Mwonokia Kiamituja Water Project	B		4	4		182			32728		32728	Mariara River	2007/7/11
Meru	Meru	4F	Ruiri Water Project	C		11	11		455			81819		81819	Kathita River	2006/11/17
Meru	Meru	4F	Mutethia Millenium Water Project	B		0	0		18			3272		3272	Gitauga Stream	2006/9/21
Meru	Meru	4F	Enoc Kirimi & A. Kinyua	B		0	0		18			3272		3272	Kinyaritha River	2004/4/27
Meru	Meru	4F	Sanaka Water Project	B		4	4		159			28638		28638	Kathita River	2007/7/10
Meru	Meru	4F	Kiuthine Water Association	B		2	2		90			16200		16200	Rwaire	2007/2/20
Meru	Meru	4F	Ntimene Water Project	C		19	19		791			142362		142362	Mariara	2003/7/1
Meru	Meru	4F	Kithare Water Project	B		7	7		288			51840		51840	Thanga Stream	2006/9/27
Meru	Meru	4F	Ngwataniro Water Project	B		6	6		227			40914		40914	Kithinu	2006/9/28
Meru	Meru	4F	Mwonyone Water Project	B		7	7		270			48600		48600	Mwonjilu	2004/3/22
Meru	Meru	4F	Bonjaru Mukuune Water Project	B		9	9		353			63594		63594	Mkuune Spring	2008/8/6
Meru	Meru	4F	Kimirii Women Water Project	C		16	16		675			121500		121500	Ntumbiri	2001/5/23
Meru	Meru	4F	Mungania Water Association	B		1	1		36			6552		6552	Gitauga	2003/12/5
MERU	Meru	4F	Gatura S.H. Water Project	B		4	4		160			28755		28755	Mariara	2006/10/9
MERU	Meru	4F	Kimirii Women Water Project	C		16	16		675			121500		121500	Ntumbiri Stream	2006/10/18
Meru	Meru	4F	Umbutha Men Water Project	C		3	3		127			22878		22878	Kinyaritha Stream	2006/10/6
Meru	Meru North	4F	M.C.K. Kiandu/ Kiamaroo Water Project	C		11	11		450			81000		81000	Kamroo Stream	2005/7/18
Meru	Meru North	4F	Kalimba Irrigation Water Project	B		8	8		329			59130		59130	Kalimba Strea	2006/11/15
Meru	Meru Central	4F	Nkonkura/ Kuruma Water Project	B		5	5		200			35957		35957	Kathita River	2006/10/5
Meru	Meru North	4F	Kingirwa Irrigation Water Project	C		55	55		2,250			405000		405000	Liutu River	2007/3/12
Meru	Meru North	4F	Kitheo Irrigation Water Project	D		55	55		2,250			405000		405000	Rujiwero Stream	2007/8/3
Meru	Meru North	4F	Thei Self Help Water Project	C		5	5		189			34020		34020	M'toabita Springs	2004/3/29
Meru	Meru North	4F	Kitheo Irrigation Water Project	C		44	44		1,800			324000		324000	Maano Stream	2002/3/13
Meru	Meru North	4F	Kamarima Water Association	B		7	7		279			50220		50220	Baitaikua Stream	2006/9/19
Meru	Meru North	4F	Kanjoo Irrigation Water Project Phase II	C		31	31		1,296			233280		233280	Gatorine Spring	2005/6/20
Meru	Meru North	4F	Catholic Diocese Of Meru (Kinna Mission)	B		0	0		18			3240		3240	Njoro Ya Kinna	2006/9/27
Meru	Meru North	4F	Kimutubua Kalua Irrigation Water Project	C		33	33		1,350			243000		243000	Buathanaro	2003/9/15
Meru	Meru North	4F	Matiandui Water Project	C		11	11		450			81000		81000	Buathanaro	2006/8/31
Meru	Meru North	4F	Kongolo Water Project	B		8	8		315			56700		56700	Kongolo	2006/9/25
Meru	Meru North	4F	Likuene Kalemi Women Water Project	B		10	10		423			76140		76140	Kionde Stream	2003/7/7
Meru	Meru Central	4F	Kirikwe Water Association	B		4	4		162			29160		29160	Kiuga Ndegwa	2006/12/6
Meru	Meru North	4F	Kunathi Irrigation Water Project	D		20	20		808			145440		145440	Thangatha	2003/12/5
Meru	Meru North	4F	Kamarima Water Association	B		7	7		279			50220		50220	Baitaikua Stream	2006/9/27
Meru	Meru North	4F	Momwere Self Help Water Project	C		33	33		1,350			243000		243000	Momwere River	2006/9/12
Meru	Meru North	4F	Kaluli Youth Water Group	C		22	22		900			162000		162000	Karui Gakiu Koroku	2003/9/15
Meru	Meru North	4F	Karimachuma Water Project	C		21	21		864			155520		155520	Rwerawa Spring	2006/9/28
Meru	Meru Central	4F	Kamurita Water Association	B		2	2		100			17993		17993	Thambanchuku River	1997/8/12
Meru	Meru Central	4F	Kagwambiti Water Project	B		2	2		91			16357		16357	Kaugambiti Stream	2005/8/24

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (22/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru Central	4F	Rwangua Water Association	B		11	11		470			84645		84645	Mariara	1999/9/21
Meru	Meru Central	4F	Kamaiga Water Association	B		3	3		136			24545		24545	Karigi	2007/5/16
Meru	Meru Central	4F	Mukondo 'B' Water Association	B		7	7		273			49070		49070	Mariara	2006/8/24
Meru	Meru Central	4F	Kaburia Water Association	C		33	33		1,341			241380		241380	Kaburia Stream	1998/8/28
Meru	Meru Central	4F	C.C.M. Kimate Water Association	C		37	37		1,530			275400		275400	Mariara	1993/8/25
Meru	Meru North	4F	Kitheo Irrigation Water Project	C		43	43		1,764			317520		317520	Kau Stream	2007/8/2
Meru	Meru Central	4F	Gaitune-Kirwiro Water Association	B		2	2		91			16344		16344	Munjuri Stream	2006/9/13
Meru	Meru Central	4F	Uruku Mwiku Water Association	B		4	4		183			32868		32868	Marimba	2006/9/26
Meru	Meru Central	4F	Keeru Mbwinjeru Water Association	B		3	3		127			22878		22878	Thambanchuku	2004/3/2
Meru	Meru Central	4F	Ciandu Water Association	B		2	2		91			16357		16357	Mariara River	2006/11/24
Meru	Meru North	4F	Alfred karanu Mutahi	B		3	3		113			20250		20250	Nungunu Stream	2001/7/11
Meru	Meru Central	4F	Kirugwa Water Association	B		7	7		291			52340		52340	Ncigi	2006/10/18
Meru	Meru Central	4F	Upper Nkunjumo Water Association	B		5	5		209			37620		37620	Mariara	2002/8/21
Meru	Meru Central	4F	Gataaraga Water Association	B		4	4		164			29441		29441	Kithima Kia Chunu	2006/8/30
Meru	Meru Central	4F	Baitigitu Water Association	B		4	4		162			29160		29160	Thingithu	1998/9/11
Meru	Meru Central	4F	Gitine Water Association	B		7	7		288			51840		51840	Mathamjwe Stream	1999/10/1
Meru	Meru Central	4F	Kaaga Self Help Water Project	B		1	1		21			3726		3726	Ngaciuma	1993/4/19
Meru	Meru North	4F	Mungumone Water Project	B		3	3		104			18630		18630	Mugumone Spring	1997/6/25
Meru	Meru North	4F	Muguna Self Help Group Water Project	B		4	4		146			26325		26325	Thanatu	1994/3/22
Meru	Meru Central	4F	Kanyira Water Association	B		3	3		124			22356		22356	Ngaciuma	2001/1/26
Meru	Meru Central	4F	Ngithira Water Association	B		3	3		135			24300		24300	Karimaiga	1994/11/28
Meru	Meru Central	4F	Mungura Mienjera W/P	B		3	3		117			21060		21060	Mienjera	1993/8/10
Meru	Meru Central	4F	Mutunga Mutethia Water Project	D		131	131		5,400			972000		972000	Katonga	1993/3/30
Meru	Meru Central	4F	Mikuruwene Water Project	D		94	94		3,881			698625		698625	Kathita	1993/8/12
Meru	Meru Central	4F	Mutethia Rugomo S.H. Group	B		4	4		155			27945		27945	Mukiya	1995/11/9
Meru	Meru Central	4F	Mbwinjeru Water Project	C		53	53		2,199			395888		395888	Thambachunku	1993/8/12
Meru	Meru Central	4F	Kanthiga Water Association	B		3	3		135			24300		24300	Kagwankunguru Stream	2006/11/3
Meru	Meru Central	4F	Murangone Water Association	C		13	13		518			93150		93150	Nkuthi	1993/6/11
Meru	Meru Central	4F	Nkuene Kathai Water Association	D		99	99		4,057			730296		730296	Mariara	1995/7/24
Meru	Meru Central	4F	Kaiburu Water Association	B		3	3		135			24300		24300	Kithino	1994/12/14
Meru	Meru North	4F	Justus Mwitari Ndegwa	B		1	1		52			9315		9315	Ngaciuma	2001/10/22
Meru	Meru Central	4F	Thingithu Nkathine Water Association	B		2	2		90			16200		16200	Thingithu	1999/7/26
Meru	Meru Central	4F	Ndamene Water Association	C		24	24		990			178200		178200	Kauagangogo Stream	2007/2/15
Meru	Meru Central	4F	Kithaene Water Association	B		3	3		108			19440		19440	Kithaene	2004/4/27
Meru	Meru Central	4F	Mwaa Water Association	C		18	18		747			134460		134460	Mwaa Spring	2006/11/15
Meru	Meru Central	4F	Nkunya Water Association	B		5	5		198			35640		35640	Ngaciuma	2004/9/1
Meru	Meru Central	4F	Kiamiogo Water Association	D		74	74		3,065			551700		551700	Kathita	2006/10/25
Meru	Meru Central	4F	Kenje Water Association	B		4	4		153			27540		27540	Kagorwe	1995/10/11
Meru	Meru Central	4F	Kirimara Water Association	B		3	3		135			24300		24300	Iraru	1989/12/13
Meru	Meru Central	4F	Diocese Of Meru- Kamujene Water Project	C		1	1		27			4860		4860	Thangatha	1991/4/9
Meru	Meru Central	4F	Baragu Kunyungu Water Association	B		2	2		90			16200		16200	Kamuru	1998/2/6

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (23/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru Central	4F	Kigongo Water Project	B		2	2		90			16200		16200	Ciancheke Stream	1994/3/23
Meru	Meru	4F	Kathungutho Ntonyero Water Association	C		19	19		765			137700		137700	Gitanga	1990/8/22
Meru	Meru Central	4F	Gatemena Water Association	B		4	4		180			32400		32400	Rwaire	1993/5/3
Meru	Meru Central	4F	Kiiga Water Project	B		7	7		270			48600		48600	Rwaire	1991/5/7
Meru	Meru Central	4F	Kirikwe Water Association	B		4	4		162			29160		29160	Kamenchu	2003/10/22
Meru	Meru Central	4F	Kithino Green Water Association	C		14	14		576			103680		103680	Kithino	1993/2/26
Meru	Meru Central	4F	Kuuru Water Association	B		2	2		90			16200		16200	Kuuru	1990/5/28
Meru	Meru North	4F	Kanjoo Self Help Water Project	B		5	5		225			40500		40500	Rojewro	1989/5/25
Meru	Meru Central	4F	Mururine Kiagaru Water Association	B		2	2		91			16364		16364	Iraru	1993/3/18
Meru	Meru Central	4F	Ruraone Water Association	B		4	4		153			27573		27573	Rwaire	1991/9/24
Meru	Meru Central	4F	Mukuune 'B' Water project	B		2	2		90			16200		16200	Ndemi	1993/4/19
Meru	Meru North	4F	Thonki Water Association	B		5	5		189			34020		34020	Karui Kathaka	1990/8/6
Meru	Meru North	4F	Kinuu Water Association	B		3	3		109			19636		19636	Thiti	1990/7/11
Meru	Meru Central	4F	Muruugi (Wakulima) Water Association	B		3	3		113			20250		20250	Gikorone	1991/5/8
Meru	Meru Central	4F	Nkugua Water Association	C		11	11		450			81000		81000	Kazita	1991/10/17
Meru	Meru Central	4F	Kimitu Water Association	C		37	37		1,530			275400		275400	Thigithu	1995/9/12
Meru	Meru Central	4F	Kinondone Water Association	B		4	4		171			30764		30764	Karakware	1989/10/24
Meru	Meru Central	4F	Githongo Water Association	B		5	5		225			40500		40500	Mariara River	1998/9/24
Meru	Meru Central	4F	Kianaibate /Chura water Project	D		8	8		340			61200		61200	Kinyaritha	2001/6/15
Meru	Meru	4F	Gitura Water Association	B		0	0		18			3240		3240	Kilindo	1991/4/8
Meru	Meru North	4F	Ngiine Water Association	B		3	3		127			22909		22909	Ngiine	1988/1/12
Meru	Meru	4F	Kithaine Kathune Water Association	B		3	3		136			24545		24545	Kirukuru	1987/7/21
Meru	Meru	4F	Murimi Water Project	B		2	2		91			16364		16364	Kaluui-Kamburi	1987/11/19
Meru	Meru	4F	Kianjogu Water Association	B		4	4		155			27810		27810	Kianjogu	2007/10/30
Meru	Meru Central	4F	Rianyambo Water Association	B		1	1		54			9806		9806	Gitabore Stream	1978/10/11
Meru	Meru Central	4F	Uruku Upper Thingithu Waterb Project	B		4	4		182			32731		32731	Thinggithu	1983/4/20
Meru	Meru Central	4F	Jonah M'mukira	B		3	3		109			19613		19613	Mariara River	1976/1/12
Meru	Meru Central	4F	Keeru Mbwinjeru Water Association	B		3	3		127			22882		22882	Gakuri Stream	1981/1/28
Meru	Meru Central	4F	Maigene Water Association-Gaatia School	C		1	1		48			8581		8581	Thagara Stream	1976/11/24
Meru	Meru Central	4F	Ntagati Chiara Water Association	B		7	7		291			52362		52362	Koorone Stream	2004/4/29
Meru	Meru Central	4F	Central Abothuguchi Water Project	D		51	51		2,082			374756		374756	Mariara River	2007/2/13
Meru	Meru Central	4F	Mitunguu Farmers Water Association	D		82	82		3,364			605455		605455	Thingithu	1978/8/25
Meru	Meru Central	4F	Kanyanje Water Association	B		4	4		182			32688		32688	Kazita	1978/5/7
Meru	Meru Central	4F	Kamaiga Water Association	B		3	3		136			24516		24516	Kinyoo Stream	1978/8/2
Meru	Meru Central	4F	Nkukumo Water Association	B		4	4		145			26150		26150	Kanthungu	1978/12/27
Meru	Meru Central	4F	Karunkua Water Association	B		4	4		145			26150		26150	Karunkua	2008/1/17
Meru	Meru Central	4F	Lower Gakuru Mbwinjeru Coffee Factory	B		3	3		118			21263		21263	Gakuri Stream	1978/12/20
Meru	Meru Central	4F	Gideon Mugambi M. Athara	B		2	2		73			13085		13085	Kinyaritha Stream	1979/6/13
Meru	Meru Central	4F	Githongo Water Association	B		2	2		81			14580		14580	Kathanje Stream	1979/9/19
MERU	Meru North	4F	Muthathene Water Association	B		2	2		89			16020		16020	Mwamba	1979/10/3
Meru	Meru Central	4F	Mucii Mukuru Water Association	B		4	4		180			32400		32400	Gatuanjao Stream	2007/8/7

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (24/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru Central	4F	Maringene Majerune Water Association	B		5	5		200			36000		36000	Thingithu River	2007/7/17
Meru	Meru Central	4F	Kamukara Water Association	C		32	32		1,318			237272		237272	Kazita	2007/7/18
Meru	Meru Central	4F	Thuura/Giaki Water Association	D		967	967		39,807			7165260		7165260	Kazita	2008/1/17
Meru	Meru Central	4F	Tabiru Water Association	B		3	3		108			19440		19440	Kanyuango Trib Of Kazita	2007/7/11
Meru	Meru Central	4F	Kang'ombe Water Association	B		4	4		182			32724		32724	Kanyuango Stream	1983/11/3
Meru	Meru Central	4F	Mujwa/Mututa Water Project	D		44	44		1,816			326880		326880	Thingithu	2007/7/3
Meru	Meru Central	4F	Kiaruji Water Association	B		7	7		273			49091		49091	Lower Kagorwe	1986/11/2
Meru	Meru Central	4F	Karinga Gitongo Water Association	D		4	4		182			32713		32713	Thagara Stream	1983/11/3
Meru	Meru North	4F	Thanatu Machegene Water Association	B		7	7		273			49091		49091	Thanatu	1985/8/17
Meru	Meru Central	4F	Gankere Muteithia Maendeleo Association	B		8	8		329			59296		59296	Nthongo Ya Mathithi	2007/4/17
Meru	Meru North	4F	Muonyone Water Association	B		2	2		91			16362		16362	Kamarai Stream	1984/10/11
Meru	Meru Central	4F	Rwanthanju Water Project	B		2	2		77			13909		13909	Mariara River	2007/11/23
Meru	Meru Central	4F	Ntringi Mugenya Water Association	B		3	3		126			22680		22680	Kazita	2004/8/27
Meru	Meru Central	4F	Kiarie Nkumari Water Association	C		44	44		1,800			324000		324000	Kithino River	2001/10/24
Meru	Meru Central	4F	Rugonoge Water Furrow Association	C		15	15		618			111258		111258	Ngaciuma River	1972/3/29
Meru	Meru Central	4F	Riiji Water Furrow Association	B		2	2		98			17716		17716	Riiji Stream	2007/7/13
Meru	Meru Central	4F	Mworoga/ Mpuri Water Association	C		10	10		426			76752		76752	Runji Rwa Ng'ombe	2007/11/27
Meru	Meru Central	4F	Kaibi Water Furrow & Pipeline	D		192	192		7,910			1423805		1423805	Kaibi Stream	1970/4/22
Meru	Meru Central	4F	Mwirine Self Help Group Water Association	B		2	2		72			13009		13009	Kunungu Stream	1972/8/30
Meru	Meru Central	4F	Kiarago Water Association	B		1	1		52			9306		9306	Kathanje	2007/5/22
Meru	Meru Central	4F	Nguchia Water Project	B		4	4		182			32724		32724	Mariara River	2007/11/23
Meru	Meru Central	4F	Kithima Water Association	B		3	3		114			20455		20455	Kithima Stream	1973/5/2
Meru	Meru Central	4F	Kitharene Water Association	B		4	4		155			27900		27900	Kitharene Stream	1991/2/27
Meru	Meru Central	4F	Gancheke Water Association	B		4	4		146			26190		26190	Mariara	2004/8/30
Meru	Meru Central	4F	Mwiria Water Association	B		4	4		145			26019		26019	Kamare Stream	1971/9/29
Meru	Meru Central	4F	Mucheke Self Help Group	B		3	3		103			18574		18574	Ncoro Stream	1974/6/26
Meru	Meru Central	4F	Kanyo Mwiriene Water Association	B		3	3		103			18575		18575	Kanyo Stream	1990/3/15
Meru	Meru Central	4F	Gilbert Kabere M'mbijewe	B		3	3		126			22646		22646	Kabere Spring	1972/3/22
Meru	Meru Central	4F	Marega Water Association	B		6	6		247			44509		44509	Mariara	1976/7/7
Meru	Meru Central	4F	Katharene Rwaire Water Association	B		3	3		104			18687		18687	Rwaire River	1988/6/28
Meru	Meru Central	4F	Reure Water Association	B		2	2		62			11129		11129	Ngacuima River	1973/11/28
Meru	Meru Central	4F	Thaene Water Association	B		3	3		103			18574		18574	Gitauga River	1980/8/6
Meru	Meru Central	4F	Kithino Mari Water Association	D		118	118		4,871			876739		876739	Kithino	2007/4/17
Meru	Meru Central	4F	Gachiege/ Tiaru Water Association	B		2	2		92			16528		16528	Gachiege Stream	1980/1/9
Meru	Meru North	4F	James Ruito Kathata	B		3	3		103			18573		18573	Kathithine Kina Stream	1973/8/1
Meru	Meru Central	4F	County Council of Meru	C		23	23		929			167155		167155	Kazita	1978/9/27
Meru	Meru Central	4F	Mariara Water Association	B		3	3		118			21272		21272	Mariara River	1985/8/27
Meru	Meru Central	4F	Nkunga Water Association	C		25	25		1,022			183886		183886	Nkunga	1977/10/26
Meru	Meru Central	4F	Kagwiria Thingithu Water Association	B		3	3		130			23318		23318	Thingithu	1984/11/1
Meru	Meru Central	4F	Muguna Igoki Nkabune Water project	B		6	6		227			40907		40907	Kazita	2007/2/23
Meru	Meru Central	4F	Mikurwene Water Project	C		15	15		618			111272		111272	Rwaire	1974/10/9

