


JAPAN INTERNATIONAL CO-OPERATION AGENCY
INTERNATIONAL ECONOMIC CO-OPERATION BOARD
DEPARTMENT OF ECONOMIC CO-OPERATION AND DEVELOPMENT
UNITED NATIONS CONFERENCE ON TRADE AND EMPLOYMENT

MANAGERIAL BEHAVIOR STUDY
ON
WATER RESOURCES MANAGEMENT
IN
INDONESIA

FINAL REPORT

VOLUME IV
DATA BOOK

AUGUST 1976

JICA LIBRARY

1146281 (9)

INTERNATIONAL CO-OPERATION BOARD, TOKYO, JAPAN

INTERNATIONAL CO-OPERATION BOARD, TOKYO, JAPAN

S S S
J R
S S S

JAPAN INTERNATIONAL COOPERATION AGENCY
NATIONAL WATER RESOURCES BOARD
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
THE GOVERNMENT OF THE REPUBLIC OF THE PHILIPPINES

MASTER PLAN STUDY
ON
WATER RESOURCES MANAGEMENT
IN
THE REPUBLIC OF THE PHILIPPINES

FINAL REPORT

VOLUME IV
DATA BOOK

AUGUST 1998

NIPPON KOEI CO., LTD., TOKYO, JAPAN
NIPPON JOGESUIDO SEKKEI CO., LTD., TOKYO, JAPAN

Composition of the Final Report

Volume I : Executive Summary

Volume II : Main Report

Volume III-1 :Supporting Report

Part -- A : Socio-Economy

Part -- B : Hydrology

Part -- C : Groundwater Resources

Part -- D : Dam and Related Facility Engineering

Volume III-2 :Supporting Report

Part -- E : Municipal and Industrial Water Demand

Part -- F : Agricultural Water Demand

Part -- G : Groundwater Resources Development Planning

Volume III-3 :Supporting Report

Part -- H : Surface Water Resources Planning

Part -- I : Environmental Study

Part -- J : Institutional Framework for Water Resources Management

Part -- K : Database

Part -- L : Workshop Using Project Cycle Management (PCM)

Part -- M : Water Demand by Administrative Region

Volume IV : Data Book



1146281 {9}

DATA BOOK

- I RAINFALL DATA
- II STREAMFLOW DATA
- III IRRIGATION DATA
- IV GROUNDWATER DATA
- V DAM DATA

DATA BOOK

I. RAINFALL DATA

I. RAINFALL DATA

TABLE OF CONTENTS

	Page
1. Information of Rainfall Gauging Station	I-1
2. Monthly Rainfall Data.....	I-35

RAINFALL DATA

1. INFORMATION OF RAINFALL GAUGING STATION

- No.	1	- Location	SYNOPTIC NO.446
- Data Owner	4	- Town	VIRAC SYNOP
- Station ID	SY0446	- Province	CATANDUANES
- Latitude	N 13° 30' 0"	- Longitude	E 124° 24' 0"
- Elevation	40.0 m	- Water Resources Region	5

- Period of Data Records	1961 ~ 1995	- Latest Update	12/22/97
--------------------------	-------------	-----------------	----------

- No.	2	- Location	SYNOPTIC NO.447
- Data Owner	4	- Town	VIRAC RADAR
- Station ID	SY0447	- Province	CATANDUANES
- Latitude	N 13° 54' 0"	- Longitude	E 124° 54' 0"
- Elevation	m	- Water Resources Region	5

- Period of Data Records	1968 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	3	- Location	SYNOPTIC NO.526
- Data Owner	4	- Town	CORON
- Station ID	SY0526	- Province	PALAWAN
- Latitude	N 12° 0' 0"	- Longitude	E 120° 12' 0"
- Elevation	14.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	4	- Location	SYNOPTIC NO.531
- Data Owner	4	- Town	SAN JOSE
- Station ID	SY0531	- Province	OCCIDENTAL MINDORO
- Latitude	N 12° 6' 0"	- Longitude	E 121° 12' 0"
- Elevation	3.0 m	- Water Resources Region	4

- Period of Data Records	1981 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	5	- Location	SYNOPTIC NO.536
- Data Owner	4	- Town	ROMBLON
- Station ID	SY0536	- Province	ROMBLON
- Latitude	N 12° 30' 0"	- Longitude	E 122° 36' 0"
- Elevation	47.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	6	- Location	SYNOPTIC NO.538
- Data Owner	4	- Town	ROXAS CITY
- Station ID	SY0538	- Province	AKLAN
- Latitude	N 11° 30' 0"	- Longitude	E 122° 30' 0"
- Elevation	4.0 m	- Water Resources Region	6

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	7	- Location	SYNOPTIC NO.543
- Data Owner	4	- Town	MASBATE
- Station ID	SY0543	- Province	MASBATE
- Latitude	N 12° 12' 0"	- Longitude	E 123° 42' 0"
- Elevation	6.0 m	- Water Resources Region	5

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	8	- Location	SYNOPTIC NO.546
- Data Owner	4	- Town	CATARMAN
- Station ID	SY0546	- Province	NORTHERN SAMAR
- Latitude	N 12° 54' 0"	- Longitude	E 124° 48' 0"
- Elevation	50.0 m	- Water Resources Region	8

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	9	- Location	SYNOPTIC NO.548
- Data Owner	4	- Town	CATBALOGAN
- Station ID	SY0548	- Province	WESTERN SAMAR
- Latitude	N 11° 42' 0"	- Longitude	E 124° 18' 0"
- Elevation	5.0 m	- Water Resources Region	8