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (25/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru Central	4F	Uruku Prison	B		4	4		182			32728		32728	Muthura	2007/2/20
Meru	Meru Central	4F	Mukeremi Water Project	C		8	8		318			57272		57272	West Kathita	2007/4/5
Meru	Meru Central	4F	Mungune Water Association	C		13	13		534			96030		96030	Mungune	2003/8/31
Meru	Meru Central	4F	Kirigara Water Association	D		166	166		6,818			1227272		1227272	Kirindanguruwe Stream	1975/6/25
Meru	Meru Central	4F	Muthura Water Association	C		13	13		545			98181		98181	Thingithu	1966/10/24
Meru	Meru Central	4F	Ithambara Water Association	B		3	3		136			24516		24516	Mariara	1997/10/3
Meru	Meru Central	4F	Kieguchia Gatimbi Water Association	C		12	12		486			87480		87480	Thingithu River	1993/5/10
Meru	Meru Central	4F	Mutiru Water Project	B		8	8		318			57272		57272	Kathita Munyi Stream	2007/9/5
Meru	Meru Central	4F	Mpenje Water Project	C		44	44		1,818			327272		327272	Iraru	2006/11/13
Meru	Meru North	4F	Nkione/ Nkumburu Water Project	B		11	11		450			81000		81000	Thangatha River	2010/1/18
Meru	Meru Central	4F	Marathi Water Association	C		31	31		1,296			233280		233280	Mariara	2007/8/6
Meru	Meru Central	4F	Dishon Munyugi Mukunga	B		6	6		234			42142		42142	Kambathina River	1981/7/8
Meru	Meru Central	4F	Gatura Water Project	B		5	5		191			34364		34364	Kathitamunyi Stream	2007/4/25
Meru	Meru Central	4F	Ntintiru Water Project	B		4	4		145			26181		26181	Thingithu River	2007/11/28
Meru	Meru North	4F	Nyankine Gataru Water Project	C		16	16		648			116640		116640	Gataru Stream	2007/6/7
Meru	Meru North	4F	Giankombe Mutethia Water Project	B		5	5		203			36450		36450	Kionde River	2007/6/6
Meru	Meru Central	4F	Mungatia Water Project	C		11	11		455			81810		81810	Ngaciuma River	2007/6/6
Meru	Meru North	4F	Kaluli Irrigation Water Project	D		66	66		2,700			486000		486000	Ura River	2007/6/5
Meru	Meru Central	4F	Gieto Water Project	B		8	8		318			57276		57276	Kairanya Spring	2007/6/7
Meru	Meru Central	4F	Muthangene Rubiri 'B' Water Project	B		6	6		236			42552		42552	Ciokithagacha Spring	2010/3/12
Meru	Meru Central	4F	Peter M. Muchai	B		5	5		200			36000		36000	Kathita West Spring	2008/3/3
Meru	Meru Central	4F	Mwendwa 3C Kiathe Water Project	B		2	2		73			13091		13091	Mwaa Springs	2007/5/21
Meru	Meru Central	4F	Nkabune Muguna Igoki Water Project	D		121	121		5,000			900000		900000	Kathita River	2007/7/26
Meru	Meru Central	4F	Kirantina Water Project	B		1	1		55			9819		9819	Thingithu River	2007/11/28
Meru	Meru North	4F	Kuga Nagwika Water Project	D		11	11		450			81000		81000	Thanga Stream Thangatha	2008/4/9
Meru	Meru Central	4F	Muuru Women Water Project	B		7	7		273			49091		49091	Karigi Trib Of Kathita River	2008/3/25
Meru	Meru	4F	Gerald M'rimberia Riria	B		9	9		391			70362		70362	Gacembe Trib Of Rwaire River	1990/2/2
Meru	Imenti North	4F	Muguna Kiraria Youth Water Project	B		3	3		136			24545		24545	Kathita River	2008/6/25
Meru	Meru Central	4F	Ngonga Makadune	C		12	12		500			90000		90000	Thingithu	
Meru	Meru Central	4F	Mutethia Kinaani Water Project	C		6	6		236			42552		42552	Kinyaritha Rivewr	
Meru	Meru North	4F	Mucuune Women Group Water Project	C		2	2		90			16200		16200	Thanga River	
Meru	Meru Central	4F	Kiandaru Kitheo Water Project	B		5	5		200			36000		36000	Kaitha Stream	
Meru	Meru Central	4F	Nthumbi Nchaure Water Project	C		12	12		477			85909		85909	Rutune River	
Meru	Meru Central	4F	Kairebi Nyweri Water Association	B		3	3		129			23292		23292	Gakuri Stream	
Meru	Meru	4F	Mworoga Women Group	B		10	10		414			74520		74520	Kazita River	
Meru	Meru Central	4F	Nyweri Mwireri Water Project	B		9	9		364			65454		65454	Koorone Trib	
Meru	Meru North	4F	Diocese Of Meru- Amungeti Coffee Factory	C		60	60		2,463			443376		443376	Mboone River	
Meru	Meru North	4F	Marega Irrigation Water Project	C		14	14		576			103680		103680	Kionde Trib Of Thanantu	
Meru	Meru Central	4F	Tutumu Water Association	B		2	2		86			15545		15545	Sunu Springs	
Meru	Meru Central	4F	Gatemane Water Project	B		1	1		50			9000		9000	Gakutha Trib Of Thambanchuku	
Meru	Meru Central	4F	Matinya Kinugu Water Project	B		5	5		218			39272		39272	Kamero Stream	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (26/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru North	4F	Muchii Mukuru Water Project	D		7	7		308			55476		55476	Thangatha	
Meru	Meru North	4F	M.C.K. Kiandu/ Kiamaroo Water Project	C		22	22		900			162000		162000	Kamuratha & Kamaroo Springs	
Meru	Meru Central	4F	Muthaga Water Association	B		5	5		188			33914		33914	Mariara River	
Meru	Meru Central	4F	Kega Water Project	B		2	2		86			15534		15534	Kaguta River	
Meru	Meru North	4F	Muchuune Water Project	C		22	22		900			162000		162000	Thanantu	
Meru	Meru Central	4F	Nkui Farmers Water Association	C		20	20		828			149040		149040	Kithino	
Meru	Meru Central	4F	Kirungurune Water Association	B		4	4		164			29448		29448	Gikomorene	
Meru	Meru Central	4F	Marega Water Association	B		2	2		91			16357		16357	Kambiti Stream	
Meru	Meru Central	4F	Ntenderene 'A' Water Project	B		8	8		342			61479		61479	Gitaunga	
Meru	Meru Central	4F	Stephen M' rimberia	B		5	5		186			33534		33534	Mariara	
Meru	Meru	4F	Giika Community Center water Project	B		4	4		180			32400		32400	Gitae Stream	
Meru	Meru Central	4F	Muguru Water Association	C		19	19		765			137700		137700	Thingithu	
Meru	Meru Central	4F	Kinjo Mathiguine Water Association	B		4	4		145			26150		26150	Rwaire	
Meru	Meru Central	4F	Henry Kinyua	C		22	22		900			162000		162000	Munyari	
Meru	Meru Central	4F	Gatinda Water Association	B		2	2		90			16200		16200	Gitauga	
Meru	Meru Central	4F	Lunyuki Laithicii Water Association	B		5	5		198			35640		35640	Makarakara	
Meru	Meru Central	4F	Gitutha Water Association	C		22	22		900			162000		162000	Kauwamwithu	
Meru	Meru Central	4F	Athwana Ngwataniro Water Association	C		55	55		2,250			405000		405000	Kithiu	
Meru	Meru Central	4F	Kionge Water Association	B		11	11		468			84240		84240	Muthuri	
Meru	Meru	4F	Kagwanyama Girine Water Association	C		2	2		90			16200		16200	Mathanjwi	
Meru	Meru Central	4F	Kailune Water Association	B		3	3		108			19440		19440	Kamwere	
Meru	Meru Central	4F	Thangiri Water Association	B		9	9		373			67091		67091	Gatobora	
Meru	Meru Central	4F	Kiamauti Water Association	B		2	2		90			16200		16200	Thanantu	
Meru	Meru Central	4F	Kanthuni Water Association	B		3	3		127			22882		22882	Kanthuni Stream	
Meru	Meru Central	4F	Kenya Methodist University	D		12	12		500			90000		90000	Muthui Stream	
Meru	Meru Central	4F	Kibiricha Water Project	D		44	44		1,818			327240		327240	Ngare Narok Furrow	
Meru	Meru Central	4F	Karungune Katheri Water Association	B		8	8		327			58918		58918	Ruaire River	
Meru	Meru	4F	Mutethia Water Association	B		2	2		62			11128		11128	Ngare Narok Furrow	
Meru	Meru	4F	Gold Angel Agr. Project	D		0	0		4			662		662	Ruiruiru	
Meru	Meru	4F	Gaitamau Water Project	B		4	4		183			32908		32908	Kithambia	
Meru	Meru	4F	Marerine Water Association	B		10	10		396			71280		71280	Karimba Stream	
Meru	Meru	4F	Kiriungi Women Group	C		25	25		1,014			182520		182520	Riiji River	
Meru	Meru	4F	Mohammed Ali Mohamed	B		8	8		320			57600		57600	Kuuru River	
Meru	Meru	4F	Muthurania Water Project	B		6	6		227			40909		40909	Kanyuango River	
Meru	Meru	4F	Kamiruri Water Project	B		10	10		395			71181		71181	Kamwiga Stream	
Meru	Meru	4F	Thingithu Kauthene Water Project	C		22	22		909			163638		163638	Thingithu River	
Meru	Meru Central	4F	Muthangene Rubiri Water Association	B		6	6		241			43364		43364	Kathita Munyi Stream	
Meru	Meru	4F	Thumbi Water Project	C		19	19		763			137412		137412	Mariara River	
Meru	Imenti	4F	Sioba Water Project	B		2	2		68			12272		12272	Kuigandegwa River	
Meru	Meru	4F	Aboncenge Water Association	B		2	2		91			16362		16362	Kanoru Stream	
Meru	Meru	4F	Thomas Murugu M'turuchiu	B		0	0		18			3272		3272	Kinyaritha River	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (27/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Imenti	4F	Kijoka Water Project	C		17	17		682			122728		122728	Marimba River	
Meru	Imenti	4F	Muthuri Water Project	B		9	9		378			68040		68040	Ngaciuma River	
Meru	Imenti South	4F	Kaigene Water Association	B		2	2		68			12150		12150	Thingithu River	
Meru	Imenti South	4F	Gatoone Mutethia Water Project	B		1	1		45			8181		8181	Thingithu River	
Meru	Meru Central	4F	Rugeta Water Project	B		3	3		112			20106		20106	Marirara River	
Meru	Meru Central	4FA	Ciomburu Community Development Project	B		3	3		138			24849		24849	Ngaciuma River	2008/9/12
Meru	Meru Central	4FA	Kimuri Water Project	C		24	24		991			178362		178362	Kathita River	2009/5/13
Meru	Meru Central	4FA	Rugeta Water Project	B		3	3		109			19636		19636	Kathita River	2009/5/22
Meru	Meru Central	4FA	Mutitiki Igoki Rural Water Project	B		3	3		118			21273		21273	Mutitiki Spring Of Kathita	2009/11/16
Meru	Meru Central	4FA	Kanyuango Water Association	B		1	1		36			6552		6552	Kanyuango Trib Of Kathita	2009/2/6
Meru	Meru Central	4FA	Gakumbo Water Project	B		4	4		145			26170		26170	Kuuru River	2009/1/22
Meru	Meru	4FA	Gatuntune Water Association	B		2	2		90			16200		16200	Kazita River	2009/11/18
Meru	Meru	4FA	Karijo Mutego Water Association	B		6	6		230			41387		41387	Riiji St. Trib Of Rware River	2010/6/30
Meru	Meru Central	4FA	Murangi Water Project	D		60	60		2,457			442260		442260	Kathita River	2008/11/17
Meru	Meru Central	4FA	Kithamburu Water Project	B		10	10		426			76615		76615	Kanyango Trib Of Kathita	2008/6/4
Meru	Meru Central	4FA	Kirugua Mutethia Water Project	B		2	2		91			16362		16362	Kathita River	2009/5/13
Meru	Imenti South	4FA	Kabii Water Project	B		2	2		101			18137		18137	Ngachiuma River	2008/9/16
Meru	Meru Central	4FA	Nkubu High School	B		0	0		18			3272		3272	M'maingi Spring	2009/1/22
Meru	Meru North	4FA	Kiorimba Machengene Water Project	C		4	4		182			32724		32724	Thanatu River	2008/10/14
Meru	Meru Central	4FA	Meru Top Investment (Fred's Academy)	B		7	7		276			49680		49680	Ngaciuma River	2008/11/4
Meru	Meru Central	4FA	Kinjo South Water Project	B		7	7		282			50724		50724	Mariara	2009/2/6
Meru	Meru Central	4FA	Gaitune Water Association	C		35	35		1,428			257127		257127	Karimaiga Stream Trib Of Kathita	2008/11/17
Meru	Meru Central	4FA	Kiraa Gichocho Water Project	B		3	3		136			24534		24534	Karumanyethu Of Thingithu	2008/11/18
Meru	Meru Central	4FA	Kaimenyi Water Project	C		25	25		1,037			186624		186624	Kathita	2009/3/24
Meru	Meru Central	4FA	Bahati Water Project	B		2	2		91			16362		16362	Bahati Stream	2009/4/24
Meru	Meru Central	4FA	Kanja Gantuku Water Project	C		4	4		154			27806		27806	Kathita	2009/2/6
Meru	Meru Central	4FA	Kithima Inono Water Project	B		5	5		209			37692		37692	Gatekene Stream Trib Of Kathita	2008/11/12
Meru	Meru Central	4FA	Mwiguni Water Association	B		7	7		270			48600		48600	Luguso Trib Of KaThita	2010/5/12
Meru	Meru Central	4FA	Kirima Kiathi Water Project	C		44	44		1,800			324000		324000	Kazita	2009/1/22
Meru	Meru Central	4FA	Kirima/Kirago Water Association	B		11	11		450			81000		81000	Kazita River	2008/9/26
Meru	Meru Central	4FA	Muguna Water Association	C		35	35		1,436			258480		258480	Kazita	2008/11/18
Meru	Meru Central	4FA	Buuri Ndaja Water Association	B		3	3		135			24300		24300	Gatekene Trib Of Kathita River	2008/11/5
Meru	Meru	4FA	Kathita Gankau Water Association	C		13	13		531			95580		95580	Kazita River	2008/11/18
Meru	Meru Central	4FA	Memeo Water Association	B		4	4		158			28383		28383	Ngacuima River	2008/11/17
Meru	Meru Central	4FA	Uriku Mwiku Water Association	C		4	4		183			32868		32868	Marimba Stream Trib Of Thigithu	2009/1/21
Meru	Meru Central	4FA	Kijijone Water Association	B		2	2		100			18000		18000	Rwairi River	2008/11/5
Meru	Meru Central	4FA	Murutu Water Association	B		2	2		91			16362		16362	Murutu Stream	2008/6/24
Meru	Meru Central	4FA	Gachoro Water Association	B		8	8		309			55633		55633	Murutu Stream	2008/9/10
Meru	Meru Central	4FA	Kiirune Water Association	B		2	2		82			14711		14711	Mariara River	2009/2/6
Meru	Meru Central	4FA	Kiringa Wendo Women Association	C		45	45		1,871			336699		336699	Kazita	2009/1/22
Meru	Meru Central	4FA	Kahita Munyi Self Help Group	B		8	8		323			58189		58189	Kathita Munyi Of Kathita River	2009/11/11

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (28/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Meru Central	4FA	Muchichia/Muthagene Water Association	B		2	2		70			12681		12681	Runji Rwa Ng'ombe	2008/11/4
Meru	Imenti North	4FA	Karumanthi Water Association	B		1	1		45			8181		8181	Karumanthi Stream	2008/8/4
Meru	Imenti	4FA	Muguna Kironya Water Association	C		13	13		525			94500		94500	Kironya Spring	2008/6/24
Meru	Meru	4FA	Nduruma Water Project	C		17	17		698			125685		125685	Kazita River	2008/11/13
Meru	Meru	4FA	Kionyo Water Association	B		2	2		72			13022		13022	Rwaire Stream	2008/11/18
Meru	Meru Central	4FA	Mboroko Water Association	B		2	2		72			13009		13009	Rwaire Stream Trib Of Mariara	2008/11/25
Meru	Meru Central	4FA	Kamunyaki Water Association	B		2	2		100			18000		18000	Kathita River	2008/9/15
Meru	Meru Central	4FA	Mwitethia Nyweri Mbwinjeru Water Association	C		13	13		536			96545		96545	Mariara	2008/6/5
Meru	Meru Central	4FA	Kienderu Water Project	C		14	14		591			106362		106362	Ngaciuma River	2008/11/17
Meru	Meru Central	4FA	Geofrey Makathimo	B		3	3		112			20106		20106	Karurumo Stream	2009/11/18
Meru	Meru Central	4FA	Kanonguru Water Project	B		8	8		315			56725		56725	Mariara	2010/6/30
Meru	Meru Central	4FA	Katheri/Nthimbiri	C		15	15		614			110565		110565	Kathita Munyi River	2008/11/13
Meru	Imenti	4FA	Gachua Water Association	C		55	55		2,272			408924		408924	Kazita	2009/2/19
Meru	Meru	4FA	Ciomiruguku Water Association	B		3	3		131			23596		23596	Karijii Of Kathita	2009/1/21
Meru	Imenti	4FA	M'njara Water Project	B		2	2		81			14562		14562	Kinyaritha River	2010/1/11
Meru	Meru	4FA	Kithigachiu Water Association	B		4	4		167			29986		29986	Rwaire Of Kathita	1990/4/19
Meru	Meru	4FA	Haraka Water Project	B		2	2		91			16362		16362	Kinyaritha River	2008/11/11
Meru	Meru	4FA	Kang'ang'ine Water Project	B		9	9		364			65455		65455	Thingithu River	2009/2/16
Meru	Meru Central	4FA	Gakurine Rwanguene Water Association	B		1	1		21			3762		3762	Kagwankunguru	2008/3/18
Meru	Meru Central	4FA	Fikiria Water Project	B		1	1		56			10125		10125	Karumo Stream	2006/10/30
Meru	Tigania	4FA	kkarimi Women Group Water Project	B		4	4		180			32400		32400	Liutu River	2008/8/6
Meru	Meru Central	4FA	Kirundune Mwichuiri Water Association	C		16	16		676			121752		121752	Kirimba Stream	2007/9/13
Meru	Meru	4FA	Miomboine Ndiine Water Association	B		2	2		72			12960		12960	Kinyaritha	2008/10/31
Meru	Meru Central	4FA	Muguna Kaugambiti Water Project	B		3	3		127			22909		22909	Thingithu River	2010/3/18
Meru	Meru Central	4FA	Kaminyuru Water Project	B		2	2		91			16364		16364	Ngaciuma River	2008/11/11
Meru	Meru Central	4FA	Kamanyinga Rwanyage Water Project	B		6	6		227			40909		40909	Ngaciuma River	2010/6/29
Meru	Meru North	4FA	Igarii Antuambugi Water Project	C		20	20		810			145800		145800	Thanatu River	2007/5/18
Meru	Imenti South	4FA	Kiramba Water Project	B		1	1		55			9810		9810	Thingithu River	2008/6/4
Meru	Meru North	4FA	Kithiiri Water Project	B		5	5		225			40500		40500	Thanatu River	2009/1/21
Meru	Meru Central	4FA	kamwiga Kaurone Water Project	B		4	4		182			32728		32728	Thingithu River	2008/7/23
Meru	Meru Central	4FA	Mutethia Water Project	B		7	7		272			49014		49014	Mariara River	2008/6/25
Meru	Imenti North	4FA	Kiburine Mutethia Water Project	B		3	3		144			25920		25920	Kuuru Trib Of Kazita	1974/6/5
Meru	Meru Central	4FA	Millenium Irrigation Water Project	B		17	17		702			126360		126360	Mariara River	2009/6/10
Meru	Meru	4FA	Kanonguru Water Project	B		6	6		228			40999		40999	Marirara Trib Kathita	
Meru	Meru Central	4FA	Mukune Water Project	B		6	6		255			45819		45819	Mariara River	
Meru	Imenti South	4FA	Mutunguru Water Project	B		1	1		27			4914		4914	Thingithu River	
Meru	Imenti North	4FA	Karuga Youth Water Project	B		2	2		63			11340		11340	Kinyaritha River	
Meru	Meru Central	4FA	Karimonga Water Project	B		6	6		266			47862		47862	Rwaire Trib Of Mariara	
Meru	Meru Central	4FA	Kiroone Mpuuga Water Project	B		1	1		45			8100		8100	Thambathi Of Kiiji River	
Meru	Meru Central	4FA	Mutego-Kunungu Youth Water Project	B		8	8		320			57510		57510	Mariara River	
Meru	Imenti South	4FA	Mitunguu Irrigation Scheme , MOA	D		862	862		35,497			6389539		6389539	Thingithu River	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (29/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Meru	Imenti North	4FA	Kioru Mwichwiri Water Project	B		9	9		380			68346		68346	Kanyuango Of Kathita	
Meru	Meru Central	4FA	Kathangira Water Association	C		10	10		423			76066		76066	Luguso Of Kathita	
Meru	Meru North	4FB	Ntingirai Water Project	B		4	4		162			29160		29160	Ura River	2009/5/7
Meru	Meru North	4FB	Igembe Seconday School	B		0	0		20			3683		3683	Mboone River	2010/6/30
Meru	Meru North	4FB	Muchuune Women Group Water Project	B		2	2		90			16200		16200	Thanga Stream Thangatha	2007/2/12
Meru	Meru North	4FB	Kitheo Irrigation Phase II Water Project	B		5	5		205			36855		36855	Kitheo Springs Trib Of Rujiwero	2010/1/5
Meru	Meru North	4FB	Kiamuuti Water Project	D		3	3		135			24300		24300	Thangatha River	2007/6/7
Meru	Meru North	4FC	Ura Phase II Kiguma Water Project	B		7	7		270			48600		48600	Ura River	2008/1/30
Meru	Meru North	4FC	Ura Mukurimba Water Project	C		17	17		711			127980		127980	Ura River	2008/7/17
Meru	Igembe	4FC	Kabuitu Self Help Group Water Project	B		7	7		308			55368		55368	Kau Rujiwero River	2008/9/16
Meru	Meru North	4FC	Kiome Water Project	B		3	3		108			19440		19440	Mboone River	2008/11/25
Meru	Igembe	4FC	Antuanthama Water Project	B		2	2		99			17820		17820	Mboone River	2008/8/4
Meru	Meru North	4FC	Ikuu Miteuthia Water Project	C		33	33		1,350			243000		243000	Ura	2008/4/16
Meru	Meru North	4FC	Nthambiro Kanyakine Kalimimikuu Water Project	B		7	7		300			54000		54000	Kathima	2008/9/16
Meru	Igembe	4FC	Maano Water Project	C		13	13		540			97200		97200	Rujiwero River	2008/8/4
Meru	Igembe	4FC	Kanjoo Self Help Water Project	B		8	8		315			56700		56700	Kanjoo Kanini Of Rujiwero River	2008/8/1
Meru	Meru North	4FC	Kaongone Water Project	B		2	2		90			16200		16200	Ikuu Stream Trib Of Ura River	2008/6/7
Meru	Meru Central	4FC	Gitumi Water Association	B		2	2		90			16200		16200	Muraa Stream Trib Of Ura River	2008/8/4
MERU	Meru North	4FC	Kakungu Water Project	C		11	11		450			81000		81000	Mutuntu River	2010/1/11
Meru	Meru North	4FC	Kiala Water Project	B		10	10		415			74700		74700	Rujiwero River	2009/12/7
Meru	Meru North	4FC	Makutano- Nkanga Self Help Water Project	C		29	29		1,199			215856		215856	Mutundu Stream	2008/3/18
Meru	Meru North	4FC	Gakwego Antubochiu Water Project	C		33	33		1,350			243000		243000	Kanjoo River Trib Of Rujiwero	2009/5/19
Meru	Meru North	4FC	Kitheo Water Project	C		43	43		1,764			317520		317520	Rujiwero River	2010/1/13
Meru	Igembe	4FC	Ruujii Rwiro Water Project	C		13	13		540			97200		97200	Rojewero River	2008/6/25
MERU	Igembe	4FC	Canaan Irrigation Water Project	B		9	9		389			69984		69984	Kathithi River	2009/2/6
Meru	Igembe	4FC	Rwaene Water Project	B		11	11		455			81817		81817	Mboone River	
Meru	Igembe	4FC	Gachiuu Nthambiro Water Project	C		13	13		540			97200		97200	Kanjoo River	
Meru	Igembe	4FC	Kaicii Water Project	B		8	8		343			61704		61704	Rujiwero River	
Meru	Tigania East	4FC	Majira Kalinkui Water Project	B		9	9		378			68040		68040	Ura River	
Meru	Igembe South	4FC	Ura Kiamaru Water Project	B		7	7		302			54432		54432	Ura River Trib Of Tana	
Meru	Igembe South	4FC	Akui Water Project	D		145	145		5,953			1071533		1071533	Ura River	
Meru	Igembe	4GA	Nthambiro Kanyakine Kalimimikuu Water Project	B		10	10		400			72000		72000	Matiandui Stream Of Rujiwero	2009/4/29
Muranga	Maragua	4B	Plan Farn Co. Ltd.	C		7	7		270			48654		48654	Mukuru Springs	2001/1/15
Muranga	Maragua	4B	Kwamwanya Self Help Water Project	B		2	2		68			12150		12150	Maragua River	2006/1/17
Murang'a	Murang'a	4B	Kamau Kariu Dam	C		8	8		350			63000		63000	Kariu	1993/4/13
Murang'a	Murang'a	4B	Dr. Ephantus Njuguna Gakuo	B		2	2		73			13091		13091	Sagana	1979/3/28
Murang'a	Maragua	4B	Punda-Milia Farmers Co-operative Society	D		25	25		1,045			188100		188100	Sabasaba	1980/7/30
Murang'a	Murang'a	4B	Igi Holdings Limited	C		51	51		2,090			376202		376202	Trib Of Kiboko	1979/8/29
Murang'a	Murang'a	4B	James Mburu Mwangi	B		1	1		36			6480		6480	Makindia	
Murang'a	Murang'a	4B	Pema Holdings (Kwega Estate	C		44	44		1,817			327132		327132	Kwega Trib	
Murang'a	Murang'a	4BA	Kangima Coffee Growers C.S. Limited	B		0	0		18			3272		3272	Gachirago River	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (30/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Murang'a	Murang'a	4BB	Plan Farm Investment Company Limited	C		7	7		273			49086		49086	Kabuku River	
Murang'a	Maragua	4BC	James Mbera Macharia	B		2	2		100			18000		18000	Mutoho	2006/8/29
Murang'a	Murang'a	4BC	Beatrice Wanjiru Mbugua	B		0	0		9			1636		1636	Mutoho	2006/12/8
Murang'a	Murang'a North	4BC	Thungu Muchori	B		2	2		64			11455		11455	Thambiri	1967/11/14
Murang'a	Maragua	4BC	Kandarati Manyatta Water Project	D		20	20		819			147420		147420	Sabasaba River	
Murang'a	Murang'a East	4BC	Thathawa Irrigation Water Project	C		1	1		43			7731		7731	Sagana River	
Murang'a	Murang'a	4BD	Margaret Wambui Kariuki	C		6	6		227			40909		40909	Ruarai River Trib Of Mugono	2009/11/11
Murang'a	Murang'a	4BD	Samuel Mwangi Karogo	B		1	1		45			8177		8177	Thuruthuru	1992/6/12
Murang'a	Murang'a	4BD	Karuma Water Project	B		4	4		182			32726		32726	Karuma Of Ndurumo	2003/12/10
Murang'a	Murang'a	4BD	Mwangi Ayub Kariuki	B		4	4		164			29459		29459	Mathioya	1979/8/28
Murang'a	Murang'a South	4BD	Asa Karanja Solomon	B		4	4		164			29442		29442	Karurumo	1981/7/22
Murang'a	Murang'a	4BD	Francis Kienji Ndirangu	B		4	4		155			27810		27810	Mathioya	1993/3/16
Murang'a	Murang'a North	4BD	Iyego Coffee Growers Society Limited	B		2	2		91			16344		16344	Boyo	1962/12/12
Murang'a	Murang'a	4BD	Githiga Coffee Factory	C		4	4		182			32687		32687	Kanungu	1966/10/17
Murang'a	Murang'a North	4BD	Gitau Kamau	B		1	1		55			9819		9819	Mathioya River	2010/2/2
Murang'a	Murang'a	4BD	Gichini Water Project	B		1	1		50			9000		9000	Gathanji Stream	2002/3/1
Murang'a	Murang'a	4BD	A.K. Solomon Njuguna	C		4	4		164			29448		29448	Karurumo	1995/7/9
Murang'a	Murang'a	4BD	Jamleck Maina Kagira	B		2	2		91			16362		16362	Kabuku	1991/10/2
Murang'a	Murang'a	4BD	Zephaniah Gichoru Ndung'u	B		2	2		91			16364		16364	Kagondo	1985/9/23
Murang'a	Murang'a	4BD	Gabriel Wamburu Kuria	B		1	1		59			10631		10631	Mathioya	1981/5/26
Murang'a	Murang'a	4BD	Johnson R.N. Kariuki	B		1	1		56			10134		10134	Boyo	1976/8/19
Murang'a	Murang'a	4BD	Mwangi Ayub Kariuki	B		9	9		390			70236		70236	Tana	1981/3/18
Murang'a	Murang'a	4BD	James Mwangi Karani	B		4	4		145			26150		26150	Gakuyu River	1978/10/11
Murang'a	Murang'a North	4BD	Kagima Coffee Growers Co-op.	B		1	1		27			4909		4909	Kahuria	2007/7/24
Murang'a	Murang'a North	4BD	Simon Ngure Waweru	C		5	5		209			37636		37636	Karichiungu	1986/1/28
Murang'a	Murang'a	4BD	Tatu Horticultural & Zero Grazing	C		9	9		388			69759		69759	Gondno River	2009/5/8
Murang'a	Murang'a North	4BD	Gikindu Kandabibi Irrigation Water Project	C		18	18		747			134532		134532	Thuruthuru Trib Of Mathioya	2009/6/16
Murang'a	Murang'a	4BD	Simon Waiya	C		60	60		2,455			441810		441810	Mathioya River	
Murang'a	Murang'a	4BD	Jonathan Mukuha	C		30	30		1,223			220061		220061	Mukunga River	
Murang'a	Murang'a	4BD	Alex Solomon Njuguna	C		1	1		45			8154		8154	Gatabua TribOf Irati River	
Murang'a	Murang'a	4BD	Ben Mbuchi S. Mbatia	B		2	2		80			14310		14310	Mathioya River	
Murang'a	Murang'a	4BE	George Stephen Muritu	B		1	1		56			10125		10125	Maragua River	2009/11/17
Murang'a	Murang'a	4BE	Gakaki Small Scale Irrigation Scheme	C		53	53		2,182			392724		392724	Muriuriu	2009/11/18
Murang'a	Murang'a	4BE	David Waweru Mwangi	B		1	1		34			6075		6075	Gathamba	1994/2/28
Murang'a	Murang'a	4BE	Francis Mwangi Muturi	B		1	1		50			9000		9000	Ruchu	1992/1/10
Murang'a	Murang'a	4BE	Joseph Kangata Githuku	C		1	1		23			4091		4091	Kayahwe	1990/6/26
Murang'a	Maragua	4BE	Asa Karanja Solomon	C		26	26		1,090			196279		196279	Maragua	1981/8/7
Murang'a	Murang'a	4BE	Isaac Mwangi Wainiana	B		3	3		136			24545		24545	Sagana	1991/10/9
Murang'a	Murang'a North	4BE	Karanja Kago c/o Jimna Karanja	C		1	1		55			9818		9818	Kayahwe	1979/5/17
Murang'a	Murang'a North	4BE	Kahuhia Coffee Growers Co-operative	C		2	2		91			16362		16362	Gathamba	1963/2/15
Murang'a	Murang'a	4BE	Murang'a Farmers Co-operative Union Company	C		9	9		363			65426		65426	Githanji	1972/9/27

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (31/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Murang'a	Maragua	4BE	Murang'a Farmers Co-operative Union Company	C		13	13		545			98141		98141	Maragua River	2010/5/6
Murang'a	Maragua	4BE	Dakagi Holding	B		3	3		135			24300		24300	Mutoho River	2006/2/10
Murang'a	Maragua	4BE	Ititu-Ikundu Water Project	C		33	33		1,350			243000		243000	Maragua River	2006/2/10
Murang'a	Maragua	4BE	Ikumbi Multi-Purpose Water Project	C		5	5		225			40500		40500	Chathanda River	2006/4/20
Murang'a	Murang'a	4BE	Kahiuro Mirichu Water Project	B		4	4		155			27817		27817	Kaihungu River	2006/4/13
Murang'a	Maragua	4BE	Mr. J.B.K Mwaura	C		11	11		455			81828		81828	Matakari Stream Trib Sabasaba	2006/6/7
Murang'a	Maragua	4BE	Njiri's High School	B		0	0		13			2421		2421	Irati River	2006/11/16
Murang'a	Maragua	4BE	Kiamugwe Self Help Water Project	B		3	3		135			24300		24300	Kanyona Stream	2007/6/7
Murang'a	Murang'a	4BE	Kianambeu S.H Water Project	D		4	4		182			32724		32724	Kayahwe River	2004/3/16
Murang'a	Murang'a	4BE	Nturiri Secondary School	B		2	2		90			16200		16200	Kirurumwe River	2006/8/30
Murang'a	Murang'a	4BE	William Njoroge Mbote	C		22	22		900			162000		162000	Ithe Rui	1997/2/4
Murang'a	Murang'a	4BE	Mutangu Irrigation Self Help Group	D		29	29		1,182			212728		212728	Kaihungu	2006/9/8
Murang'a	Murang'a	4BE	Kanjau/Thuruthuru Water Project	C		2	2		82			14727		14727	Kanjau Stream	2006/8/31
Murang'a	Murang'a	4BE	Rev. Mutava Musyimi	D		13	13		546			98190		98190	Sabasaba	1996/4/9
Murang'a	Murang'a	4BE	James Ngugi Karanja	B		1	1		32			5724		5724	Kayahwe River	1993/2/23
Murang'a	Murang'a	4BE	Kibuthia Girls Secondary School	B		0	0		18			3272		3272	Gaturu	2001/6/22
Muranga	Murang'a	4BE	Asa Karanja Solomon	C		7	7		273			49070		49070	Maragua	1995/4/20
Murang'a	Murang'a	4BE	Erastus Njoroge Gathungu	B		0	0		18			3276		3276	Githanja	1992/10/5
Murang'a	Murang'a North	4BE	Arthur Waweru Mariithia	B		1	1		37			6588		6588	Gathamba	2007/9/6
Murang'a	Murang'a	4BE	Bernard Kariuki Ngotho	B		1	1		27			4907		4907	Gatue	1990/7/11
Murang'a	Murang'a	4BE	Njoroge Kuria	B		1	1		50			8995		8995	Muriuriu River	1995/10/31
Murang'a	Murang'a	4BE	Jonson Mbogo Ngotho	B		1	1		55			9818		9818	Sabasaba River	1986/5/20
Murang'a	Murang'a	4BE	Kamau Kabugi	C		19	19		763			137394		137394	Tana River	1985/9/12
Murang'a	Murang'a	4BE	Jordan Ngugi Njuguna	B		4	4		182			32688		32688	Githanja	1985/3/9
Murang'a	Murang'a	4BE	Gathaithi Harambee Water Association	B		6	6		236			42493		42493	Muriuriu	1978/2/22
Murang'a	Murang'a	4BE	Venanzio Kameri Gakahu	B		2	2		91			16344		16344	Maragua	1977/10/19
Murang'a	Murang'a	4BE	Eliud Munyeki Muchoki	C		6	6		227			40903		40903	Maragua	1978/10/11
Murang'a	Murang'a	4BE	Githambo Tea Factory Company Limited	B		1	1		45			8172		8172	Maragua	1978/10/10
Murang'a	Murang'a	4BE	Duncan Gichohi	B		1	1		45			8172		8172	Maragua	1984/9/25
Murang'a	Murang'a	4BE	Reuben Ngugi	B		1	1		36			6543		6543	Kayahwe	1980/7/2
Murang'a	Murang'a	4BE	Kabatha Gitau c/o E.W. Mwangi	B		2	2		91			16357		16357	Maragua	1978/11/22
Murang'a	Murang'a	4BE	Laban Njoroge Kamau	B		2	2		91			16362		16362	Maragua	1978/12/20
Murang'a	Murang'a	4BE	Claude Murai Kariuki	B		2	2		73			13091		13091	Muriuriu	1984/9/18
Murang'a	Murang'a	4BE	Kimani Wainaina	B		2	2		73			13085		13085	Kamiguta Stream	1981/1/28
Murang'a	Murang'a	4BE	Samar Limited	B		2	2		100			18000		18000	Itheuri	1978/11/20
Murang'a	Murang'a	4BE	Gichuhi Macharia	B		2	2		73			13085		13085	Maragua	1985/5/28
Murang'a	Murang'a North	4BE	George Joakim Gitau Mwathi	B		1	1		59			10636		10636	Maragua	1989/3/15
Murang'a	Murang'a	4BE	Geofrey Ng'ang'a Kebato	B		2	2		68			12274		12274	Igiyo Spring	1969/10/8
Murang'a	Murang'a	4BE	Gitau Kinuthia	B		1	1		55			9814		9814	Karurumo Stream	1981/11/5
Murang'a	Murang'a	4BE	Embu Agricultural research Station	D		20	20		806			145040		145040	Ragati	1984/11/15
Murang'a	Murang'a North	4BE	Walter Mwangi Wambugu	C		5	5		191			34362		34362	Irati River	1973/11/1