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	10	- Location	SYNOPTIC NO.550
- Data Owner	4	- Town	TACLOBAN CITY
- Station ID	SY0550	- Province	LEYTE
- Latitude	N 11° 24' 0"	- Longitude	E 125° 12' 0"
- Elevation	3.0 m	- Water Resources Region	8

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	11	- Location	SYNOPTIC NO.618
- Data Owner	4	- Town	PUERTO PRINCESA
- Station ID	SY0618	- Province	PALAWAN
- Latitude	N 9° 30' 0"	- Longitude	E 118° 24' 0"
- Elevation	16.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	12	- Location	SYNOPTIC NO.630
- Data Owner	4	- Town	CUYO
- Station ID	SY0630	- Province	PALAWAN
- Latitude	N 10° 6' 0"	- Longitude	E 121° 12' 0"
- Elevation	4.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	13	- Location	SYNOPTIC NO.637
- Data Owner	4	- Town	ILOILO CITY
- Station ID	SY0637	- Province	ILOILO
- Latitude	N 10° 12' 0"	- Longitude	E 122° 24' 0"
- Elevation	8.0 m	- Water Resources Region	6

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	14	- Location	SYNOPTIC NO.642
- Data Owner	4	- Town	DUMAGUETE CITY
- Station ID	SY0642	- Province	NEGROS ORIENTAL
- Latitude	N 9° 48' 0"	- Longitude	E 123° 48' 0"
- Elevation	8.0 m	- Water Resources Region	7

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	15	- Location	SYNOPTIC NO.644
- Data Owner	4	- Town	TAGBILARAN CITY
- Station ID	SY0644	- Province	BOHOL
- Latitude	N 9° 48' 0"	- Longitude	E 123° 12' 0"
- Elevation	6.0 m	- Water Resources Region	7

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	16	- Location	SYNOPTIC NO.646
- Data Owner	4	- Town	MACTAN INT'L AIRPORT
- Station ID	SY0646	- Province	CEBU
- Latitude	N 10° 48' 0"	- Longitude	E 123° 48' 0"
- Elevation	12.8 m	- Water Resources Region	7

- Period of Data Records	1971 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	17	- Location	SYNOPTIC NO.648
- Data Owner	4	- Town	MAASIN
- Station ID	SY0648	- Province	SOUTHERN LEYTE
- Latitude	N 10° 48' 0"	- Longitude	E 124° 0' 0"
- Elevation	71.8 m	- Water Resources Region	8

- Period of Data Records	1971 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	18	- Location	SYNOPTIC NO.653
- Data Owner	4	- Town	SURIGAO
- Station ID	SY0653	- Province	SURIGAO DEL NORTE
- Latitude	N 9° 48' 0"	- Longitude	E 125° 0' 0"
- Elevation	39.0 m	- Water Resources Region	10

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	19	- Location	SYNOPTIC NO.741
- Data Owner	4	- Town	DIPOLOG
- Station ID	SY0741	- Province	ZAMBOANGA DEL NORTE
- Latitude	N 8° 36' 0"	- Longitude	E 123° 6' 0"
- Elevation	4.0 m	- Water Resources Region	9

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	20	- Location	SYNOPTIC NO.747
- Data Owner	4	- Town	LUMBIA AIRPOT
- Station ID	SY0747	- Province	MISAMIS ORIENTAL
- Latitude	N 8° 36' 0"	- Longitude	E 124° 42' 0"
- Elevation	m	- Water Resources Region	10

- Period of Data Records	1977 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	21	- Location	SYNOPTIC NO.748
- Data Owner	4	- Town	CAGAYAN DE ORO
- Station ID	SY0748	- Province	MISAMIS ORIENTAL
- Latitude	N 8° 54' 0"	- Longitude	E 124° 48' 0"
- Elevation	6.0 m	- Water Resources Region	10

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	22	- Location	SYNOPTIC NO.751
- Data Owner	4	- Town	MALAYBALAY
- Station ID	SY0751	- Province	BUKIDNON
- Latitude	N 8° 54' 0"	- Longitude	E 125° 30' 0"
- Elevation	m	- Water Resources Region	10

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	23	- Location	SYNOPTIC NO.752
- Data Owner	4	- Town	BUTUAN CITY
- Station ID	SY0752	- Province	AGUSAN DEL NORTE
- Latitude	N 8° 36' 0"	- Longitude	E 125° 6' 0"
- Elevation	18.0 m	- Water Resources Region	10

- Period of Data Records	1981 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	24	- Location	SYNOPTIC NO.753
- Data Owner	4	- Town	DAVAO CITY
- Station ID	SY0753	- Province	DAVAO DEL SUR
- Latitude	N 7° 42' 0"	- Longitude	E 125° 54' 0"
- Elevation	18.0 m	- Water Resources Region	11

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	25	- Location	SYNOPTIC NO.755
- Data Owner	4	- Town	HINATUAN
- Station ID	SY0755	- Province	SURIGAO DEL SUR
- Latitude	N 8° 12' 0"	- Longitude	E 126° 0' 0"
- Elevation	3.0 m	- Water Resources Region	11

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	26	- Location	SYNOPTIC NO.836
- Data Owner	4	- Town	ZAMBOANGA CITY
- Station ID	SY0836	- Province	ZAMBOANGA DEL SUR
- Latitude	N 6° 24' 0"	- Longitude	E 122° 24' 0"
- Elevation	6.0 m	- Water Resources Region	9

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	27	- Location	SYNOPTIC NO.851
- Data Owner	4	- Town	GENERAL SANTOS
- Station ID	SY0851	- Province	SOUTH COTABATO
- Latitude	N 6° 42' 0"	- Longitude	E 125° 6' 0"
- Elevation	15.0 m	- Water Resources Region	11

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	28	- Location	SYNOPTIC NO.135
- Data Owner	4	- Town	BASCO
- Station ID	SY0135	- Province	BATANES
- Latitude	N 20° 42' 0"	- Longitude	E 121° 48' 0"
- Elevation	11.0 m	- Water Resources Region	2

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	29	- Location	SYNOPTIC NO.222
- Data Owner	4	- Town	VIGAN
- Station ID	SY0222	- Province	ILOCOS SUR
- Latitude	N 17° 24' 0"	- Longitude	E 120° 18' 0"
- Elevation	33.0 m	- Water Resources Region	1

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	30	- Location	SYNOPTIC NO.223
- Data Owner	4	- Town	LAOAG CITY
- Station ID	SY0223	- Province	ILOCOS NORTE
- Latitude	N 18° 6' 0"	- Longitude	E 120° 12' 0"
- Elevation	5.0 m	- Water Resources Region	1

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	31	- Location	SYNOPTIC NO.232
- Data Owner	4	- Town	APARRI
- Station ID	SY0232	- Province	CAGAYAN
- Latitude	N 18° 12' 0"	- Longitude	E 121° 48' 0"
- Elevation	3.0 m	- Water Resources Region	2

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	32	- Location	SYNOPTIC NO.324
- Data Owner	4	- Town	IBA
- Station ID	SY0324	- Province	ZAMBALES
- Latitude	N 15° 0' 0"	- Longitude	E 119° 48' 0"
- Elevation	4.7 m	- Water Resources Region	3

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	33	- Location	SYNOPTIC NO.325
- Data Owner	4	- Town	DAGUPAN CITY
- Station ID	SY0325	- Province	PANGASINAN
- Latitude	N 16° 18' 0"	- Longitude	E 120° 0' 0"
- Elevation	2.0 m	- Water Resources Region	3

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	34	- Location	SYNOPTIC NO.328
- Data Owner	4	- Town	BAGUIO CITY
- Station ID	SY0328	- Province	BENGUET
- Latitude	N 16° 30' 0"	- Longitude	E 120° 36' 0"
- Elevation	m	- Water Resources Region	1

- Period of Data Records	1961 ~ 1995	- Latest Update	9/11/97
--------------------------	-------------	-----------------	---------

- No.	35	- Location	SYNOPTIC NO.330
- Data Owner	4	- Town	CABANATUAN
- Station ID	SY0330	- Province	NUEVA ECJA
- Latitude	N 15° 54' 0"	- Longitude	E 120° 48' 0"
- Elevation	32.0 m	- Water Resources Region	3

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	36	- Location	SYNOPTIC NO.333
- Data Owner	4	- Town	BALER
- Station ID	SY0333	- Province	QUEZON
- Latitude	N 15° 36' 0"	- Longitude	E 121° 24' 0"
- Elevation	6.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- LatestUpdate	
--------------------------	-------------	----------------	--

- No.	37	- Location	SYNOPTIC NO.336
- Data Owner	4	- Town	CASIGURAN
- Station ID	SY0336	- Province	QUEZON
- Latitude	N 16° 42' 0"	- Longitude	E 122° 42' 0"
- Elevation	4.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- LatestUpdate	
--------------------------	-------------	----------------	--

- No.	38	- Location	SYNOPTIC NO.425
- Data Owner	4	- Town	PORT AREA (MCO)
- Station ID	SY0425	- Province	MANILA
- Latitude	N 14° 30' 0"	- Longitude	E 120° 54' 0"
- Elevation	16.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- LatestUpdate	
--------------------------	-------------	----------------	--

- No.	39	- Location	SYNOPTIC NO.427
- Data Owner	4	- Town	TAYABAS
- Station ID	SY0427	- Province	QUEZON
- Latitude	N 14° 12' 0"	- Longitude	E 121° 30' 0"
- Elevation	m	- Water Resources Region	4

- Period of Data Records	1971 ~ 1995	- LatestUpdate	
--------------------------	-------------	----------------	--

- No.	40	- Location	SYNOPTIC NO.428
- Data Owner	4	- Town	SANGLEY POINT
- Station ID	SY0428	- Province	CAVITE
- Latitude	N 14° 0' 0"	- Longitude	E 120° 30' 0"
- Elevation	3.0 m	- Water Resources Region	4

- Period of Data Records	1971 ~ 1995	- LatestUpdate	
--------------------------	-------------	----------------	--