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (32/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Murang'a	Murang'a South	4BE	Kiangoma Coffee Growers Limited	C		2	2		91			16346		16346	Itaga	1985/10/8
Murang'a	Murang'a South	4BE	Gaichanjiru Estate Limited	C		1	1		23			4088		4088	Kiboko	2007/7/12
Murang'a	Maragua	4BE	Hudson Mbugua Kamau	B		3	3		118			21264		21264	Maragua	2000/3/16
Muranga	Murang'a South	4BE	Micheal Mwangi Wandia	B		4	4		172			31032		31032	Maragua	2009/2/23
Murang'a	Murang'a	4BE	Mbugua Gitau	B		2	2		68			12272		12272	Maragua	
Murang'a	Murang'a	4BE	Kamau Macharia	C		0	0		18			3272		3272	Gaichaguceri Stream	
Murang'a	Murang'a	4BE	Ndungu Gataka	B		1	1		55			9814		9814	Maragua	
Murang'a	Murang'a	4BE	Anne wanjiri & Patrick Mwaura	B		2	2		73			13091		13091	Maragua River	
Muranga	Murang'a	4BE	Kari-ini Water Project	C		5	5		185			33372		33372	Kangunu River	
Murang'a	Murang'a South	4BE	Iharu Community Irrigation Water Project	C		29	29		1,209			217620		217620	Kanyiriri Trib Of Maragua	
Muranga	Maragua	4BF	Deka Plantations	C		7	7		300			54000		54000	Sabasaba River	2009/1/27
Murang'a	Maragua	4BF	Richard Gatheca Njoba	B		2	2		90			16200		16200	Wairuri Spring Trib Of Sabasaba	2006/11/8
Murang'a	Maragua	4BF	Julius Ndirangu Muchai	B		1	1		27			4860		4860	Kanyona Trib Of Irati	2006/11/29
Murang'a	Murang'a	4BF	Stanley Charles Muchiri	B		3	3		127			22896		22896	Sabasaba	1992/3/10
Murang'a	Murang'a	4BF	Francis Kamau Mwaniki	B		1	1		55			9817		9817	Sabasaba	1985/5/21
Murang'a	Murang'a South	4BF	Athara Farmers Co-operative Society Limited	D		33	33		1,363			245349		245349	Athara	1962/7/30
Murang'a	Murang'a South	4BF	Mugumoini Farmers - Magumoni Estate	B		1	1		45			8182		8182	Maji Kiboko	1971/5/26
Murang'a	Murang'a South	4BF	Kiyo Nama c/o Gitachu	C		5	5		204			36751		36751	Ndera	1966/9/20
Murang'a	Maragua	4BF	Kakuzi Limited	C		12	12		499			89820		89820	Athaara Swamp	2010/6/30
Murang'a	Maragua	4BF	Kakuzi Limited	C		7	7		273			49068		49068	Un-named	2006/11/7
Murang'a	Maragua	4BF	Kakuzi Limited	D		47	47		1,920			345600		345600	Dry Water Course	2006/11/17
Murang'a	Maragua	4BF	Karathe- Thaara Irrigation Project	D		17	17		696			125280		125280	Thaara River	2009/11/24
Murang'a	Maragua	4BF	Jenem Coffee Ltd.	D		22	22		900			162000		162000	Mutoho River	2006/4/18
Murang'a	Maragua	4BF	Moses Thiga Gitachu	B		2	2		87			15660		15660	Sabasaba	2006/5/30
Murang'a	Murang'a	4BF	Elizazbeth Wanjiku Ngumba	B		1	1		26			4752		4752	Kambiti Stream Trib Of Sabasaba	2006/6/8
Murang'a	Maragua	4BF	Kamahuha Girls High School	C		1	1		54			9720		9720	Sabasaba River	2006/8/4
Murang'a	Murang'a	4BF	Isaac G. Munyiri	B		3	3		114			20448		20448	Sabasaba	2006/9/1
Murang'a	Maragua	4BF	Samuel Mbugua Kibathi	C		8	8		309			55638		55638	Ithanji Stream	2002/4/18
Murang'a	Murang'a	4BF	Martin Wanjohi	B		3	3		136			24545		24545	Itherui River	2006/9/5
Murang'a	Murang'a	4BF	Vincent Kinuthia S. Mwangi	C		7	7		273			49072		49072	Itherui River	1996/12/30
Murang'a	Murang'a	4BF	Zablon Kariuki Mwangi	B		2	2		73			13085		13085	Mataka	1991/10/3
Murang'a	Murang'a	4BF	M.T. Gitachu & Partners	D		44	44		1,816			326873		326873	Sabasaba	1978/1/11
Murang'a	Murang'a	4BF	Danson Kirera	C		9	9		363			65376		65376	Sabasaba	1981/7/29
Murang'a	Murang'a	4BF	Mwangi Nduati	B		3	3		127			22899		22899	Sabasaba	1983/8/30
Murang'a	Murang'a South	4BF	Njoroge Gichere	B		1	1		27			4907		4907	Sabasaba	1984/10/7
Murang'a	Murang'a	4BF	Gatoka Limited	C		8	8		318			57272		57272	Kitimuru River	1987/9/8
Murang'a	Murang'a	4BF	Patrick Muceru Clement	B		1	1		55			9818		9818	Sabasaba	1983/8/4
Murang'a	Murang'a	4BF	Isaac Mwangi Wainiana	B		1	1		55			9818		9818	Sabasaba	1976/6/16
Murang'a	Murang'a North	4BF	Njihia Macharia	C		11	11		455			81817		81817	Thara	1962/8/24
Murang'a	Maragua	4BF	Ruchu Girls Secondary School	C		1	1		36			6480		6480	Ruchu River	2010/1/18
Murang'a	Murang'a South	4BF	Kamuiru Water Project	D		44	44		1,800			324000		324000	Sabasaba River	2008/4/9

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (33/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Murang'a	Maragua	4BF	Eustace W. Mbuthia	B		1	1		27			4860		4860	Sabasaba River	
Murang'a	Murang'a	4BF	Kagwathi Rumwe Enterprises	D		22	22		918			165204		165204	Ndabatabi Stream	
Murang'a	Maragua	4BF	Njiri's High School	C		0	0		18			3240		3240	Chathanda	
Murang'a	Maragua	4BF	Danson Kanyingi Mbiruri	B		2	2		64			11450		11450	Sabasaba	
Murang'a	Maragua	4BG	Kakuzi Limited	C		15	15		600			108000		108000	Thaara River	2006/10/30
Murang'a	Murang'a	4BG	Micheal Nicholas Michalakis	D		6	6		227			40867		40867	Maji Mazuri	1962/7/30
Murang'a	Murang'a	4BG	Knox Estates Limited	C		2	2		103			18507		18507	Maji Kiboko	1976/5/5
Muranga	Maragua	4BG	Kakuzi Limited	B		1	1		27			4909		4909	Muli	2006/11/7
Murang'a	Murang'a	4BG	John Kagiri Mwati	B		1	1		36			6538		6538	Sagana	1981/1/16
Murang'a	Murang'a	4BG	Marema Farmers Co-operative Society Limited	C		24	24		1,000			179923		179923	Muri Stream	1980/1/18
Murang'a	Murang'a	4BG	Gaichanjiru Estate Limited	C		17	17		682			122674		122674	Mwega	
Murang'a	Maragua	4C	Kandara Investment Limited	B		1	1		21			3758		3758	Makara	2003/12/19
Murang'a	Maragua	4C	Kianguni Irrigation Water Project	B		4	4		180			32400		32400	Ruchu	2007/2/20
Murang'a	Murang'a	4CA	Chania Enterprises Limited	D		110	110		4,545			818181		818181	Chania	1993/4/15
Murang'a	Gatanga	4CA	Kegio Group Company Ltd.	C		22	22		910			163800		163800	Chania River	2009/10/7
Murang'a	Murang'a	4CA	Samuel M. Githu	C		8	8		309			55612		55612	Tambaya Stream	1981/2/25
Murang'a	Murang'a North	4CA	Njoroge Mwaniki	C		3	3		127			22896		22896	Kimakia	1980/8/6
Murang'a	Murang'a	4CA	Charagu Kiarii	B		2	2		91			16357		16357	Samuru	1981/1/16
Murang'a	Maragua	4CA	Zakayo N'gang'a	B		1	1		27			4909		4909	Kimakia	1984/10/25
Murang'a	Maragua	4CA	DR. E. Nyanjui- Eureka Holdings Limited	C		18	18		755			135819		135819	Gathambara River	1983/1/25
Murang'a	Murang'a North	4CA	Meka Plantation Limited -Swaniki Estate	C		6	6		227			40909		40909	Kubuku	1972/8/16
Murang'a	Murang'a	4CA	Kegio Estate (Nareca Ltd.)	C		35	35		1,455			261818		261818	Kitimuru	1978/7/20
Murang'a	Murang'a	4CA	Chania Enterprises Limited	C		46	46		1,899			341852		341852	Githambara Of Chania	
Murang'a	Maragua	4CB	Gatundu Unity Self Help Group	C		44	44		1,800			324000		324000	Karichiungu Trib Of Thika	2008/7/30
Murang'a	Murang'a	4CB	Delmonte (K) Limited	D		193	193		7,948			1430712		1430712	Makindi River	2008/3/12
Murang'a	Murang'a	4CB	Delmonte (K) Limited	D		107	107		4,406			793080		793080	Nginyi River	2008/3/12
Murang'a	Murang'a	4CB	Thoing'o Kimui Joseph	C		0	0		20			3681		3681	Thithi	1978/12/21
Murang'a	Murang'a	4CB	Mahoti Plantations Limited	C		17	17		719			129424		129424	Thika	1975/5/14
Murang'a	Murang'a	4CB	Jotham Charles Kamau	B		3	3		109			19620		19620	Gachi	1990/4/13
Muranga	Maragua	4CB	AAA Growers- Ltd.	C		24	24		1,000			180000		180000	Nginyi River (Pump I)	2010/2/4
Murang'a	Maragua	4CB	AAA Growers - Ltd.	C		21	21		875			157500		157500	Nginyi River (PumpII)	2010/2/4
Murang'a	Maragua	4CB	Boboti Kiamande Irrigation Water Project	C		22	22		900			162000		162000	Boboti River	2006/3/1
Murang'a	Maragua	4CB	Gitwe Water Project	B		5	5		225			40500		40500	Githika River	2006/2/10
Murang'a	Maragua	4CB	Francis K. Macahria	B		2	2		90			16200		16200	Thugi	2006/8/31
Murang'a	Maragua	4CB	Jenard Dev. Limited	B		10	10		427			76909		76909	Thika	1999/7/21
Murang'a	Maragua	4CB	Enkasiti Flower Growers Limited	B		10	10		417			75109		75109	Gitamuru	2006/9/5
Murang'a	Murang'a	4CB	Protein & Fruits Processors	C		12	12		500			90000		90000	Kitimuru	1992/10/2
Murang'a	Murang'a	4CB	Wilfred Kigo Njiri	B		1	1		30			5400		5400	Thika	2004/10/7
Murang'a	Murang'a	4CB	Mutugi Chege	B		0	0		18			3272		3272	Kabuku	1993/5/4
Murang'a	Murang'a	4CB	Mwana Wikio Farmers Limited	C		44	44		1,816			326873		326873	Thika River	1981/1/7
Murang'a	Murang'a	4CB	Ephantus Ngonde Njau	B		4	4		145			26154		26154	Gitamuru	1978/12/21

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (34/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Murang'a	Murang'a	4CB	Benson Kimani Maina	B		1	1		54			9806		9806	Kabuku	1980/3/5
Murang'a	Murang'a	4CB	Moses T. Gitachu	B		3	3		135			24300		24300	Kiama	2007/6/18
Murang'a	Maragua	4CB	Gatoka Limited	C		22	22		909			163636		163636	Kiama	1987/12/11
Murang'a	Murang'a South	4CB	Dr. Joshua Gitachu Mwaura	B		3	3		136			24545		24545	Thithi	1973/3/27
Murang'a	Murang'a South	4CB	Thugi estate Limited	C		29	29		1,182			212753		212753	Makapa Stream	1974/7/17
Murang'a	Murang'a South	4CB	Marion Wambui Maina	B		2	2		91			16364		16364	Thugi	2007/7/13
Murang'a	Maragua	4CB	Makindi/Ndurumo Water Project	D		22	22		900			162000		162000	Makindi River	2009/11/24
Murang'a	Maragua	4CB	Njora Coffee Growers	B		1	1		23			4086		4086	Sabasaba River	
Murang'a	Murang'a	4CB	Mongolia Limited	C		31	31		1,260			226800		226800	Makindi River	
Murang'a	Murang'a	4CB	New Blue Post Hotel	B		4	4		182			32688		32688	Thika	
Murang'a	Murang'a	4CB	David Njoroge Kagira	B		3	3		136			24480		24480	Thika	
Murang'a	Murang'a	4CB	Swani Coffee Limited	C		22	22		910			163782		163782	Kabuku	1987/7/27
Murang'a	Murang'a	4CB	Gacheru Kimende	B		3	3		109			19636		19636	Makindi	1993/9/23
Murang'a	Murang'a	4CB	James Kamau Gitau	B		3	3		109			19636		19636	Gachi	1978/8/11
Murang'a	Murang'a	4CB	Ministry Of Agriculture & Livestock	B		3	3		135			24300		24300	Thika River	1987/9/8
Murang'a	Murang'a South	4CC	Meka Plantation -Methi & Swani Farmers	C		33	33		1,364			245448		245448	Ngenya	1976/1/28
Murang'a	Murang'a North	4CC	Nelson Ndung'u Ng'ang'	C		0	0		18			3269		3269	Kabuku	1978/10/18
Murang'a	Murang'a North	4CC	Othaya Farmers Co-operative Society Limited	C		55	55		2,273			409090		409090	Makindi	1992/6/16
Murang'a	Murang'a	4CC	Pema Holdings (Kwega Estate)	C		17	17		700			125944		125944	Kwega Stream	1987/3/20
Murang'a	Murang'a	4CC	Bethuel Kinyanjui Wairiuko	C		18	18		726			130752		130752	Thika River	1979/4/18
Murang'a	Murang'a	4CC	Mr. J.B. Kibe & Mrs. Kibe	B		9	9		363			65358		65358	Thika River	1982/1/9
Murang'a	Murang'a	4CC	Kenya Commercial Bank Limited (Trustee Bank)	C		29	29		1,180			212467		212467	Thika River	1978/12/13
Murang'a	Murang'a	4CC	Methi & Swani Farmers Limited	C		22	22		908			163436		163436	Kabuku	1977/9/21
Murang'a	Maragua	4CC	HON. G.N. Mwicigi & C.N. Mwicigi	D		73	73		2,999			539782		539782	Thika River	1978/12/20
Murang'a	Murang'a	4CC	Stanley Muura	B		2	2		91			16362		16362	Kanyiri	1975/2/7
Murang'a	Murang'a	4CC	Kaaga Farmers Co-operative Society Limited	C		26	26		1,090			196279		196279	Kabuku	1980/10/10
Murang'a	Murang'a North	4CC	Anastasius H. Kamau	B		2	2		73			13092		13092	Iriani Stream	1974/11/12
Murang'a	Murang'a	4CC	Kamicha Kariuki John	B		1	1		50			9000		9000	Thugi River	1975/3/20
Murang'a	Murang'a	4CC	Bahati Estate (Harday Estate Limited)	C		15	15		633			113991		113991	Thika River	
Murang'a	Meru Central	4EB	Gikobore Water Association	B		5	5		189			34020		34020	Kathima Ka Mburugu	1991/10/3
Murang'a	Murang'a	4EB	Habel W. Gathithi	B		1	1		27			4909		4909	Kayahwe	1980/1/15
Murang'a	Murang'a	4F	Ngati Self Help Road Water Project	B		4	4		182			32727		32727	Ruarui	2006/8/30
Murang'a	Murang'a	4G	Jelemano Mwangi Gichohi	C		12	12		480			86400		86400	Tana River	2009/6/16
Nyandarua	Nyandarua	4CA	Upper Chania Farmers Water Project	C		9	9		363			65340		65340	Kiburu River	2010/6/30
Nyandarua	Nyandarua	4CA	Godfrey Rugunya Kiongo	B		2	2		72			12960		12960	Chania	2005/2/16
Nyeri	Nyeri	4A	Erastus Gitonga Nguyo	B		2	2		100			18000		18000	Chania	2007/9/15
Nyeri	Nyeri	4A	Kirima Water Project	B		1	1		32			5670		5670	Warazo River	2006/5/22
Nyeri	Nyeri	4A	Simon King'ori	B		2	2		73			13091		13091	Ithernguri Stream	1984/10/11
Nyeri	Nyeri	4A	The Ark Limited	B		2	2		68			12150		12150	Ruhutie	
Nyeri	Nyeri	4A	Nairobi Irrigation Water Project	C		16	16		648			116640		116640	Naitobi	
Nyeri	Nyeri	4AA	Mwitindia Water Project	B		1	1		27			4860		4860	Thego River	2008/9/24

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (35/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4AA	Paul Weru Thumbi	B		1	1		27			4909		4909	Sagana River	2009/11/17
Nyeri	Nyeri	4AA	Witeithie Water Project	B		1	1		32			5670		5670	Mere River Trib Of Thegu	2009/11/17
Nyeri	Nyeri	4AA	Wangi Irrigation Self Help Water Project	D		66	66		2,700			486000		486000	Sagana	2006/5/24
Nyeri	Nyeri	4AA	Urutaguo Mwiruti Water Association	B		1	1		54			9720		9720	Nairobi River	2008/7/30
Nyeri	Nyeri	4AA	Thiribgo-Ini Water Project	C		5	5		191			34380		34380	Karogoto River	2009/1/20
Nyeri	Nyeri	4AA	Karandi United Water Association	B		1	1		23			4050		4050	Githego Stream Trib Of Thego	2009/4/29
Nyeri	Nyeri	4AA	John Rennie & carrie Gordon	B		0	0		18			3240		3240	Nairobi River	2008/3/13
Nyeri	Nyeri	4AA	Simon Muriuki	B		1	1		36			6480		6480	Hombe River	2006/10/31
Nyeri	Nyeri	4AA	Ndathi Mbiriri Irrigation Water Project	C		12	12		500			90000		90000	Sagana River	2009/11/18
Nyeri	Nyeri	4AA	Gatuamba Karicheni Water Project	D		109	109		4,500			810000		810000	Nairobi River	2007/1/8
Nyeri	Nyeri	4AA	Kiyo Self Help Water Project	B		1	1		47			8505		8505	Sagana River	2008/4/16
Nyeri	Nyeri	4AA	Mikimwa Water Association	B		0	0		18			3240		3240	Sagana River	2010/1/14
Nyeri	Nyeri	4AA	Muthi Water Association	B		0	0		18			3240		3240	Sagana River	2008/1/30
Nyeri	Nyeri	4AA	Kirimanditi Water Project	B		1	1		27			4860		4860	Kimahuri River	2008/2/21
Nyeri	Nyeri	4AA	Lima Water Association	B		1	1		27			4860		4860	Kimahuri Stream	2005/1/14
Nyeri	Nyeri	4AA	E.K. Mwangi Mucheru	B		0	0		18			3240		3240	Sagana River	2005/7/21
Nyeri	Nyeri	4AA	Muthaiga 'A' S.H. Water Project	C		7	7		272			48960		48960	Sagana River	2002/4/12
Nyeri	Nyeri	4AA	Sagana/ Maganjo Water Project	C		11	11		443			79794		79794	Sagana	2009/4/24
Nyeri	Nyeri	4AA	Mitero Witeithie Water Project	C		3	3		108			19483		19483	Thego	2008/3/25
Nyeri	Nyeri	4AA	Karagu Wanjohi	B		1	1		27			4860		4860	Warazo Stream	2006/10/25
Nyeri	Nyeri	4AA	Gikanga Water Project	C		13	13		522			93960		93960	Sagana	2004/4/28
Nyeri	Nyeri	4AA	Francis Munyiri Ndirangu	B		1	1		27			4860		4860	Thego	1997/11/25
Nyeri	Nyeri	4AA	Ngukurani Self Help Group	B		1	1		32			5670		5670	Warazo River Trib Of Mere	2009/11/11
Nyeri	Nyeri	4AA	Muriithi Kariamatu	B		1	1		36			6480		6480	Mere	2007/9/13
Nyeri	Nyeri	4AA	Peter Ngure Ngare	B		1	1		45			8100		8100	Nairobi River	2009/5/7
Nyeri	Nyeri	4AA	Paul Mwangi G atungo	B		0	0		18			3240		3240	Kimahuri	1992/2/25
Nyeri	Nyeri	4AA	Karaba Njuguna & Ndiritu King'ori Association	B		2	2		91			16357		16357	Thego River	1994/1/25
Nyeri	Nyeri	4AA	Wazaro-Lusoi Jet Irrigation Project	D		194	194		8,000			1440000		1440000	Nairobi River	2010/5/6
Nyeri	Nyeri	4AA	Mwitwari Water Association	C		8	8		327			58860		58860	Waraza Stream	2009/11/18
Nyeri	Nyeri	4AA	Kisima Water Association	B		0	0		18			3240		3240	Warza River	2008/9/15
Nyeri	Nyeri	4AA	Chege Njuguna	B		0	0		18			3240		3240	Kandune	1990/11/8
Nyeri	Nyeri	4AA	Joseph Gichimu Wambugu	B		1	1		45			8100		8100	Nairobi	1991/11/20
Nyeri	Nyeri	4AA	Stephen Weru Warui	D		44	44		1,818			327326		327326	Nairobi	1986/8/14
Nyeri	Nyeri	4AA	John Mathenge Kiama	D		233	233		9,590			1726272		1726272	Nairobi	1993/3/16
Nyeri	Nyeri	4AA	Joram Kingangai Gachara	B		1	1		27			4907		4907	Ruiruiru	1999/10/5
Nyeri	Nyeri	4AA	Mbogo Mutera & Partners	B		1	1		27			4903		4903	Kandune Stream	1978/7/12
Nyeri	Nyeri	4AA	Kirinyaga Nyange Self Help Group Water Project	D		33	33		1,350			243000		243000	Nairobi River	2009/5/12
Nyeri	Nyeri	4AA	Musa Matu Riunga Partners	C		9	9		364			65454		65454	Nairobi	1994/1/17
Nyeri	Nyeri	4AA	Justus Gacheru Karobia	B		1	1		36			6545		6545	Rongai River	1990/8/8
Nyeri	Nyeri	4AA	Kiragu Wanjohi	B		1	1		27			4860		4860	Warazo	2008/4/17
Nyeri	Nyeri	4AA	Kuyu Mwatha	B		1	1		36			6541		6541	Warazo	2009/5/7