- No.	41	- Location	SYNOPTIC NO.429
- Data Owner	4	- Town	NALA (MA)
- Station ID	SY0429	- Province	PASAY CITY
- Latitude	N 14° 6' 0"	- Longitude	E 121° 6' 0"
- Elevation	21.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	42	- Location	SYNOPTIC NO.430
- Data Owner	4	- Town	SCIENCE GARDEN
- Station ID	SY0430	- Province	QUEZON CITY
- Latitude	N 14° 54' 0"	- Longitude	E 121° 18' 0"
- Elevation	43.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	43	- Location	SYNOPTIC NO.431
- Data Owner	4	- Town	CALAPAN
- Station ID	SY0431	- Province	ORIENTAL MINDORO
- Latitude	N 13° 30' 0"	- Longitude	E 121° 6' 0"
- Elevation	40.5 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	44	- Location	SYNOPTIC NO.432
- Data Owner	4	- Town	AMBULONG
- Station ID	SY0432	- Province	BATANGAS
- Latitude	N 14° 30' 0"	- Longitude	E 121° 18' 0"
- Elevation	10.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	45	- Location	SYNOPTIC NO.434
- Data Owner	4	- Town	INFANTA
- Station ID	SY0434	- Province	QUEZON
- Latitude	N 14° 30' 0"	- Longitude	E 121° 54' 0"
- Elevation	7.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	46	- Location	SYNOPTIC NO.435
- Data Owner	4	- Town	ALABAT
- Station ID	SY0435	- Province	QUEZON
- Latitude	N 14° 6' 0"	- Longitude	E 122° 6' 0"
- Elevation	5.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	47	- Location	SYNOPTIC NO.437
- Data Owner	4	- Town	SAN FRANCISCO
- Station ID	SY0437	- Province	QUEZON
- Latitude	N 13° 12' 0"	- Longitude	E 122° 6' 0"
- Elevation	45.0 m	- Water Resources Region	4

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	48	- Location	SYNOPTIC NO.440
- Data Owner	4	- Town	DAET
- Station ID	SY0440	- Province	CAMARINES NORTE
- Latitude	N 14° 42' 0"	- Longitude	E 122° 54' 0"
- Elevation	4.0 m	- Water Resources Region	5

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	49	- Location	SYNOPTIC NO.444
- Data Owner	4	- Town	LEGASPI CITY
- Station ID	SY0444	- Province	ALBAY
- Latitude	N 13° 48' 0"	- Longitude	E 123° 24' 0"
- Elevation	17.0 m	- Water Resources Region	5

- Period of Data Records	1961 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	50	- Location	AGUS 2 COMPOUND, PAIVAK
- Data Owner	2	- Town	SAGUIARAN
- Station ID	M0001	- Province	LANAO DEL NORTE
- Latitude	N 8° 2' 58"	- Longitude	E 124° 16' 0"
- Elevation	570.0 m	- Water Resources Region	12

- Period of Data Records	1990 ~ 1996	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	51	- Location	AIDON
- Data Owner	2	- Town	PANTAO RAGAT
- Station ID	M0002	- Province	LANAO DEL NORTE
- Latitude	N 8° 4' 0"	- Longitude	E 124° 12' 4"
- Elevation	520.0 m	- Water Resources Region	12

- Period of Data Records	1986 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	52	- Location	MC COMPOUND
- Data Owner	2	- Town	DIFUCALAN
- Station ID	M0003	- Province	ILIGAN
- Latitude	N 8° 11' 25"	- Longitude	E 124° 12' 13"
- Elevation	180.0 m	- Water Resources Region	12

- Period of Data Records	1964 ~ 1996	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	53	- Location	GANASSI
- Data Owner	2	- Town	
- Station ID	M0004	- Province	LANAO DEL SUR
- Latitude	N 7° 49' 46"	- Longitude	E 124° 5' 53"
- Elevation	710.0 m	- Water Resources Region	12

- Period of Data Records	1978 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	54	- Location	LUMBAC
- Data Owner	2	- Town	GANASSI
- Station ID	M0005	- Province	LANAO DEL SUR
- Latitude	N 7° 47' 51"	- Longitude	E 124° 6' 12"
- Elevation	900.0 m	- Water Resources Region	12

- Period of Data Records	1979 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	55	- Location	LUMBA-A
- Data Owner	2	- Town	BAYABAO
- Station ID	M0006	- Province	LANAO DEL SUR
- Latitude	N 7° 52' 4"	- Longitude	E 124° 22' 17"
- Elevation	720.0 m	- Water Resources Region	12

- Period of Data Records	1989 ~ 1993	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	56	- Location	LUMBATAN
- Data Owner	2	- Town	
- Station ID	M0007	- Province	LANAO DEL SUR
- Latitude	N 7° 47' 5"	- Longitude	E 124° 14' 40"
- Elevation	740.0 m	- Water Resources Region	12

- Period of Data Records	1974 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	57	- Location	MARANTAO
- Data Owner	2	- Town	
- Station ID	M0008	- Province	LANAO DEL SUR
- Latitude	N 7° 55' 25"	- Longitude	E 124° 12' 40"
- Elevation	740.0 m	- Water Resources Region	12

- Period of Data Records	1989 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	58	- Location	TARAKA
- Data Owner	2	- Town	
- Station ID	M0009	- Province	LANAO DEL SUR
- Latitude	N 7° 53' 29"	- Longitude	E 124° 20' 0"
- Elevation	705.0 m	- Water Resources Region	12

- Period of Data Records	1973 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	59	- Location	BAYLANAN
- Data Owner	2	- Town	TALAKAG
- Station ID	M0010	- Province	BUKIDNON
- Latitude	N 8° 4' 17"	- Longitude	E 124° 44' 40"
- Elevation	100.0 m	- Water Resources Region	10

- Period of Data Records	1992 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	60	- Location	CAPIHAN
- Data Owner	2	- Town	LIBONA
- Station ID	M0011	- Province	BUKIDNON
- Latitude	N 8° 14' 0"	- Longitude	E 124° 47' 59"
- Elevation	940.0 m	- Water Resources Region	10

- Period of Data Records	1992 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	61	- Location	DAGUBDUBAN
- Data Owner	2	- Town	TALAKAG
- Station ID	M0012	- Province	BUKIDNON
- Latitude	N 8° 6' 35"	- Longitude	E 124° 38' 30"
- Elevation	730.0 m	- Water Resources Region	10

- Period of Data Records	1987 ~ 1991	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	62	- Location	DAHONAN, ENDULANG
- Data Owner	2	- Town	TALAKAG
- Station ID	M0013	- Province	BUKIDNON
- Latitude	N 8° 4' 39"	- Longitude	E 124° 33' 0"
- Elevation	740.0 m	- Water Resources Region	10

- Period of Data Records	1994 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	63	- Location	DOMINOROG
- Data Owner	2	- Town	TALAKAG
- Station ID	M0014	- Province	BUKIDNON
- Latitude	N 7° 57' 44"	- Longitude	E 124° 35' 49"
- Elevation	1240.0 m	- Water Resources Region	10

- Period of Data Records	1992 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	64	- Location	KIBANSAG
- Data Owner	2	- Town	TALAKAG
- Station ID	M0015	- Province	BUKIDNON
- Latitude	N 8° 0' 45"	- Longitude	E 124° 39' 19"
- Elevation	1000.0 m	- Water Resources Region	10

- Period of Data Records	1992 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	65	- Location	LIBORAN
- Data Owner	2	- Town	BAUNGON
- Station ID	M0016	- Province	BUKIDNON
- Latitude	N 8° 21' 17"	- Longitude	E 124° 38' 56"
- Elevation	280.0 m	- Water Resources Region	10

- Period of Data Records	1992 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	66	- Location	MENZI COMPOUND
- Data Owner	2	- Town	TALAKAG
- Station ID	M0017	- Province	BUKIDNON
- Latitude	N 8° 14' 39"	- Longitude	E 124° 36' 23"
- Elevation	350.0 m	- Water Resources Region	10

- Period of Data Records	1987 ~ 1991	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	67	- Location	TAMPOLONG
- Data Owner	2	- Town	TALAKAG
- Station ID	M0018	- Province	BUKIDNON
- Latitude	N 8° 7' 59"	- Longitude	E 124° 36' 11"
- Elevation	550.0 m	- Water Resources Region	10

- Period of Data Records	1987 ~ 1991	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	68	- Location	TICALAAN
- Data Owner	2	- Town	TALAKAG
- Station ID	M0019	- Province	BUKIDNON
- Latitude	N 8° 2' 6"	- Longitude	E 124° 37' 16"
- Elevation	820.0 m	- Water Resources Region	10

- Period of Data Records	1987 ~ 1991	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	69	- Location	UGUIABAN
- Data Owner	2	- Town	
- Station ID	M0020	- Province	CAGAYAN DE ORO
- Latitude	N 8° 18' 30"	- Longitude	E 124° 35' 5"
- Elevation	150.0 m	- Water Resources Region	10

- Period of Data Records	1987 ~ 1991	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	70	- Location	CAWAYAN
- Data Owner	2	- Town	TALAKAG
- Station ID	M0021	- Province	BUKIDNON
- Latitude	N 8° 14' 39"	- Longitude	E 124° 37' 30"
- Elevation	450.0 m	- Water Resources Region	10

- Period of Data Records	1992 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	71	- Location	KIBULAG
- Data Owner	2	- Town	TALAKAG
- Station ID	M0022	- Province	BUKIDNON
- Latitude	N 8° 4' 41"	- Longitude	E 124° 32' 21"
- Elevation	720.0 m	- Water Resources Region	10

- Period of Data Records	1992 ~ 1993	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	72	- Location	MABUNGA
- Data Owner	2	- Town	BAUNGON
- Station ID	M0023	- Province	BUKIDNON
- Latitude	N 8° 15' 33"	- Longitude	E 124° 42' 28"
- Elevation	580.0 m	- Water Resources Region	10

- Period of Data Records	1993 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	73	- Location	MIRAYON
- Data Owner	2	- Town	TALAKAG
- Station ID	M0024	- Province	BUKIDNON
- Latitude	N 8° 1' 18"	- Longitude	E 124° 47' 15"
- Elevation	1200.0 m	- Water Resources Region	10

- Period of Data Records	1992 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	74	- Location	OWL
- Data Owner	2	- Town	MANOLO FORTICH
- Station ID	M0025	- Province	BUKIDNON
- Latitude	N 8° 25' 42"	- Longitude	E 124° 49' 46"
- Elevation	360.0 m	- Water Resources Region	10

- Period of Data Records	1977 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	75	- Location	SANTIAGO
- Data Owner	2	- Town	MANOLO FORTICH
- Station ID	M0026	- Province	BUKIDNON
- Latitude	N 8° 26' 20"	- Longitude	E 124° 59' 35"
- Elevation	720.0 m	- Water Resources Region	10

- Period of Data Records	1977 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	76	- Location	MALIKO
- Data Owner	2	- Town	MONOLO FORTICH
- Station ID	M0027	- Province	BUKIDNON
- Latitude	N 8° 22' 8"	- Longitude	E 124° 57' 10"
- Elevation	400.0 m	- Water Resources Region	10

- Period of Data Records	1974 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	77	- Location	MANALOG
- Data Owner	2	- Town	MALAYBALAY
- Station ID	M0028	- Province	BUKIDNON
- Latitude	N 8° 17' 42"	- Longitude	E 125° 9' 10"
- Elevation	1200.0 m	- Water Resources Region	10