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (36/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4AA	wambugu Kibari	B		1	1		55			9814		9814	Warazo	1990/8/13
Nyeri	Nyeri	4AA	Mathenge Kiongo	B		1	1		36			6545		6545	Mere	1992/3/17
Nyeri	Nyeri North	4AA	Kairi Water Project	C		7	7		270			48600		48600	Little Thego Trib Of Thego River	2008/6/20
Nyeri	Nyeri	4AA	Island Farmers Co-operative Society	C		8	8		319			57356		57356	Little Sagana	1990/5/17
Nyeri	Nyeri	4AA	Pharis Gethi	B		2	2		79			14256		14256	Kandune Stream	2007/4/4
Nyeri	Nyeri	4AA	Moses Gichohi Munyiri	B		1	1		27			4860		4860	Kamuya Stream	1993/4/15
Nyeri	Nyeri	4AA	Gershon K Mwiti	B		2	2		64			11450		11450	Kaduni	1975/11/12
Nyeri	Nyeri	4AA	Gatagati Action Water Project	C		7	7		306			55080		55080	Thego	2009/11/7
Nyeri	Nyeri	4AA	Njamba Tikere Water Association	B		2	2		91			16362		16362	Mere Trib	2008/9/16
Nyeri	Nyeri	4AA	Muraba Water Project	B		1	1		36			6480		6480	Sagana River	2009/11/18
Nyeri	Nyeri North	4AA	Gatimu Kabingu	B		0	0		18			3271		3271	Kamuhuri Tributary of Thego	2009/2/9
Nyeri	Nyeri	4AA	Charles Mwangi	C		3	3		136			24534		24534	Nairobi River	2009/2/9
Nyeri	Nyeri	4AA	Geoffrey Kanu Kinyua	C		4	4		182			32713		32713	Nairobi River	2010/5/6
Nyeri	Nyeri	4AA	Waraza Water Project (Sherati 'A')	B		2	2		90			16200		16200	Mere Trib Of Thego	1974/7/3
Nyeri	Nyeri	4AA	Waraza Water Project (Sherati 'B')	B		2	2		90			16200		16200	Mere Trib Of Thego	1967/5/24
Nyeri	Nyeri	4AA	Gathagana Water Project	C		11	11		450			81000		81000	Sagana Stream	2006/2/1
Nyeri	Nyeri	4AA	Higa Water Project	C		3	3		125			22500		22500	Muthera Stream	2005/11/23
Nyeri	Nyeri	4AA	Karie Water Project	B		3	3		108			19440		19440	Sagana River	2008/2/5
Nyeri	Nyeri North	4AA	Ruturu Irrigation Water Project	C		12	12		509			91620		91620	Gathera Stream Trib Of Muthera	2010/12/15
Nyeri	Nyeri	4AA	Githegu Self Help Water Project	C		18	18		727			130860		130860	Githego Stream	2006/8/2
Nyeri	Nyeri	4AA	Joseph Theuri Mutahi	B		1	1		55			9818		9818	Sagana River	2006/6/20
Nyeri	Nyeri	4AA	Benson Kiragu	B		1	1		45			8100		8100	Nairobi River	2006/4/18
Nyeri	Nyeri	4AA	Mwiteithia Water Project	B		1	1		45			8100		8100	Warazo Stream	2006/5/22
Nyeri	Nyeri	4AA	Charles Kariuki Maina	B		1	1		41			7371		7371	Sagana	2006/5/24
Nyeri	Nyeri	4AA	Kiawaituru Minor Irrigation Water Project	D		18	18		737			132660		132660	Ruiruiru River	2006/6/9
Nyeri	Nyeri	4AA	MakiganaWater Project	B		2	2		77			13770		13770	Ruiruiru River	2005/8/24
Nyeri	Nyeri	4AA	Warazo Lusoi Jet Irrigation Water Project	C		9	9		364			65453		65453	Waraza Stream	2006/7/18
Nyeri	Nyeri	4AA	Kamburani Water Furrow Project	D		170	170		7,020			1263600		1263600	Nairobi River	2007/3/12
Nyeri	Nyeri	4AA	Sagana Maganjo Water Project	C		11	11		455			81817		81817	Dry Water Course Trib Of Sagana	2007/2/26
Nyeri	Nyeri	4AA	Heshima-Mathako Water Project	C		6	6		234			42192		42192	Gatakaini Stream	2004/10/26
Nyeri	Nyeri	4AA	Mwakamaki Water Project	B		0	0		18			3272		3272	Sagana River	2010/1/5
Nyeri	Nyeri	4AA	Water Project	B		0	0		18			3276		3276	Gakurua Stream	2008/1/17
Nyeri	Nyeri	4AA	MakiganaWater Project	B		2	2		77			13770		13770	Ruiruiru River	2005/8/24
Nyeri	Nyeri	4AA	Miga Water Association	C		4	4		164			29453		29453	Thego	2010/1/18
Nyeri	Nyeri	4AA	Sagana Scheme Water Project	D		231	231		9,504			1710720		1710720	Sagana	2007/8/7
Nyeri	Nyeri	4AA	Gakandu Water Association	B		0	0		18			3240		3240	Sagana River	2009/11/24
Nyeri	Nyeri	4AA	Kiahia/Karurumo Water Project	C		6	6		259			46620		46620	Sagana River	2009/11/24
Nyeri	Nyeri	4AA	Karurumo Water Project	B		2	2		91			16344		16344	Little Sagana	2005/5/18
Nyeri	Nyeri	4AA	Upper Gichoru Water Project	B		1	1		28			5112		5112	Kamuya Stream	2007/3/15
NYERI	Nyeri	4AA	Hika Irrigation Water Project	B		6	6		267			48060		48060	Muthira River	2010/1/18
Nyeri	Nyeri	4AA	Kagati Kanini Water Project	B		1	1		54			9720		9720	Kamuya Stream	2006/8/29

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (37/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4AA	Wilson Kinyua Wanderi	B		0	0		18			3240		3240	Warazo	2006/11/1
Nyeri	Nyeri	4AA	Kiawaituru Minor Irrigation Water Project	D		18	18		737			132660		132660	Ruiruiru River	2000/9/27
Nyeri	Nyeri	4AA	Muteithia Irrigation Water Project	C		5	5		225			40500		40500	Muthira Stream Trib of Sagana	2009/5/19
Nyeri	Nyeri	4AA	Kanyiriri Water Project	B		1	1		45			8100		8100	Little Mere	2004/10/19
Nyeri	Nyeri	4AA	Okoni Water Project	B		1	1		36			6480		6480	Little Mere	2005/8/16
Nyeri	Nyeri	4AA	Mere Water Project	B		1	1		54			9806		9806	Little Mere	2006/8/25
Nyeri	Nyeri	4AA	Ngone Gatei Water Association	C		8	8		337			60660		60660	Mere	2006/9/4
Nyeri	Nyeri	4AA	Stephen Mwangi	B		1	1		45			8100		8100	Nairobi	1993/9/7
Nyeri	Nyeri	4AA	Thuguri w/o Karagita	B		1	1		28			5022		5022	Hombe	1999/9/20
Nyeri	Nyeri	4AA	Stephen Wambugu wairiuko	B		1	1		54			9720		9720	Warazo	1990/4/9
Nyeri	Nyeri	4AA	Gatuku Kamaitha	B		2	2		90			16200		16200	Warazo	1991/4/2
Nyeri	Nyeri	4AA	Githinji Mutira	B		1	1		36			6480		6480	Hombe	1991/8/15
Nyeri	Nyeri	4AA	Ngonde Water Association	B		3	3		135			24300		24300	Thego	2003/10/2
Nyeri	Nyeri	4AA	John Kabiru	B		0	0		18			3273		3273	Warazo	1989/7/17
Nyeri	Nyeri	4AA	Stephen Wamai Ndarathi	B		0	0		18			3273		3273	Kandune	1990/7/10
Nyeri	Nyeri	4AA	Ndirangu Wandeto	B		1	1		27			4860		4860	Ngutuku	1990/5/8
Nyeri	Nyeri	4AA	Peter Mucheni Githongori	B		1	1		36			6480		6480	Hombe	1990/3/29
Nyeri	Nyeri	4AA	Pittway Ndiritu	B		1	1		45			8100		8100	Nairobi	1990/2/21
Nyeri	Nyeri	4AA	Kariuki Joel Gachanja	B		1	1		52			9409		9409	Kandune	1990/3/21
Nyeri	Nyeri	4AA	Wazaro-Lusoi Jet Irrigation Project	D		121	121		5,000			900000		900000	Thego	1990/8/16
Nyeri	Nyeri	4AA	Iruri Water Project	D		55	55		2,250			405000		405000	Sagana	2009/1/21
Nyeri	Nyeri	4AA	Peter G. King'ori	B		3	3		135			24300		24300	Nairobi River	1988/3/29
Nyeri	Nyeri	4AA	LT. Col. Peter Waweru	B		1	1		36			6480		6480	Nairobi River	1990/5/15
Nyeri	Nyeri	4AA	Kiondo Kibithu	B		1	1		36			6538		6538	Hombe	1975/11/19
Nyeri	Nyeri	4AA	Glen Thego Estate	B		3	3		136			24516		24516	Thego	1977/10/5
NYERI	Nyeri	4AA	Mutahi Mabuchi	B		2	2		91			16344		16344	Nairobi	1981/5/22
Nyeri	Nyeri	4AA	Mount Kenya Estate Services Limited	D		22	22		909			163636		163636	Nairobi	2007/6/26
Nyeri	Nyeri	4AA	Wanjohi Esau Solomon	B		1	1		50			8996		8996	Sagana	1983/3/31
Nyeri	Nyeri	4AA	Kigotho Ndururi & Partners	B		1	1		55			9814		9814	Nairobi	1978/12/6
Nyeri	Nyeri	4AA	Charles Ngambi Mbau	D		44	44		1,825			328514		328514	Nairobi	1980/7/10
Nyeri	Nyeri	4AA	Maranga Munuhe	B		3	3		109			19628		19628	Nairobi	1983/3/16
Nyeri	Nyeri	4AA	Joesph Mwangi Thuita	B		1	1		23			4089		4089	Ndunyi Stream	1982/5/3
Nyeri	Nyeri	4AA	Samuel Warui Thirikwa	B		1	1		45			8178		8178	Sagana	1979/8/29
Nyeri	Nyeri	4AA	Henry Kibocha Wanderi	B		1	1		27			4907		4907	Ruiruiru	1980/11/1
Nyeri	Nyeri	4AA	Ephrahim Kaburu Wanjohi	B		1	1		27			4907		4907	Sagana	1982/8/25
Nyeri	Nyeri	4AA	George Gichohi Muraya	B		1	1		45			8181		8181	Sagana	1982/5/3
Nyeri	Nyeri	4AA	Kimondo Muche (Kimondo water Association)	B		1	1		27			4860		4860	Warazo	1986/5/20
Nyeri	Nyeri	4AA	Mr. Ngunjiri Kamangu Mbuthia	B		2	2		72			12960		12960	Mere	1983/3/18
Nyeri	Nyeri	4AA	Nikodem Julius Muriuki	B		1	1		36			6545		6545	Nairobi	1984/10/25
Nyeri	Nyeri	4AA	Wangui Kimunyu	B		0	0		18			3240		3240	Sagana	1995/3/21
Nyeri	Nyeri	4AA	David Munene Kairu	B		2	2		90			16216		16216	Mitai Stream	1985/8/20

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (38/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4AA	Geofrey Githui Ndegwa	B		4	4		164			29455		29455	Thego	1977/11/23
Nyeri	Nyeri	4AA	Alfred M. Nderi	D		99	99		4,091			736362		736362	Nairobi	1987/8/9
Nyeri	Nyeri	4AA	Dandeson Githinji	C		4	4		182			32713		32713	Nairobi River	1981/7/8
Nyeri	Nyeri	4AA	James Mutitu Gichohi	C		9	9		355			63819		63819	Nairobi River	1980/3/26
Nyeri	Nyeri	4AA	Ruaguku Water Project	B		0	0		18			3272		3272	Kamuya Stream	1977/1/19
Nyeri	Nyeri	4AA	Gilbert James Moustache	B		1	1		36			6545		6545	Nairobi	1987/3/5
NYERI	Nyeri	4AA	Mugumo Weru	B		2	2		90			16200		16200	Kamahuri	2007/2/21
Nyeri	Nyeri	4AA	Sagana Scheme Dam Irrigation Water Project	D		35	35		1,454			261801		261801	Ngunia River	2007/6/5
Nyeri	Nyeri	4AA	Ngogithi Water Project	D		22	22		900			162000		162000	Nairobi	2010/1/18
Nyeri	Nyeri North	4AA	Kihari Self Help Group	B		1	1		52			9414		9414	Sagana River	2008/7/22
Nyeri	Nyeri North	4AA	Kiriko Witheithie Water Project	B		1	1		59			10530		10530	Ritho-Ini Trib Of Sagana River	2009/2/23
Nyeri	Nyeri North	4AA	Mwakonya Water Project	B		1	1		36			6480		6480	Little Thegu Trib Of |Thegu	2010/3/18
Nyeri	Nyeri	4AA	Gatagati Action Water Project	C		7	7		306			55080		55080	Gathego Trib Of Gathego River	
Nyeri	Nyeri	4AA	Gaichanjiru Water Project	B		1	1		45			8100		8100	Ruiruiru River	
Nyeri	Nyeri	4AA	Githungo Development Water Project	B		2	2		80			14400		14400	Kandune Trib	
Nyeri	Nyeri	4AA	John . R.C. Gordon	B		0	0		18			3240		3240	Nairobi River	
Nyeri	Nyeri	4AA	Geoffrey M. Kingongo	B		1	1		36			6545		6545	Hombe River	
Nyeri	Nyeri	4AA	Gathagana Self Help Water Project	C		11	11		450			81000		81000	Little Sagana	
Nyeri	Nyeri	4AA	Kagati Irrigation Water Project	B		2	2		75			13500		13500	Kamuyu	
Nyeri	Nyeri	4AA	Chieni Irrigation Water Project	C		27	27		1,125			202500		202500	Sagana	
Nyeri	Nyeri	4AA	King'ong'o Gachagua	B		0	0		18			3240		3240	Mere River	
Nyeri	Nyeri	4AA	Wilson Wanderi	B		0	0		18			3240		3240	Warazo	
Nyeri	Nyeri	4AA	Ngatia Nduru Water Project	B		0	0		18			3240		3240	Warazo	
Nyeri	Nyeri	4AA	Umoja Water Project	B		1	1		23			4050		4050	Mere	
Nyeri	Nyeri	4AA	Watson Wambugu Githaga	B		1	1		27			4860		4860	Kandune	
Nyeri	Nyeri	4AA	Samuel Njuki	B		1	1		27			4910		4910	Kanikwe Of Ruiruiru	
Nyeri	Nyeri District	4AA	Gagawa Irrigation Water Project	B		1	1		23			4050		4050	Kamahuri Trib Of Thegu River	
Nyeri	Nyeri	4AB	Commisioner Of Police- Kenya Police College	B		2	2		99			17820		17820	Amboni River	2007/5/28
Nyeri	Nyeri	4AB	Munene Muhindi	B		2	2		64			11453		11453	Amboni River	2007/9/7
Nyeri	Nyeri	4AB	George Nderitu Macharia	B		3	3		109			19638		19638	Amboni River	2009/11/16
Nyeri	Nyeri	4AB	Waso River Investment	B		7	7		272			48960		48960	Amboni	2007/1/31
Nyeri	Nyeri	4AB	Charles Magua	B		1	1		45			8100		8100	Amboni Stream	2003/5/14
Nyeri	Nyeri	4AB	Josphine W. Wairuhi	B		1	1		54			9720		9720	Amboni	2009/2/9
Nyeri	Nyeri	4AB	Kinaini Water Project	C		44	44		1,800			324000		324000	Muringato	2008/3/27
Nyeri	Nyeri	4AB	Geofrey Njogu Githinji	B		6	6		243			43740		43740	Amboni River	1974/6/26
Nyeri	Nyeri	4AB	William Thiong'o	B		1	1		55			9810		9810	Mweiga	1993/3/16
Nyeri	Nyeri	4AB	Kyanyange Farmers Limited	C		33	33		1,363			245349		245349	Amboni	1979/2/2
Nyeri	Nyeri	4AB	Charles Njoora	B		2	2		91			16362		16362	Sagana	1989/5/18
Nyeri	Nyeri	4AB	The Ark Limited	B		0	0		18			3240		3240	Amboni	2009/5/12
Nyeri	Nyeri	4AB	Ndiritu I. Gathii	B		2	2		81			14652		14652	Muriara River	1983/5/17
Nyeri	Nyeri	4AB	Kieni East Farmers Company Limited	C		22	22		909			163566		163566	Gaturiri Spring	1981/5/29