- Period of Data Records	1980 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	78	- Location	POBLACION
- Data Owner	2	- Town	IMPASUGONG
- Station ID	M0029	- Province	BUKIDNON
- Latitude	N 8° 18' 37"	- Longitude	E 125° 0' 5"
- Elevation	620.0 m	- Water Resources Region	10

- Period of Data Records	1975 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	79	- Location	INTAVAS
- Data Owner	2	- Town	IMPASUGONG
- Station ID	M0030	- Province	BUKIDNON
- Latitude	N 8° 12' 10"	- Longitude	E 124° 55' 46"
- Elevation	1280.0 m	- Water Resources Region	12

- Period of Data Records	1977 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	80	- Location	BACLAYON
- Data Owner	2	- Town	LANTAPAN
- Station ID	M0031	- Province	BUKIDNON
- Latitude	N 8° 0' 23"	- Longitude	E 125° 5' 55"
- Elevation	680.0 m	- Water Resources Region	12

- Period of Data Records	1976 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	81	- Location	BUSDI
- Data Owner	2	- Town	MALAYBALAY
- Station ID	M0032	- Province	BUKIDNON
- Latitude	N 8° 16' 40"	- Longitude	E 125° 15' 21"
- Elevation	600.0 m	- Water Resources Region	12

- Period of Data Records	1977 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	82	- Location	MAILAG
- Data Owner	2	- Town	VALENCIA
- Station ID	M0033	- Province	BUKIDNON
- Latitude	N 7° 58' 25"	- Longitude	E 125° 8' 20"
- Elevation	310.0 m	- Water Resources Region	12

- Period of Data Records	1976 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	83	- Location	PANADTALAN
- Data Owner	2	- Town	MARAMAG
- Station ID	M0034	- Province	BUKIDNON
- Latitude	N 7° 48' 40"	- Longitude	E 125° 1' 27"
- Elevation	290.0 m	- Water Resources Region	12

- Period of Data Records	1972 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	84	- Location	ZAMBOANGIFA
- Data Owner	2	- Town	CABANGLASAN
- Station ID	M0035	- Province	BUKIDNON
- Latitude	N 8° 11' 21"	- Longitude	E 125° 18' 9"
- Elevation	500.0 m	- Water Resources Region	12

- Period of Data Records	1976 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	85	- Location	KALASUNGAY
- Data Owner	2	- Town	MALAYBALAY
- Station ID	M0036	- Province	BUKIDNON
- Latitude	N 8° 10' 27"	- Longitude	E 125° 5' 53"
- Elevation	720.0 m	- Water Resources Region	12

- Period of Data Records	1986 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	86	- Location	LINABO
- Data Owner	2	- Town	MALAYBALAY
- Station ID	M0037	- Province	BUKIDNON
- Latitude	N 8° 3' 7"	- Longitude	E 125° 9' 7"
- Elevation	320.0 m	- Water Resources Region	12

- Period of Data Records	1986 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	87	- Location	MARAGUING
- Data Owner	2	- Town	CABANGLASAN
- Station ID	M0038	- Province	BUKIDNON
- Latitude	N 8° 9' 31"	- Longitude	E 125° 19' 34"
- Elevation	460.0 m	- Water Resources Region	12

- Period of Data Records	1986 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	88	- Location	MIARAY
- Data Owner	2	- Town	DANGCAGAN
- Station ID	M0039	- Province	BUKIDNON
- Latitude	N 7° 34' 28"	- Longitude	E 125° 2' 35"
- Elevation	390.0 m	- Water Resources Region	12

- Period of Data Records	1986 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	89	- Location	BUBONG
- Data Owner	2	- Town	
- Station ID	M0040	- Province	LANAO DEL SUR
- Latitude	N 7° 59' 36"	- Longitude	E 124° 24' 15"
- Elevation	720.0 m	- Water Resources Region	12

- Period of Data Records	1989 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	90	- Location	DULAY
- Data Owner	2	- Town	
- Station ID	M0041	- Province	MARAWI
- Latitude	N 8° 2' 26"	- Longitude	E 124° 18' 42"
- Elevation	720.0 m	- Water Resources Region	12

- Period of Data Records	1989 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	91	- Location	MASIU
- Data Owner	2	- Town	
- Station ID	M0042	- Province	LANAO DEL SUR
- Latitude	N 7° 49' 20"	- Longitude	E 124° 24' 30"
- Elevation	704.0 m	- Water Resources Region	12

- Period of Data Records	1973 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	92	- Location	DAHILAYAN
- Data Owner	2	- Town	MANOLO FORTICH
- Station ID	M0043	- Province	BUKIDNON
- Latitude	N 8° 13' 16"	- Longitude	E 124° 50' 58"
- Elevation	1140.0 m	- Water Resources Region	10

- Period of Data Records	1977 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	93	- Location	DUMALAGUING
- Data Owner	2	- Town	IMPASUGONG
- Station ID	M0044	- Province	BUKIDNON
- Latitude	N 8° 20' 49"	- Longitude	E 125° 3' 18"
- Elevation	680.0 m	- Water Resources Region	10

- Period of Data Records	1980 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	94	- Location	CAN-AYAN
- Data Owner	2	- Town	MALAYBALAY
- Station ID	M0045	- Province	BUKIDNON
- Latitude	N 8° 10' 58"	- Longitude	E 125° 10' 8"
- Elevation	660.0 m	- Water Resources Region	12