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (39/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4AB	Ngumbi King'ori	B		1	1		55			9817		9817	Amboni River	2005/7/13
Nyeri	Nyeri	4AB	Elias Gathii Karuri	B		2	2		73			13086		13086	Amboni	1982/11/26
NYERI	Nyeri	4AB	Mt. Kenya Investment	B		1	1		45			8100		8100	Nyange	1988/5/5
Nyeri	Nyeri	4AB	Kyanyange Farmers Limited	B		0	0		14			2455		2455	Amboni	1953/8/15
Nyeri	Nyeri	4AB	Mwerua Farmers Limited-Mwerua/Munyaka	B		1	1		36			6545		6545	Amboni	1964/9/4
Nyeri	Nyeri	4AB	Mutira farmers -Mutira Mashina Estate	B		10	10		400			71969		71969	Muringato	1976/1/21
Nyeri	Nyeri	4AB	Wahenya Limited- Thomas Hunges Rice	B		1	1		23			4089		4089	Mweiga	1964/8/16
Nyeri	Nyeri	4AB	Amboni Water Furrow Association	B		2	2		98			17591		17591	Amboni	1967/10/30
Nyeri	Nyeri	4AB	The Ark Limited	B		0	0		18			3240		3240	Amboni	2006/11/6
Nyeri	Nyeri	4AB	Mweiga Estate Limited	B		2	2		68			12272		12272	Muringato Trib of Amboni River	2009/5/7
Nyeri	Nyeri	4AB	Peter Wambugu Kiboi	B		2	2		72			12960		12960	Amboni River	2006/11/17
Nyeri	Nyeri	4AB	Kihuyo Water Project	C		15	15		603			108540		108540	Muringato River	2006/5/4
Nyeri	Nyeri	4AB	Gatuamba Kiricheni Water Project	D		28	28		1,172			210960		210960	Rongai Dry Water Course	2006/5/4
Nyeri	Nyeri	4AB	Ewaso River Investment Limited	B		7	7		272			48960		48960	Honi River	2006/6/28
Nyeri	Nyeri	4AB	Nyaribo Horticultural Water Project	B		2	2		72			12960		12960	Mweiga	2007/2/16
Nyeri	Nyeri	4AB	M. Ichangi	B		3	3		113			20250		20250	Honi(Amboni)	2001/9/13
Nyeri	Nyeri	4AB	Nyeri Hill Self Help Water Project	B		9	9		364			65520		65520	Mariara Stream	2006/9/7
Nyeri	Nyeri	4AB	Festus George Ndung'u	B		9	9		363			65340		65340	Amboni	2007/2/20
NYERI	Nyeri	4AB	John Gitonga Ngare	B		2	2		72			12960		12960	Ruhotie	1990/3/19
Nyeri	NYERI	4AB	Ephantus Kanyi Gachoka	B		2	2		84			15066		15066	Mweiga	1990/1/30
Nyeri	Nyeri	4AB	Water Project	D		127	127		5,220			939600		939600	Muringato	1990/2/14
Nyeri	Nyeri	4AB	Robert Wahome Ndiang'ui	B		2	2		91			16364		16364	Amboni	1988/1/26
Nyeri	Nyeri	4AB	John Gathogo Ndegwa	B		2	2		100			18000		18000	Amboni	1989/8/22
Nyeri	Nyeri	4AB	Moses Mukira Gachugi	B		2	2		90			16200		16200	Muringoto	1993/9/27
Nyeri	Nyeri	4AB	Jeremiah M. Kabugi	B		0	0		18			3240		3240	Mweiga	1990/4/5
Nyeri	Nyeri	4AB	Kahiga Macharia	B		1	1		36			6480		6480	Nairobi	1978/4/5
Nyeri	Nyeri	4AB	Cahrles Kariuki Ngatia c/o Francis Wanjohi	B		2	2		73			13075		13075	Amboni	1980/7/30
Nyeri	Nyeri	4AB	Onesmus Kariru & Francis Muthemba	B		1	1		55			9814		9814	Muringato	1978/4/13
Nyeri	Nyeri	4AB	Osman Allu	B		2	2		91			16357		16357	Amboni	1987/3/5
Nyeri	Nyeri	4AB	Macharia Rung'are	B		4	4		181			32580		32580	Amboni	1992/9/29
Nyeri	Nyeri	4AB	James John Mageria	B		1	1		45			8172		8172	Amboni	2006/11/9
Nyeri	Nyeri	4AB	Maina Wanjigi (Hon.)	B		4	4		145			26181		26181	Muringato	1983/2/18
Nyeri	Nyeri	4AB	John Gitonga	B		0	0		18			3273		3273	Mweiga	1984/10/23
Nyeri	Nyeri	4AB	Arthur Macharia	B		2	2		91			16357		16357	Nairobi River	1979/4/11
Nyeri	Nyeri	4AB	Erastus Mwangi Farm	B		10	10		414			74520		74520	Amboni River	1979/8/22
Nyeri	Nyeri	4AB	Macahria Rungare & Mathenge Rungane	B		1	1		27			4909		4909	Mweiga	1980/7/2
Nyeri	Nyeri	4AB	Joseph Ndumia Munene	B		1	1		55			9817		9817	Amboni	2007/2/16
Nyeri	Nyeri	4AB	Gatuamba Spring Community Action Group	B		9	9		386			69552		69552	Rongai River	2008/6/26
Nyeri	Nyeri	4AB	Isaac Kiamni Waweru	B		1	1		45			8100		8100	Amboni River	2009/11/9
Nyeri	Nyeri	4AB	Macahria Rungare & Brothers	B		2	2		91			16380		16380	Amboni River	
Nyeri	Nyeri	4AB	Kanuna Water Project	C		11	11		468			84240		84240	Amboni	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (40/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4AB	Itanga Farming Association	B		2	2		91			16344		16344	Gathera	
Nyeri	Nyeri	4AB	Nicholas Muraguri	B		5	5		225			40500		40500	Mwega	
Nyeri	Nyeri	4AB	Director Of Water Development	B		2	2		100			18000		18000	Gikira	
Nyeri	Nyeri	4AB	Jeremiah M. Kabugi	B		0	0		18			3240		3240	Mweiga	
Nyeri	Nyeri	4AB	Chaka Kiganjo Water Project	B		3	3		108			19440		19440	Amboni	1990/7/5
Nyeri	Nyeri	4AC	Gaturi Water Association	B		6	6		248			44550		44550	Gaturi	1992/9/29
Nyeri	Nyeri	4AC	William Mathangani Wambugu	B		2	2		82			14726		14726	Thuta	2007/9/6
Nyeri	Nyeri	4AC	James Waibochi	C		12	12		495			89100		89100	Chania	2010/3/19
Nyeri	Nyeri	4AC	Tetu Coffee Growers Co-operative Society	B		0	0		18			3271		3271	Kamuyu	1979/11/21
Nyeri	Nyeri	4AC	Keremara Estate Limited	B		1	1		45			8181		8181	Chania	2008/1/18
Nyeri	Nyeri	4AC	Karie Water Project	B		3	3		108			19440		19440	Karie Stream Trib Of Sagana	2005/11/23
Nyeri	Nyeri	4AC	Gakuyu Water Project	B		2	2		72			12960		12960	Karie Stream	2007/7/3
Nyeri	Nyeri	4AC	Githiru Community Irrigation Water Project	C		22	22		900			162000		162000	Chania River	2007/7/11
NYERI	Nyeri	4AC	Kazara Water Project	B		1	1		40			7200		7200	Sagana River	2006/10/19
Nyeri	Nyeri	4AC	Kiriu Water Project	B		2	2		81			14580		14580	Rongai River	2005/2/14
Nyeri	Nyeri	4AC	Stephen Kanini Wang'ondu	B		4	4		180			32400		32400	Amboni	2007/2/20
Nyeri	Nyeri	4AC	Kahuriro Self Help Water Project	B		11	11		450			81000		81000	Zaina River	2006/10/18
Nyeri	Nyeri	4AC	Ihwa Irrigation Self Help Water Project	C		22	22		900			162000		162000	Zaina Stream	2008/1/17
Nyeri	Nyeri	4AC	G.K. Nyeri Prison	C		16	16		671			120708		120708	Chania	2007/2/21
Nyeri	Nyeri	4AC	Pemwai Limited	B		3	3		136			24545		24545	Chania	1988/6/21
Nyeri	Nyeri	4AC	Munyu Wildlife Water Project	B		2	2		62			11203		11203	Dam	2010/1/18
Nyeri	Nyeri	4AC	Keremara Estate (Duncan Ndegwa)	B		1	1		45			8181		8181	Chania River	
Nyeri	Nyeri	4AC	Mutanga Investment Ltd. (Julius Mimano)	C		33	33		1,364			245453		245453	Chania River	
Nyeri	Nyeri	4AD	Gaithuri Self Help Water Project	C		5	5		225			40500		40500	Kaguma River	2009/5/13
Nyeri	Nyeri	4AD	Othaya Farmers Co-operative Society Limited	B		1	1		45			8100		8100	Thuti	1977/8/8
Nyeri	Nyeri	4AD	Robison Wang'ombe	B		4	4		173			31068		31068	Gikira River	1983/4/8
Nyeri	Nyeri	4AD	Kaigonji Water Project	C		15	15		636			114534		114534	Gura River	2010/6/29
Nyeri	Nyeri	4AD	Kamoko Water Irrigation Project	D		346	346		14,258			2566440		2566440	Mumwe River	2008/2/19
Nyeri	Nyeri	4AD	Mwangi Thuku	B		1	1		54			9720		9720	Ruarai River	2006/6/9
Nyeri	Nyeri	4AD	Kahuro Small Scale Irrigation Project	C		4	4		180			32400		32400	Gikira River	2007/11/20
Nyeri	Nyeri	4AD	Karindi Secondary School	B		1	1		45			8181		8181	Ruarai	2006/9/5
Nyeri	Nyeri	4AD	Chartered Reality Ltd.	B		2	2		99			17820		17820	Amboni	1993/1/8
Nyeri	Nyeri	4AD	Ezra Kariuki Benson	B		1	1		45			8182		8182	Gura	1989/8/22
Nyeri	Nyeri	4AD	Kaheti Secondary School	B		1	1		36			6538		6538	Nyaguathi	1978/8/30
Nyeri	Nyeri	4AD	Mrs. Wanjiku Wagura	B		2	2		73			13075		13075	Gura	1982/5/28
Nyeri	Nyeri	4AD	Chinga Girls Secondary School	B		1	1		36			6543		6543	Chinga	1979/3/28
Nyeri	Nyeri	4AD	Gaikundo Power Generation & Irrigation Project	D		8	8		342			61560		61560	Gikira Trib Of Gura	2009/6/16
Nyeri	Nyeri South	4AD	Riamukurwe Irrigation & Development Project	B		10	10		396			71280		71280	Gura River	
Nyeri	Nyeri	4B	Gachanja Gathura	B		1	1		27			4860		4860	Kaigunyu	1978/9/20
Nyeri	Nyeri North	4BA	Nginjiri & Kamangu Water Project	B		1	1		54			9720		9720	Thego River	2008/7/22
Nyeri	Nyeri	4BA	Kiunyuini Water Association	B		1	1		54			9720		9720	Ithimoigi	1992/7/4

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (41/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4BA	Kiguru Ngibuni Davidson	B		3	3		109			19636		19636	Giachamuki	1988/2/25
Nyeri	Nyeri	4BA	Maina Mungure	B		0	0		18			3271		3271	Kariara	1968/7/31
Nyeri	Nyeri	4BA	James Muriithi Kiumi	B		0	0		20			3600		3600	Ruiruiru Trib Of Sagana River	2009/11/11
Nyeri	Nyeri	4BA	Ndiriti Aguthi Water Project	D		16	16		679			122141		122141	Naromoru	2005/4/29
Nyeri	Nyeri	4BA	Austin Kanyuru Wamwea	B		0	0		18			3240		3240	Kawaita Stream	1991/9/24
Nyeri	Nyeri	4BA	Simon Mithamo c/o Macharia	B		1	1		50			8910		8910	Gachiura	1991/4/2
Nyeri	Nyeri	4BA	Jotham Gatheru Buri	C		2	2		91			16344		16344	Ragati	1981/11/17
Nyeri	Nyeri	4BA	District Agricultural Officer	B		2	2		73			13075		13075	Ithanji	1977/10/19
Nyeri	Nyeri	4BA	Ngacha Kibiri	B		2	2		68			12150		12150	Thiha	2007/4/24
Nyeri	Nyeri	4BA	Joseph Theuri Mutahi	B		2	2		73			13085		13085	Sagana	1989/3/10
Nyeri	Nyeri	4BA	Kiirungi Furrow Water Project	C		18	18		727			130909		130909	Rurai	1983/8/12
Nyeri	Nyeri	4BA	Upper Magutu Water Project	C		13	13		545			98100		98100	Ragati	1996/11/15
Nyeri	Nyeri	4BA	Trust And Engulf Limited	C		3	3		108			19440		19440	Karogoto River	
Nyeri	Nyeri	4BB	Kanjuri Self Hel W/P	C		2	2		81			14508		14508	Ragati River	2010/4/30
Nyeri	Nyeri	4BB	Kiaguthu Self Help Water Project	C		16	16		675			121500		121500	Ragati	2005/3/15
Nyeri	Nyeri	4BB	Murage Kabui	B		1	1		27			4909		4909	Muhuhi	1990/5/17
Nyeri	Nyeri	4BB	Kahiti Water Asssociation	B		1	1		55			9819		9819	Kanikwe Stream	1996/6/6
Nyeri	Nyeri	4BB	Herman Kahiga Muhu	B		1	1		27			4860		4860	Ragati River	2009/11/9
Nyeri	Nyeri	4BB	Epharim Muguongo Wanjau	B		1	1		27			4909		4909	Kamugoiri	1989/5/23
Nyeri	Nyeri	4BB	Amos Gathungu Huhu	B		1	1		32			5724		5724	Karuku Strea	1993/7/27
Nyeri	Nyeri	4BB	Eliud Mahu	B		1	1		36			6538		6538	Gatwe Stream	1988/5/5
Nyeri	Nyeri	4BB	Ihurathi Farmers Water Project	C		7	7		273			49070		49070	Ragati	1980/10/22
Nyeri	Nyeri	4BB	Gachanja Gathura	B		1	1		27			4896		4896	Turi	1977/8/8
Nyeri	Nyeri	4BB	Gatondo Secondary School	C		0	0		18			3271		3271	Muhuri River	1983/2/25
Nyeri	Nyeri	4BB	Githima Valley Water Project - Gicheru Magondu	B		2	2		73			13140		13140	Nyayaga	1983/7/12
Nyeri	Nyeri	4BB	Chuiri Kanyi	B		1	1		27			4909		4909	Karurau Stream	2007/5/29
Nyeri	Nyeri	4BB	Gachugu Kariru	B		0	0		18			3272		3272	Ragati	1992/10/13
Nyeri	Nyeri	4BB	Francis Gakere Muguku	B		1	1		23			4089		4089	Turi	1978/11/1
Nyeri	Nyeri	4BB	Thegenge Pipe Water Self Help Project	C		11	11		455			81817		81817	Ragati River	2009/5/7
Nyeri	Nyeri	4BB	Crispo Muriithi Kimangi	B		1	1		55			9810		9810	Giakakarugu	2007/8/8
Nyeri	Nyeri	4BB	Mwangi Muriuki & M. Kariuki	B		1	1		36			6480		6480	Gachiura	1977/3/23
Nyeri	Nyeri	4BB	Upper Magutu Water Project - Muriga Furrow Irrigatio	C		13	13		545			98100		98100	Ragati	1990/5/21
Nyeri	Nyeri	4BB	Ephantus GaKuru Mahihu	B		2	2		91			16357		16357	Kururu	1979/3/7
Nyeri	Nyeri	4BB	Muthira Irrigation Water Project	C		3	3		127			22873		22873	Kathiruthiru Stream	2007/9/15
Nyeri	Nyeri	4BB	Horticultural Water Association	B		1	1		27			4909		4909	Ragati River	2003/4/14
Nyeri	Nyeri	4BB	Kagochi Kahurathi Irrigation Project	C		3	3		127			22909		22909	Ragati River	2006/5/4
Nyeri	Nyeri	4BB	West Magutu Irrigation Scheme	D		27	27		1,125			202500		202500	Ragati River	2010/1/18
Nyeri	Nyeri	4BB	Giakabiru Water Association	B		1	1		41			7290		7290	Ragati River	2006/6/7
Nyeri	Nyeri	4BB	James Gituba Maina	B		1	1		42			7522		7522	Kiringa River	2006/7/3
Nyeri	Nyeri	4BB	Ngurume Water Self Help Project	C		4	4		180			32400		32400	Rwaithanga River	2007/8/13
Nyeri	Nyeri	4BB	Iriani Water Project	C		12	12		495			89100		89100	Kururu River	2010/1/18

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (42/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4BB	Phyllis Njoki Kariuki	B		1	1		54			9720		9720	Gakomboki	1992/6/24
Nyeri	Nyeri	4BB	Mwarithia Minjire	B		1	1		45			8100		8100	Kirigu	2002/2/22
Nyeri	Nyeri	4BB	kahuroini Water Project	C		3	3		117			21060		21060	Ragati	2007/9/6
Nyeri	Nyeri	4BB	Kahigaini Farmers Irrigation Group	C		3	3		117			21060		21060	Kahigaini	2004/4/21
Nyeri	Nyeri	4BB	Chehe Irrigation Water Project	C		22	22		900			162000		162000	Kururu	1992/3/26
Nyeri	Nyeri	4BB	Ihwangi Gitige Self Help Water Project	B		2	2		90			16200		16200	Ragati	1990/10/22
Nyeri	Nyeri	4BB	Aggrey Kihara Muriithi	B		1	1		36			6545		6545	Karuru	1999/7/30
Nyeri	Nyeri	4BB	Ndurumoini Water Association	B		1	1		37			6633		6633	Ragati	1990/9/3
Nyeri	Nyeri	4BB	Kihuro Kariko Water Association	B		2	2		68			12267		12267	Gichichi	1990/7/5
Nyeri	Nyeri	4BB	Wairimu Muchiri	B		1	1		45			8178		8178	Ragati	1990/7/30
Nyeri	Nyeri	4BB	Stevenson Murimi Nguchu	B		1	1		23			4091		4091	Kanjikeru	1999/6/28
Nyeri	Nyeri	4BB	Kanjuri Water Project	C		13	13		545			98140		98140	Muriga River	1987/7/16
Nyeri	Nyeri	4BB	Kihuri Self Help Water Association	C		16	16		675			121500		121500	Gichichi Trib	1992/10/1
Nyeri	Nyeri	4BB	Benjamin Ikahu Joshua	B		0	0		18			3276		3276	Ragati	1987/7/29
Nyeri	Nyeri	4BB	Kiai Muiru	B		1	1		27			4909		4909	Ragati	1976/12/5
Nyeri	Nyeri	4BB	Angelius Kiumbi Muthike	B		1	1		54			9806		9806	Ragati	1977/10/13
Nyeri	Nyeri	4BB	James Thomas Muriithi	B		1	1		45			8172		8172	Ragati	1982/1/12
Nyeri	Nyeri	4BB	Wilfred Allan Kiumi c/o P.C.E.A.	B		0	0		18			3269		3269	Ruithanga	1985/9/10
Nyeri	Nyeri	4BB	Muchemi Gichuru	B		1	1		36			6538		6538	Kamugoiri Sttream	1985/7/11
Nyeri	Nyeri	4BB	Florence Njeri Nderitu	B		1	1		27			4903		4903	Ragati	1983/7/12
Nyeri	Nyeri	4BB	Charles Migui Maranga	B		1	1		36			6545		6545	Ragati	1979/12/16
Nyeri	Nyeri	4BB	Paul Gakuo Wahome	B		0	0		18			3240		3240	Ragati	1986/1/23
Nyeri	Nyeri	4BB	Gilbert Gachari Gakuo	B		1	1		36			6543		6543	Rwaithanga River	2007/7/24
Nyeri	Nyeri	4BB	Gichuhi Kimira	B		0	0		18			3272		3272	Ragati	1978/12/20
Nyeri	Nyeri	4BB	Ihwagi Greenland Water Association	C		6	6		236			42546		42546	Ragati	1986/9/30
Nyeri	Nyeri	4BB	Samuel Kiongo Kamau	B		1	1		23			4091		4091	Ragati	1980/11/5
Nyeri	Nyeri	4BB	Wamuga Water Association	C		6	6		245			44181		44181	Rwaithanga River	1991/10/3
Nyeri	Nyeri	4BB	Mwai Githinji & Partners	B		1	1		36			6545		6545	Ragati	1970/2/16
Nyeri	Nyeri	4BB	Robertson Njogu	C		4	4		180			32400		32400	Kururu	2007/7/13
Nyeri	Nyeri	4BB	Gituri/Kiamuiru Water Project	C		17	17		700			126000		126000	Ragati	2007/7/3
Nyeri	Nyeri	4BB	Kariithi Irrigation Scheme Water Project	D		49	49		2,025			364500		364500	Gichichi River	2007/4/25
Nyeri	Nyeri	4BB	Kariko Furrrow Water Association	C		13	13		545			98100		98100	Ragati River	1990/4/3
Nyeri	Nyeri	4BB	Kienjaini Water Association	B		2	2		95			17175		17175	Ragati River	
Nyeri	Nyeri	4BB	Ndekere Water Project	B		1	1		45			8100		8100	Ragati	
Nyeri	Nyeri	4BB	Micheal Kareri Kanyotu	B		1	1		36			6480		6480	Ragati	
Nyeri	Nyeri	4BB	Giatheruko Irrigation Water Project	B		2	2		72			12960		12960	Ragati	
Nyeri	Nyeri	4BB	Kagochi Kahurathi Irrigation Project	C		3	3		127			22860		22860	Ragati	
Nyeri	Nyeri	4BB	Riakiumu Water Project	C		7	7		273			49091		49091	Ragati	
Nyeri	Nyeri	4BB	Nguyo Ngubuini	B		1	1		22			4001		4001	Kairia	
Nyeri	Nyeri	4BB	Peter Murimi Kinyeki	B		0	0		18			3240		3240	Kanyoti	
Nyeri	Nyeri	4BB	Sospeter Njogu Mahihu	B		1	1		37			6633		6633	Turi River	

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (43/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Nyeri	Nyeri	4BB	Njuki Water Project	B		1	1		52			9315		9315	Ragati River	
Nyeri	Nyeri	4BC	Kiangonina Self Help Water Project	B		2	2		89			15930		15930	Ruirui	2004/11/8
Nyeri	Nyeri	4BC	Fred Wanjohi Daniel	B		1	1		45			8172		8172	Ruamuthambi	1968/2/26
Nyeri	Nyeri	4BC	Kagaka Irrigation Water Project	C		5	5		225			40500		40500	Gichichi	1997/8/12
Nyeri	Nyeri	4BC	Kabuchu/ Maina Water Association	C		22	22		900			162000		162000	Kirigu Stream	2006/8/28
Nyeri	Nyeri	4BC	Kagaka Irrigation Self Help Water Project	C		11	11		450			81000		81000	Ragati	1997/9/14
Nyeri	Nyeri	4BC	Kabunda Water Project	C		9	9		364			65454		65454	Kabunda Stream	1989/4/10
Nyeri	Nyeri	4BD	Sisters Of Mary Immaculate	B		0	0		18			3271		3271	Mathioya River	2006/4/18
Nyeri	Nyeri	4BD	George R. W. Thiga	B		3	3		136			24535		24535	Thurutuhuru	1990/5/28
Nyeri	Nyeri	4BD	Kathangi Estates Limited	C		15	15		636			114480		114480	Ngenya/Gathangi River	
Nyeri	Nyeri	4BE	Consolata Catholic Mission	B		1	1		36			6538		6538	Moriorio	1964/1/23
Nyeri	Nyeri	4BE	Kabugi Irrigation Water Project	C		4	4		164			29443		29443	Ragati River	1989/12/13
Nyeri	Nyeri	4CA	Thunguma Secondary School	B		0	0		20			3600		3600	Thuta	1974/7/24
Nyeri	Nyeri	4CA	Isiah Mathenge Mwai (Seremwai Estate)	D		80	80		3,305			594818		594818	Chania River	1984/3/1
Tana River	Tana River	4DD	City Council Of Tana River- Hola	B		11	11		454			81783		81783	Tana River	1969/11/5
Tana River	Tana River	4G	Kenya Assemblies Of God- Sombo	B		3	3		109			19628		19628	River Tana	2008/10/31
Tana River	Tana River	4G	Salim Ahmed Bayusuf	B		3	3		120			21600		21600	Tana	2006/8/31
Tana River	Tana River	4G	Laza MinorIrrigation	C		22	22		900			162000		162000	Tana	1993/2/23
Tana River	Tana River	4G	TARDA	D		548	548		22,582			4064727		4064727	Tana River	1990/3/27
Tana River	Tana River	4G	Tana River County Council- Ngao Farmers	C		33	33		1,363			245349		245349	Tana River	1979/7/30
Tana River	Tana River	4G	Madogo Self Help Group Farm	C		43	43		1,760			316800		316800	Tana	2007/2/9
Tana River	Tana River	4G	Tana River First Farm	C		53	53		2,200			396000		396000	Tana River	2007/11/27
Tana River	Tana River	4G	Almukarram Farm	C		51	51		2,090			376200		376200	Tana	
Tana River	Tana River	4G	Tana Umoja Farm	C		51	51		2,090			376200		376200	Tana	
Tana River	Tana River	4G	Bare H. Muhummed Farm	C		14	14		586			105480		105480	Tana	
Tana River	Tana River	4GB	Omara Kalasinga Obae	B		8	8		318			57249		57249	Tana	1982/8/20
Tharaka-Nithi	Murang'a South	4AC	Magutu Company Limited	D		88	88		3,634			654120		654120	Trib. Of Thika	1981/5/29
Tharaka-Nithi	Meru South	4E	Kiraro Social Welfare S. Project	C		44	44		1,800			324000		324000	North Mara	2006/7/21
Tharaka-Nithi	Meru South	4E	Kirwire Water Association	B		3	3		137			24570		24570	Thamia	2006/11/9
Tharaka-Nithi	Meru South	4E	Kamutini/ Kagogero Water Project	B		7	7		270			48600		48600	North Mara	2006/9/20
Tharaka-Nithi	Imenti South	4EA	Igokine Kithakanoro Water Association	C		19	19		774			139320		139320	Kithino	2008/6/24
Tharaka-Nithi	Meru South	4EA	Gantura Water Association	B		2	2		88			15840		15840	Kithino River	2008/6/20
Tharaka-Nithi	Meru South	4EA	Tuthima Rwanjagi Water Project	B		1	1		55			9818		9818	Rwanjagi River	2005/9/23
Tharaka-Nithi	Meru South	4EA	Ngonyi Kirogine Water Association	C		13	13		516			92864		92864	Kithino	1973/8/29
Tharaka-Nithi	Meru South	4EA	Yururu Water Association	B		6	6		258			46472		46472	Keeje Stream	1977/8/31
Tharaka-Nithi	Meru South	4EA	Kuiri- Gakiri Water Project	C		13	13		545			98100		98100	Mutonga River	
Tharaka-Nithi	Meru South	4EB	Mucui Water Project	B		7	7		270			48600		48600	North Mara	2008/6/6
Tharaka-Nithi	Meru South	4EB	Moses Nyaga Njiima	B		0	0		20			3681		3681	Tungu	2007/5/31
Tharaka-Nithi	Tharaka	4EB	Rwachege / Kieni Water Project	C		44	44		1,800			324000		324000	South Mara River	2009/9/30
Tharaka-Nithi	Meru South	4EB	Gianchuku Water Project	C		44	44		1,800			324000		324000	North Mara	2008/6/7
Tharaka-Nithi	Meru South	4EB	Baraani Self Help Water Project	B		3	3		137			24606		24606	North Mara River	2008/6/4

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (44/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Tharaka-Nithi	Meru South	4EB	Ciambaraga Water Project	C		33	33		1,365			245700		245700	Naka River	2008/5/14
Tharaka-Nithi	Meru South	4EB	Gitombani Gitare Water Project	B		2	2		91			16357		16357	Kanji	2003/10/31
Tharaka-Nithi	Meru South	4EB	Gitombani Gitare Water Project	C		44	44		1,800			324000		324000	Kainji Stream	2003/4/30
Tharaka-Nithi	Meru South	4EB	Kororu Water Project	B		8	8		315			56700		56700	South Mara River	2008/10/14
Tharaka-Nithi	Meru South	4EB	Nithi Area Council	B		4	4		155			27828		27828	South Mara	1969/6/25
Tharaka-Nithi	Meru South	4EB	Kamacembe Self Help Group	B		8	8		318			57240		57240	Kiri River	2008/7/16
Tharaka-Nithi	Meru South	4EB	Kamugoro Water Project	B		2	2		72			12960		12960	Githuchi	2005/9/30
Tharaka-Nithi	Meru South	4EB	Magumano Water Project	C		38	38		1,575			283500		283500	Mutonga River	2005/9/22
Tharaka-Nithi	Meru South	4EB	Rukindu Water Project	C		42	42		1,710			307800		307800	Kiamanyaga Trib Of Manyaga	2005/10/21
Tharaka-Nithi	Meru South	4EB	Mutuanyingi Self Help Water Project	C		17	17		720			129600		129600	Middle Mara River	2006/1/31
Tharaka-Nithi	Meru South	4EB	Jikaze Self Help Water Group	C		13	13		540			97200		97200	Nduka Stream	2006/2/10
Tharaka-Nithi	Meru South	4EB	Gantaraki Water Project	C		17	17		720			129600		129600	Kinji Stream	2008/8/6
Tharaka-Nithi	Meru South	4EB	Muthambi Gitije S.H. Water Project	C		56	56		2,295			413100		413100	Nithi River	2009/6/17
Tharaka-Nithi	Meru South	4EB	Justus Chabari Murungi	B		4	4		182			32713		32713	Thuci River	2006/5/5
Tharaka-Nithi	Meru South	4EB	Comrades Self Help Water Project	B		1	1		46			8190		8190	Tungu River	2006/7/18
Tharaka-Nithi	Meru South	4EB	Magumoni Water Project	C		9	9		387			69660		69660	Kithuchi Stream Trib Of Thuchi	2006/7/17
Tharaka-Nithi	Meru South	4EB	Munga/Kiriani Water Project	C		27	27		1,125			202500		202500	South Mara River	2010/6/30
Tharaka-Nithi	Meru South	4EB	Mutino Community Water Project	C		18	18		733			132012		132012	Mara River	2006/9/6
Tharaka-Nithi	Meru South	4EB	Kanunyotu Water Project	B		4	4		153			27540		27540	Ganga Stream	2006/10/17
Tharaka-Nithi	Meru South	4EB	Kiego Water Project	B		7	7		290			52245		52245	South Mara River	2007/8/14
Tharaka-Nithi	Meru South	4EB	Gitombani Gitare Water Project	B		7	7		270			48600		48600	Matindi Stream	2006/11/17
Tharaka-Nithi	Meru South	4EB	Gitumbi Water Project	B		3	3		123			22140		22140	Naka River	2007/6/26
Tharaka-Nithi	Meru South	4EB	Ndigia Self Help Water Project	D		44	44		1,800			324000		324000	Tungu River	2006/11/1
Tharaka-Nithi	Meru South	4EB	Japeth Njeru Bundi	B		1	1		27			4779		4779	Tungu River	2006/8/9
Tharaka-Nithi	Meru South	4EB	Materi Hydro-Electricity Power Project	D		31	31		1,287			231660		231660	Mutonga River	2008/1/17
Tharaka-Nithi	Meru South	4EB	Kiriti Water Project	B		5	5		225			40500		40500	Middle Mara	2007/2/14
Tharaka-Nithi	Meru South	4EB	Giakanjiri Water Project	B		7	7		270			48600		48600	Kathambare Middle Mara	2005/9/5
Tharaka-Nithi	Meru South	4EB	Kithitu Water Project	C		44	44		1,800			324000		324000	North Mara River	2006/9/28
Tharaka-Nithi	Meru South	4EB	Ukuruni Ikumbo Water Association	B		3	3		117			21060		21060	Kamra Trib Of North Mara	2004/10/7
Tharaka-Nithi	Meru South	4EB	Murimi Self Help Water Project	C		5	5		225			40500		40500	Middle Mara River	2007/7/2
Tharaka-Nithi	Meru South	4EB	Ganku-Munore Self Help Water Project	B		4	4		152			27360		27360	Middle Mara Stream	2005/1/4
Tharaka-Nithi	Meru South	4EB	Kahuruko Self Help Group	B		11	11		450			81000		81000	Gantamathina Stream	2002/9/17
Tharaka-Nithi	Meru South	4EB	Kithiru Self Help Group	B		11	11		450			81000		81000	South Mara	2003/3/11
Tharaka-Nithi	Meru South	4EB	Mwonge Range Water Assocaition	D		66	66		2,700			486000		486000	Ruguti River	2007/7/11
Tharaka-Nithi	Meru South	4EB	Giakiri Water Project	B		5	5		225			40500		40500	South Mara River	2010/1/20
Tharaka-Nithi	Meru South	4EB	Wiru Dev. S.H. Project	B		4	4		180			32400		32400	South Mara River	2008/5/20
Tharaka-Nithi	Meru South	4EB	K.T.D.A Weru Tea Factory	B		0	0		9			1638		1638	Ginci Trib Of South Mara	2005/1/6
Tharaka-Nithi	Meru South	4EB	Nkumari- Mikuu Irrigation Water Project	C		7	7		270			48600		48600	Tungu River	2006/10/17
Tharaka-Nithi	Meru South	4EB	Kamukia Water Project	B		11	11		450			81000		81000	Kanduni Stream	2005/9/22
Tharaka-Nithi	Meru South	4EB	Gautini-Ngue Water Project	D		83	83		3,413			614250		614250	Ngune Stream	2003/10/24
Tharaka-Nithi	Meru South	4EB	Karamani Water Project	B		6	6		228			40950		40950	Mwirithie Stream	2010/6/29

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (45/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Tharaka-Nithi	Meru South	4EB	Gichucha Irrigation Water Project	B		3	3		136			24534		24534	Kurugucha	1999/12/3
Tharaka-Nithi	Meru South	4EB	Mungoni Irrigation Water Project	D		33	33		1,365			245700		245700	Tungu	2006/9/7
Tharaka-Nithi	Meru South	4EB	Mbwiru/Manjati Water Project	C		14	14		569			102384		102384	Tungu River	2009/11/12
Tharaka-Nithi	Tharaka	4EB	Mukui-Uri -Mbugi Water Assocaition	D		275	275		11,320			2037600		2037600	Ruguti River	2006/10/18
Tharaka-Nithi	Chuka	4EB	Kamwene Water Association	C		47	47		1,935			348300		348300	Nithi River	2010/6/29
Tharaka-Nithi	Meru South	4EB	Inamakithi Water Project	B		3	3		136			24552		24552	Mwirithe	2001/4/2
Tharaka-Nithi	Meru South	4EB	Kamuruata Water Project	C		13	13		537			96642		96642	Kauro Kanjogu	2002/11/22
Tharaka-Nithi	Meru South	4EB	Muthambi Farmers Co-operative Society Limited	B		0	0		20			3682		3682	Tungu	1976/3/31
Tharaka-Nithi	Meru South	4EB	Muriithi Chabari	B		1	1		23			4091		4091	Tungu	1978/11/22
Tharaka-Nithi	Meru South	4EB	Magundu Girls Secondary School	B		1	1		21			3762		3762	Tungu	1979/12/28
Tharaka-Nithi	Meru South	4EB	Thigaa- Sub Location Water Project	B		11	11		445			80136		80136	Kamara	1987/4/23
Tharaka-Nithi	Meru South	4EB	Mutindwa West East Water Project	C		25	25		1,045			188181		188181	South Mara	1981/5/22
Tharaka-Nithi	Meru South	4EB	4K Water Project	C		51	51		2,091			376380		376380	Mwithanga Stream	2002/10/22
Tharaka-Nithi	Meru South	4EB	Mbogoni Irrigation Project	C		55	55		2,250			405000		405000	Ruguti River	2009/12/7
Tharaka-Nithi	Meru South	4EB	Kirorerwa Self Help Group	B		3	3		124			22336		22336	Gakukuri Stream	1971/9/22
Tharaka-Nithi	Meru South	4EB	Makuri Water Project	C		44	44		1,800			324000		324000	Central Mara	2002/8/21
Tharaka-Nithi	Meru South	4EB	Nithi Area Council	C		5	5		205			36818		36818	Mwithanga	1985/10/8
Tharaka-Nithi	Meru South	4EB	Kibiga Water Project	B		4	4		171			30780		30780	GithuciTrib Of Thuchi River	2008/8/17
Tharaka-Nithi	Meru South	4EB	Mwithanga Water Pipeline	C		10	10		421			75816		75816	South Mara	2007/7/13
Tharaka-Nithi	Meru South	4EB	Mbugi Ntutumi Water Project	C		2	2		90			16200		16200	Kurugucha River	2008/4/9
Tharaka-Nithi	Meru South	4EB	Kiamujari Self Help Group	C		10	10		406			73103		73103	South Mara	2008/6/26
Tharaka-Nithi	Meru South	4EB	Kamacembe Self Help Group	B		7	7		303			54540		54540	Middle Mara	2009/2/20
Tharaka-Nithi	Meru South	4EB	Igamatundu Jasho Water Project	C		55	55		2,268			408240		408240	Thuchi	2010/5/14
Tharaka-Nithi	Meru South	4EB	Mutindwa West East Water Project	B		2	2		68			12276		12276	Kiamugati Stream	
Tharaka-Nithi	Meru South	4EB	Mwienderi Water Project	B		7	7		270			48600		48600	Thuci River	
Tharaka-Nithi	Meru South	4EB	Kathituni Water Association	B		0	0		20			3677		3677	Tungu River	
Tharaka-Nithi	Meru South	4EB	Gantaraki Water Project	C		12	12		506			91125		91125	South Mara	
Tharaka-Nithi	Meru South	4EB	Chogoria/Thigaa Water Project	D		442	442		18,200			3276000		3276000	North Mara	
Tharaka-Nithi	Tharaka-Nithi	4EB	Mwonge Irrigation Water Project	C		44	44		1,800			324000		324000	Ruguti River	
Tharaka-Nithi	Meru South	4EB	Kithiru Self Help Water Project	C		9	9		360			64800		64800	Kamara	
Tharaka-Nithi	Meru South	4EB	Thuita Location Irrigation Water Project	C		55	55		2,250			405000		405000	Ruguti	
Tharaka-Nithi	Meru South	4EB	Kamwangu Irrigation Scheme	C		43	43		1,764			317520		317520	South Mara	
Tharaka-Nithi	Meru South	4EC	Kiamurigi Water Assocaition	B		1	1		21			3764		3764	Kamurigi Stream	1987/3/10
Tharaka-Nithi	Meru South	4EE	Rwanchege /Kyeni Water Project	C		44	44		1,800			324000		324000	South Mara	2005/2/10
Tharaka-Nithi	Tharaka	4F	Tharaka Secondary School	B		2	2		100			17993		17993	Kazita	2006/12/6
Tharaka-Nithi	Tharaka	4F	Sisi Kwa Sisi Irrigation Project	C		18	18		760			136800		136800	Thanatu River	2005/10/21
Tharaka-Nithi	Tharaka	4F	Mayirani Water Project	D		378	378		15,554			2799648		2799648	Kathita River	2005/10/21
Tharaka-Nithi	Tharaka	4F	Turima Tweru Irrigation Project	C		21	21		860			154800		154800	Thanatu River	2005/10/21
Tharaka-Nithi	Meru South	4F	Mukami Water Project	D		136	136		5,603			1008450		1008450	Mutonga River	2008/6/4
Tharaka-Nithi	Meru North	4F	Gakuu Water Project	B		4	4		180			32400		32400	Kiithiu Stream	2005/7/20
Tharaka-Nithi	Meru South	4F	Ruungu Korocho Water Project	C		36	36		1,490			268200		268200	Thingithu	2004/6/23

Table 9.7 TCA Inventory of Existing Privte/Indulstrial Farms (46/46)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)		
Tharaka-Nithi	Meru South	4F	Tharaka Water Assocaition	B		0	0		18			3271		3271	Thagara Stream	1981/5/29
Tharaka-Nithi	Meru South	4F	Njuthine No.3 Water Association	B		3	3		103			18572		18572	Mariara	1973/6/20
Tharaka-Nithi	Meru South	4F	Kanthungu Water Association	B		5	5		205			36818		36818	Kanthungu	1971/11/17
Tharaka-Nithi	Meru South	4F	Julius M'itine & T. Ramare	B		0	0		20			3681		3681	Thagara Stream	1974/7/17
Tharaka-Nithi	Tharaka	4F	Kinyingiri Irrigation Project	B		5	5		206			37080		37080	Kathita River	2007/2/12
Tharaka-Nithi	Tharaka	4F	Rwatha Karethiani Water Project	B		5	5		195			35100		35100	Thanatu River	
Tharaka-Nithi	Tharaka	4F	Maka Self Help Water Project	D		88	88		3,640			655200		655200	Thanantu	
Tharaka-Nithi	Tharaka	4FA	Tharaka Vocational Development	D		61	61		2,500			450000		450000	Thanantu River	2010/3/18
Thika	Thika	4BC	Thika Sports Club	B		0	0		18			3276		3276	Thika River	2006/5/20
Total							365							2706849		

Source: WARMA, December 2010

Note: Category Description (From Part B Fifth Schedule WRM Rules, 2007)

A Water use activity deemed by virtue of its scale to have a low risk of impacting the water resource. Applications in this category will be determined by Regional Offices.

B Water use activity deemed by virtue of its scale to have the potential to make a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices.

C Water use activity deemed by virtue of its scale to have a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices after consideration by the Catchment Area Advisory Committees.

D Water use activity which involves either two different catchment areas, or is of a large scale or complexity and which is deemed by virtue of its scale to have a measurable impact on the water

Table 9.8 ENNCA Inventory of Existing Privte/Indulstrial Farms (1/3)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)			
Isiolo	Isiolo	5D	Maisha Bora	C	50		50		1345.45						Isiolo	Horticulture	
Isiolo	Isiolo	5D	Oldonyiro Catholic Mission	D	96		96		2665.556						Ewasonyiro	Horticulture	
Isiolo	Isiolo	5E	Meriti Irrigation Project	C	123		123		2767						Ewasonyiro	Horticulture	
Laikipia	Laikipia	5 B.E	S.M. Amin	C	1		1		604.368						Sirimon	Horticulture	
Laikipia	Laikipia	5AA	Joseph W. Igoko	C	4		4		90.9						Trb.of Narok river	Horticulture	
Laikipia	Laikipia	5AB	Ephantus M.Mwaura	B	2		2		20						Naromoru	Fodder	
Laikipia	Laikipia	5AB	J.E Ryche (Kieni East Farmers)	A	1		1		27						Pesi River	Horticulture	
Laikipia	Laikipia	5AB	Joel M. Mundia	C	24		24		600						Uaso Nyiro	Horticulture	
Laikipia	Laikipia	5AC	Finafran Ltd.	A	0		0		13						Kiboroko Trib of Nchoro	Horticulture	
Laikipia	Laikipia	5AC	George G.Theuri	B	1		1		20						Kithima Trib of Isiolo	Horticulture	
Laikipia	Laikipia	5AC	KIbuku Estate Ltd.	C	20		20		1362.15						Isiolo	Fodder, maize	
Laikipia	Laikipia	5AC	Kisima Farm Ltd	C	26		26		3735.4						Ngare Nything	Horticulture	25/5/04
Laikipia	Laikipia	5AC	Lariak Karaba	C	4		4		1665						Uaso Narok	Horticulture	
Laikipia	Laikipia	5AC	Mugie Ranch Ltd	C	22		22		688.3						Ol Keju Lagaa	Horticulture	
Laikipia	Laikipia	5BB	Mweiga Plains	C	80		80		833						Uasonyiro	Horticulture	
Laikipia	Laikipia	5BB	Segera Ranch	C	1		1		909.09						Uaso ngiro	Fodder	
Laikipia	Laikipia	5BB	Tharua Farm	C	57		57		1603.8						Uwaso Nyiro	Horticulture	28/2/1938
Laikipia	Laikipia	5BC	Christopher W. Nderi	D	21		21		5469.96						Narumoru	Fodder	1991/11/27
Laikipia	Laikipia	5BC	Endana W. Project	C	22		22		911						Ewasongiro	Horticulture	
Laikipia	Laikipia	5BC	Ephraim M. Muriithi	C	2		2		3180						Pesi	Horticulture	
Laikipia	Laikipia	5BC	Lawrence M. Mwaniki	C	1		1		595.00						Burguert	Horticulture	
Laikipia	Laikipia	5BC	Matanya Weruini W/Ass.	D	52		52		1528.5						Narumoru	Horticulture	2/7/1957
Laikipia	Laikipia	5BC	Mihangi W. Project	C	10		10		2263.62						Ngobit	Horticulture	
Laikipia	Laikipia	5BC	Mwai's Ltd	C	5		5		105.6						Ngare Narok	Horticulture	
Laikipia	Laikipia	5BC	Segera Ltd.	C	33		33		1409.08						Ewaso Nyiro	Horticulture	16.10.1987
Laikipia	Laikipia	5BE	Col. T.C.C Lewin	C	80		80		4882.27						Likii	Fodder, maize	2/12/1957
Laikipia	Laikipia	5BE	David wambugu	C	46		46		1248.59						Teleswani		17/7/80
Laikipia	Laikipia	5BE	Gid-Joy Investment	C	50		50		1350						Naromoru	Horticulture	
Laikipia	Laikipia	5BE	Kenya Horticultural Exporters	C	32		32		1200						Ontulili	Horticulture	
Laikipia	Laikipia	5BE	Kenya Hort. Exporters	C	32		32		726						Ontulili	Horticulture	21/3/1990
Laikipia	Laikipia	5BE	Kongoni River Farm	C	44		44		1260						Kongoni river	Horticulture	
Laikipia	Laikipia	5BE	Major Anthony Charles	C	10		10		333.45						Ngare Ndare	Horticulture	12/9/2007
Laikipia	Laikipia	5BE	Mawingo	D	1		1		9902.22						Likii	Grass and flower	
Laikipia	Laikipia	5BE	Mount Kenya Game Ranch	C	37		37		1073.17						Likii	Pyrethrum	
Laikipia	Laikipia	5BE	Muramati Utheri S.H.Project	C	19		19		1544.65						Sirimon	Horticulture	
Laikipia	Laikipia	5BE	Nkando W/Project	C	33		33		900						Likii	Horticulture	
Laikipia	Laikipia	5BE	Nturukuma S. H. Project	D	40		40		5250						Ewaso Narok River	Horticulture	
Laikipia	Laikipia	5BE	Nyakumu W/P	D	40		40		1192.635						Timau	Horticulture	
Laikipia	Laikipia	5BE	Peter Daudi Mbogori	C	10		10		560.7						Longilandu	Horticulture	
Laikipia	Laikipia	5BE	Sweetwaters w/p	C	38		38		1040						Nanyuki	Horticulture	28/3/1938
Laikipia	Laikipia	5D	Kisima Farm	C	0		0		2246.4						Ewaso Narok River	Horticulture	
Laikipia	Laikipia	5D	Kisima Farm	C	23		23		2246.4						Uaso Narok	Horticulture	21/2/2006
Laikipia	Laikipia	5D	Kisima Farm	C	53		53		1450						Ngare Ndare	Horticulture	
Laikipia	Laikipia	5D	Lewa Downs	D	92		92		2488.5						Ewaso Nyiro	Horticulture	
Laikipia	Laikipia	5D	Melau Enayien S.H. W/P	C	15		15		677						Etusi trib. Ngare Ndare	Horticulture	
Laikipia	Laikipia	5AC	Thome Turukana SH W/P	C	10		10		622						Dam	Horticulture	