- Period of Data Records	1977 ~ 1995	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	95	- Location	CALABUGAO
- Data Owner	2	- Town	IMPASUGONG
- Station ID	M0046	- Province	BUKIDNON
- Latitude	N 8° 27' 23"	- Longitude	E 125° 9' 33"
- Elevation	770.0 m	- Water Resources Region	12

- Period of Data Records	1986 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	96	- Location	UGALINGAN
- Data Owner	2	- Town	CARMEN
- Station ID	M0047	- Province	COTABATO
- Latitude	N 7° 12' 2"	- Longitude	E 124° 49' 36"
- Elevation	30.0 m	- Water Resources Region	12

- Period of Data Records	1989 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	97	- Location	HALAPITAN
- Data Owner	2	- Town	SAN FERNANDO
- Station ID	M0048	- Province	BUKIDNON
- Latitude	N 8° 55' 40"	- Longitude	E 125° 18' 46"
- Elevation	380.0 m	- Water Resources Region	10

- Period of Data Records	1986 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	98	- Location	POBLACION
- Data Owner	2	- Town	KALILANGAN
- Station ID	M0049	- Province	BUKIDNON
- Latitude	N 7° 48' 5"	- Longitude	E 124° 44' 7"
- Elevation	600.0 m	- Water Resources Region	12

- Period of Data Records	1990 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	99	- Location	POBLACION
- Data Owner	2	- Town	QUEZON
- Station ID	M0050	- Province	BUKIDNON
- Latitude	N 7° 43' 50"	- Longitude	E 125° 5' 55"
- Elevation	280.0 m	- Water Resources Region	12

- Period of Data Records	1986 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	100	- Location	TAWAS
- Data Owner	2	- Town	KITAOTAO
- Station ID	M0051	- Province	BUKIDNON
- Latitude	N 7° 32' 34"	- Longitude	E 125° 10' 33"
- Elevation	890.0 m	- Water Resources Region	12

- Period of Data Records	1989 ~ 1993	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	101	- Location	DOROLUMAN, LAMALAMA	
- Data Owner	2	- Town	PRES. ROXAS	
- Station ID	M0052	- Province	NORTH COTABATO	
- Latitude	N 7° 9' 11"	- Longitude	E 125° 7' 47"	
- Elevation	250.0 m	- Water Resources Region	12	

- Period of Data Records	1990 ~ 1994	- Latest Update	
--------------------------	-------------	-----------------	--

- No.	102	- Location	TUMARAS	
- Data Owner	2	- Town	KIBAWE	
- Station ID	M0053	- Province	BUKIDNON	
- Latitude	N 7° 28' 23"	- Longitude	E 125° 1' 50"	
- Elevation	150.0 m	- Water Resources Region	12	

- Period of Data Records	1992 ~ 1994	- Latest Update	12/20/97
--------------------------	-------------	-----------------	----------