Table 9.8 ENNCA Inventory of Existing Privte/Indulstrial Farms (2/3)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)			
LAIKPIA	Laikipia	5BC	Nyambugishi	D	77		77		53371						Ngobit	Horticulture	
Laikipia	Laikipia	5BE	Kangaita Farmers Co.	C	2		2		529.06						Sirimon	Horticulture	
Laikipia	Laikipia	5BE	Kiangoru S/H	C	12		12		636.14						Mutara	Horticulture	22/7/05
Laikipia	Laikipia	5BE	MIA MOJA	D			0		12694.5						Teleswani	Horticulture	26/11/1969
Laikipia	Laikipia	5BE	Mia Moja W/ Ass.	C	93		93		2788.73						Sirimon	Horticulture	
Laikipia	Laikipia	5BE	Mukima/ J.K. Mugambi	C	86		86		2455.65						Ontulili	Horticulture	5/3/1999
Laikipia	Laikipia	5BE	Ngwataniro F. Group	C	27		27		627.45						Burguret	Horticulture	
Laikipia	Laikipia	5BE	Peter M. mahindu	C	4		4		134.407						Siriomon	Horticulture	22/11/78
Meru	Meru	5BC	Kianjuri Dam Water	D	277		277		159.386						Ruguthu	Horticulture	12/1/1993
MERU	Meru	5BE	Felix Mbogori M'Nkanatha	A	0		0		2295						Uaso Narol	Horticulture	25/10/83
Meru	Meru	5BE	Home Grown Ltd.	C	92		92		2485						Dam	cut-flowers	
Meru	Meru	5BE	Magiri M'Ringera	B	1		1		909						Timau	Horticulture	
Meru	Meru	5BE	Charles M.Muthiga	C	6		6		545						Timau	Horticulture	
Meru	Meru	5D	Kararumo W / ASS	C	10		10		2365.65						Kangangi Furrow Ruguthu	Horticulture	
Meru	Meru	5D	Kathima Ka M'itiri w/ass.	C	15		15		528.585						Liliaba river	Horticulture	
Meru	Meru	5D	Kisima Farm	C	1		1		2475.79						Ngarenthyan River	Horticulture	
Meru	Meru	5D	Marania Ltd.	C	20		20		1000						Naromoru	Horticulture	
Meru	Meru	5D	Mutunyi W/ASS	C	9		9		3072.02						Kithima Trib of Ruguthu	Horticulture	
Meru	Meru	5D	Beale Farm Lewa dam	D	80		80		1800						Ngare Ndare	Maize	
Meru	Meru	5D	Kathangara w/ass.	D	72		72		1825.65						Ruguthu	Horticulture	
Meru	Meru	5BE	Siraji Farm Ltd	C	88		88		2400						Kongoni Trib. Of Timau river	Horticulture	10/3/2005
Meru	Meru	5BE	Mutimayu Co. Ltd.	C	22		22		626.11						Likii North stream	Horticulture	21.9.04
Meru	Meru Central	5BE	Siraji Ltd.	C	25		25		717.88						Sirimon	Cut-flowers	
Meru	Meru Central	5BC	Kithithina Umoja W/P	C	43		43		2161						Kongoni	Horticulture	
Meru	Meru Central	5BE	Kang'au SH W/P	C	9		9		2893						Oraimutha	Horticulture	
Meru	Meru Central	5BE	Mutimayu Co. Ltd.	C	22		22		604.8						Likii river	Horticulture	
Meru	Meru Central	5BE	Wangu Investment	C	16		16		522						Ngare Ndare	Horticulture	26/1/1992
Meru	Meru Central	5D	Mwimenyo W/Ass.	C	5		5		2019.6						Ngarenthyan River	Horticulture	1/7/2008
Meru	Meru Central	5BE	Kisima Farm Ltd.	C	34		34		908						Ngare Nthying river	Horticulture	
Meru	Meru	5BE	Muguna W/Ass.	C	61		61		540.0013						Tri. of Isiolo River	Horticulture	
Meru	Meru Central	5BC	Diocese of Meru(Timau)	C	8		8		918.45						Uasonarok	Vegetables	
Meru	Meru Central	5BE	Homegrown (k) Ltd	C	16		16		1647						Nanyuki	Horticulture	
Meru	Meru Central	5BE	Kiranga Water Ass.	C	30		30		950.935						Ngobit	Horticulture	
Meru	Meru Central	5BE	Milimani Water Project	C	13		13		600						Gakirikiri trib. Of Timau	Horticulture	8/9/1993
Meru	Meru Central	5BE	Miamoja water association	D	92		92		21788.73						Teleswani	Horticulture	2/1/1992
Meru	Meru Central	5BE	Muguna Water Project	D	34		34		306116						Tharantandi Trib of Timau	Horticulture	
Meru	Meru Central	5BE	Nkando Farmers	C	2		2		1257.2						Likii	Nursery	
Meru	Meru Central	5BE	Sirimon Water Project	C	5		5		1479.36						Sirimon	Horticulture	27/8/1969
Meru	Meru Central	5D	Fredrick M' Magiri	B	3		3		3192.74						Suguroi	Horticulture	
Meru	Meru Central	5D	Kiguru W/P	C	20		20		589.54						Timau	Horticulture	
Meru	Meru Central	5D	Siraji Limited Home grown	C	66		66		1826.7						Timau	Cut-flowers	21/4/2009
Meru	Meru North	5D	Kanoo Mula w/p	C	234		234		882						Ruguthu	Horticulture	
Nyandarua	Nyandarua	5AA	H. Reteif	C	20		20		515.25						Ibis Tri. Of Ontulili	Horticulture	23/3/01
Nyandarua	Nyandarua	5AA	Mahianyo Small H. Irr.scheme	C	144		144		4,060						Ewaso Narok River	Horticulture	23/2/1993
Nyandarua	Nyandarua	5AD	Munanda S.H Project	C	28		28		759.5						Mutara	Horticulture	
Nyeri	Nyeri	5BB	Endarasha S.H W/P	C	90		90		2445						Kamigogo	Horticulture	

Table 9.8 ENNCA Inventory of Existing Privte/Indulstrial Farms (3/3)

County	District	Sub-basin	Water User / Name of farm	Cate-gory	Irrigation Area (ha)			Amount permitted			For estimate of irrigation area				Water source	Main crop irrigated	Year permit granted
					Specified in WP* (ha)	Estimated by Unit Req. (ha)	Applied for the Study (ha)	Dry season (m^3/day)	Wet season (m^3/day)	Other (m^3/day)	Dry S (120 days) (1000 m^3/ season)	Wet S 120 days (1000 m^3/ season)	Other (1000 m^3/ season)	Total 1000 m^3/ year)			
Nyeri	Nyeri	5BB	John K. Kagotho	B	2		2		36						Uaso Nyiro	Horticulture	
Nyeri	Nyeri	5BB	Rurichu S.H. Water Project	C	207		207		5607						Uaso Nyiro	Horticulture	
Nyeri	Nyeri	5BB	Muthu- Ini Water Project	C	50		50		1190.925						Zuka Zuka	Horticulture	21/9/2004
Nyeri	Nyeri	5BC	Gatune S.H. W/P	C	20		20		477						Burguret	Horticulture	
Nyeri	Nyeri	5BC	Gitwe W/P	C	22		22		585						Karangoni	Horticulture	
Nyeri	Nyeri	5BC	Kamangura Water Project	C	115		115		1335						Ontulili	Horticulture	15/5/1967
Nyeri	Nyeri	5BC	Muraguri Macharia	B	2		2		63						Burguret	Horticulture	
Nyeri	Nyeri	5BC	Mwichwiri/ Gatero /W/P	C	20		20		3118.181						Narumoru	Horticulture	
Nyeri	Nyeri	5BC	Njoguini W. ASS.	C	348		348		1922.721						Trib. Of Burguret	Horticulture	
Nyeri	Nyeri	5BC	Aguthi Ranching	C	83		83		2454.544						Naromoru	Horticulture	
Nyeri	Nyeri	5BC	Burguret Water Project	D	250		250		7785.9						Burguret	Horticulture	
Nyeri	Nyeri	5BC	Tambuzi Ltd	C	44		44		1200						Burguret	Cut-flowers	15/4/2008
Nyeri	Nyeri	5BC	Tambuzi Ltd	C	43		43		1200						Burguret	Cut-flowers	15/6/1993
Nyeri	Nyeri	5BC	Tim Hobbs Burguret Dev. Co. Ltd	C	10		10		1870						Burguret	Horticulture	
Nyeri	Nyeri	5BC	Timothy B. Hobbs	C	22		22		191.81						Tipito springs	Flowers, veg	
Nyeri	Nyeri	5BE	Huku Water Project	C	42		42		1125						Muruku River (Dam)	Horticulture	
Nyeri	Nyeri	5BE	Kaaga S.H.W/P	D	346		346		8134.3						Nanyuki	Horticulture	
Nyeri	Timau	5BE	Home Grown Ltd.	C	192		192		5194.9044						Kongoni	Cut-flowers	10/3/2005
Total							1,517							0			

Source: WARMA, December 2010

Note: Category Description (From Part B Fifth Schedule WRM Rules, 2007)

A Water use activity deemed by virtue of its scale to have a low risk of impacting the water resource. Applications in this category will be determined by Regional Offices.

B Water use activity deemed by virtue of its scale to have the potential to make a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices.

C Water use activity deemed by virtue of its scale to have a significant impact on the water resource. Permit applications in this category will be determined by Regional Offices after consideration by the Catchment Area Advisory Committees.

D Water use activity which involves either two different catchment areas, or is of a large scale or complexity and which is deemed by virtue of its scale to have a measurable impact

Part C
Subletting Works

SUBLETTING WORKS

The following works shown in the table below were carried out by subletting to national consultants and contractor in order to obtain basic data and information to grasp the present conditions of the water sector for development of the National Water Master Plan 2030. All the works were carried out under supervision and assistance by the JICA Study Team.

This Databook Part C contains the outputs of the subletting works in the form of DVD. The hardcopies of those outputs were submitted to WRMA Headquarter on November 28, 2012.

List of DVDs for Subletting Works

DVD No.	Work Name	Output
1	River Cross Section Survey along the Tana River (1)	• Final Report • Drawings
2	River Cross Section Survey along the Tana River (2)	• Final Report • Drawings
3	Water Use Survey	• Final Report • Attachments
4	Groundwater Survey	• Final Report • Data Sheet
5	Flood and Drought Damage Survey	• Final Report • Survey Sheet
6	Rehabilitation of Manual Gauging Stations	• Final Report • Drawings
7	Assistance for Pilot Activity on Catchment Forum	Phase I • Final Report • Catchment Forum (I) Report Phase II • Final Report • 3 kinds of Manuals

The outlines of the subletting works are briefed below.

1. River Cross Section Survey along the Tana River (1)

This work was subletted to Mapsurveys (K) Ltd. and conducted at 41 river cross section sites with around 500 m interval for the upstream reaches of 20 km from Garissa bridge of Garissa town along the Tana River from December 2010 to May 2011. The work included the following:

a) Ground control survey,

b) Positioning and levelling works,

c) River cross section survey for the Tana River, and

d) Preparation of work outputs.

2. River Cross Section Survey along the Tana River (2)

This work was subletted to Photomap (Kenya) Ltd. and conducted at 60 river cross section sites with around 500 m interval for the downstream reaches of 30 km from Garissa bridge of Garissa town along the Tana River from December 2010 to May 2011. The work included the following:

a) Ground control survey,

b) Positioning and levelling works,

c) River cross section survey for the Tana River, and

d) Preparation of work outputs.

3. Water Use Survey

This work was subletted to Panafcon Ltd. and conducted to grasp the current status of water use in the country for the purposes of projecting the future water demands and formulating the water resources development and management plans from December 2010 to June 2011. The work included the following:

a) Water use survey
   - Irrigation water use
   - Power generation water use
   - Domestic water use
   - Industrial water use

b) Water right/permit data collection and confirmation

c) Unit water requirement survey

4. Groundwater Survey

This work was subletted to Panafcon Ltd. and conducted to collect the information and data on groundwater for the purpose of evaluating current situation of groundwater from the aspects of quantity and quality from December 2010 to May 2011. The work was conducted with the following sequences:

a) Collection of Groundwater level monitoring data was collected from WRMA regional offices for 92 boreholes. (Daily or monthly water level monitoring data was collected depending on the availability of the data.)

b) In addition to above a), an inventory survey for the designated 207 existing boreholes were conducted to know the measured groundwater level, electrical conductivity 207 boreholes

d) Water sampling for the designated existing boreholes 20 boreholes

e) Water quality analysis 20 samples

5. Flood and Drought Damage Survey

This work was subletted to Otieno Odongo & Partners Consulting Engineers Ltd. and conducted to collect information on past flood damage, past drought damage, flood forecasting and warning system, and evacuation system in the area frequently affected by flood and drought, respectively from December 2010 to April 2011.

The work included the following:

a) Flood damage survey
Flood damage survey was conducted in the 16 areas indicated in "Flood Mitigation Strategy (June 2009, MWI)". The flood damage survey includes both surveys for central and local government organizations related to flood management and surveys for the sites frequently affected by flood.

b) Drought damage survey
Drought damage survey was conducted for the 68 districts known as the arid and semi-arid lands in five provinces. The drought damage survey was carried out by having interviews with the central and local government organizations related to drought management.

6. Rehabilitation of Manual Gauging Stations

This work was subletted to Sath Construction Ltd. and carried out for rehabilitation of the selected 24 manual gauging stations of WRMA listed below from December 2010 to December 2011.

The work included the following:

a) Installation and replacement of staff gauges at the selected manual gauging stations,

b) River cross section survey at the manual gauging stations,

c) Supply and erection of sign boards, and

d) Preparation of the work outputs.

List of Manual Gauging Stations Rehabilitated

No.	Region	Station ID	Name of Station	No.	Region	Station ID	Name of Station
1	LVS	1GB03	AINAMUTUA	13	ATHI	3F06	KIBWEZI SPRING
2	LVS	1HB05	AWACH SEME	14	ATHI	3F07	KIBOKO
3	LVS	1HD09	AWACH KIBUON	15	ATHI	3AA04	MBAGATHI (O/Rongai)
4	LVS	1JD03	YURITH	16	ATHI	3G02	TSAVO
5	LVS	1KB01A	GUCHA	17	ATHI	3LA05	VOI
6	RVCA	2EB8	WASEGES	18	TANA	4BC05	RWAMUTHAMBI
7	LVS	1GG01	NAMUTING	19	TANA	4F09	URA
8	RVCA	2EA01	MAJI MATAMU	20	TANA	4DC03	RUPINGAZI
9	RVCA	2EC02	RONGAI	21	TANA	4F10	KAZITA
10	RVCA	2EE09	NAROSURA	22	TANA	4F17	THINGITHU
11	RVCA	2K10	EWASO NG'IRO	23	ENNCA	5DA07	ISIOLO
12	ATHI	3AA06	MBAGATHI (Athi river)	24	ENNCA	5BD02	SUGUROI

Source: JICA Study Team

7. Assistance for Pilot Activity on Catchment Forum

This work was subletted to Norken (I) Ltd. and carried out to assist an establishment of the Catchment Forum in the Tana Catchment Area for improvement of governance, and to identify and clarify issues in the catchment management through the operation of the Forum. The Forum took a major role in the catchment management. The Forum intended to provide opportunities for discussion on issues and an overall strategic direction in the catchment management among the organizations concerned

and stakeholders. This work was conducted in Phase I from December 2010 to July 2011and Phase II from June 2012 to November 2012.

The work included the following:

Work in Phase I:

a) Awareness Activities for Establishment of Catchment Forum
The Catchment Forum should be established by WRMA Tana Regional Office (WRMA-Tana). The awareness activities for the necessity of the Forum were provided to WRMA-Tana. In addition, the awareness activities were provided to the communities who are locally based in the Tana River basin or involved in catchment management in the Tana River basin by conducting community meetings.

b) Assistance for Establishment of Catchment Forum
In order to establish the Forum, the following assistance activities were conducted.

- Selection of forum members,
- Preparation of draft bylaws for the forum, and
- Public relations for establishment of forum.

c) Assistance for Operation of Catchment Forum
The Catchment Forum was held on March 17, 2011 at Thika and on June 2, 2011 at Kitui. The issues on the catchment management were identified through the operation of the Forum and improvement plans from the viewpoints of law, regulation, institution, organization, etc. related to the water resources management were proposed. Based on the results of the Forum held, the activities and methods for sustainable operation of the Forum were proposed.

Work in Phase II:

a) Assistance for Operation of Catchment Forum
The Catchment Forum was held on July 18, 2012 at Nyeri. The Forum intended to play a major role in the catchment management through promoting exchange of information, experiences and perspectives among the stakeholders with the ultimate goal of advising WRMA on strategic direction in improving catchment management and conflict resolutions.

The Forum was meant to specifically:

- Serve as a stakeholder mobilization tool for discussing, sharing of ideas and experiences in water catchment management issues,
- Discuss issues that affect the whole catchment, and
- Showcase and transfer Best Practices between the WRUAs.

b) Assistance for Strengthening Hydro-meteorological Information management

In order to strengthen the hydro-meteorological information management of WRMA-Tana, the following activities were carried out.

- Discussion on the issues related to operation and maintenance of river flow gauging stations, and
- Preparation of a manual to provide a description of standardized hydro-meteorological information management procedures including hydro-meteorological network design, stream gauging, discharge measurement and computation, data collection, processing and dissemination.

c) Assistance for Improvement of Water Permit Database Management

In order to improve the Water Permit Database Management, the following activities were carried out.

- Discussion on the issues related to water permit database management at WRMA Tana, and
- Preparation of a manual that outlines procedures for applying for a permit at WRMA

d) Assistance for Improvement of Flood and Drought Disaster Management

In order to improve the Flood and Drought Disaster Management, the following activities were carried out.

- Discussion on the issues related to flood and drought disaster management at WRMA Tana, and
- Preparation of a manual that provides guidelines for clear demarcation of roles and responsibilities of WRMA in flood and drought disaster information management.