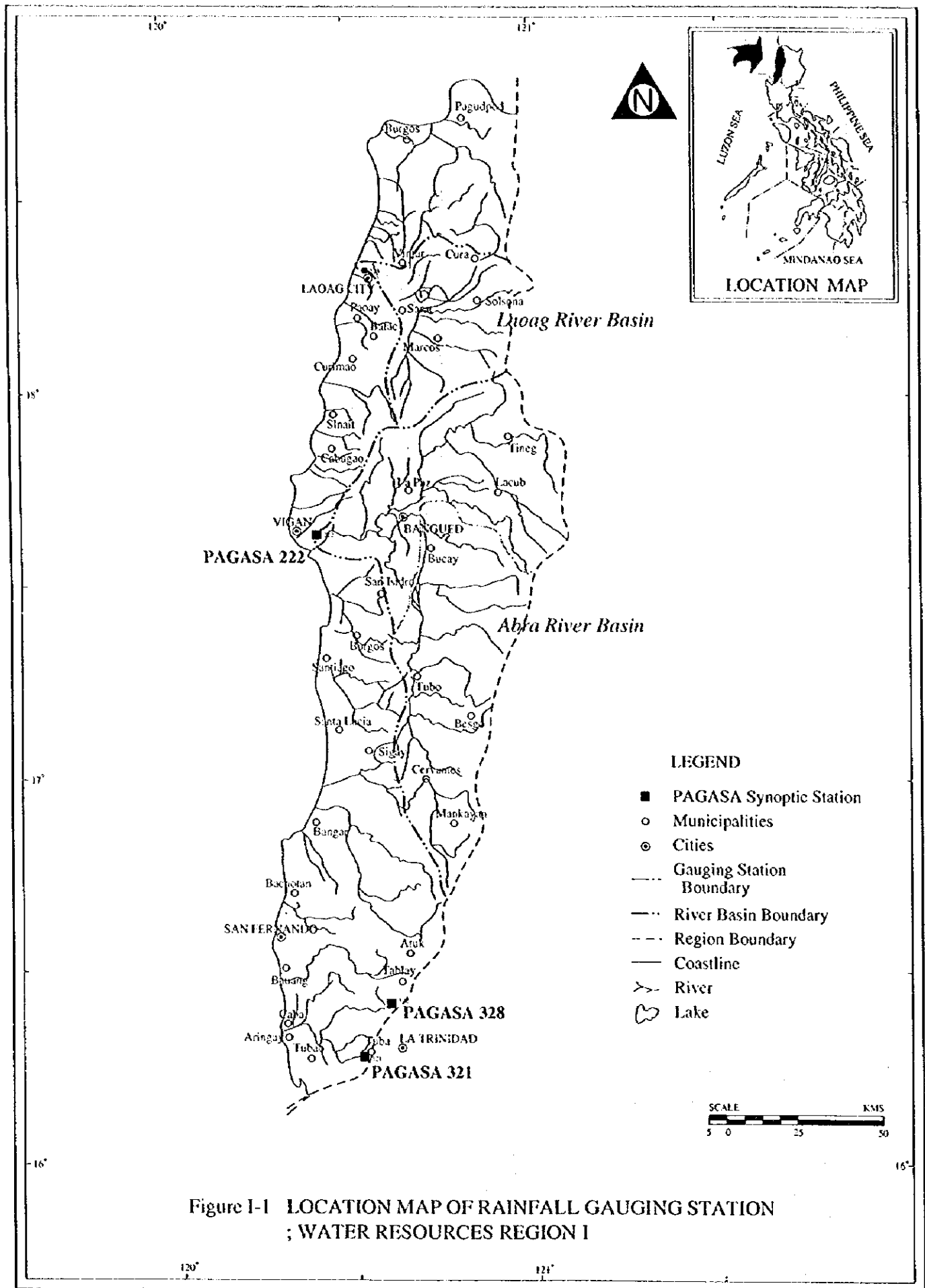


Figure I-1 LOCATION MAP OF RAINFALL GAUGING STATION ; WATER RESOURCES REGION I

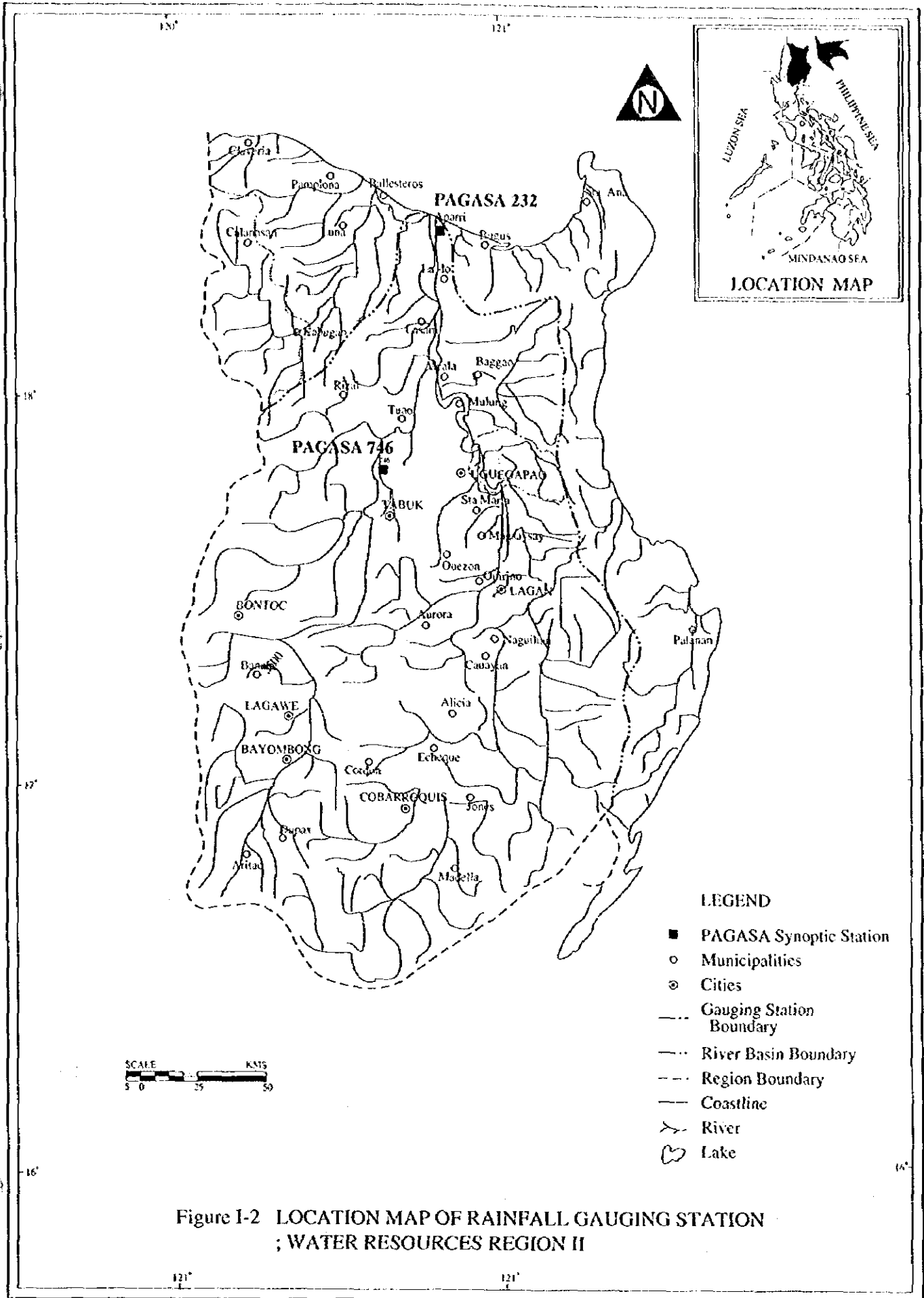
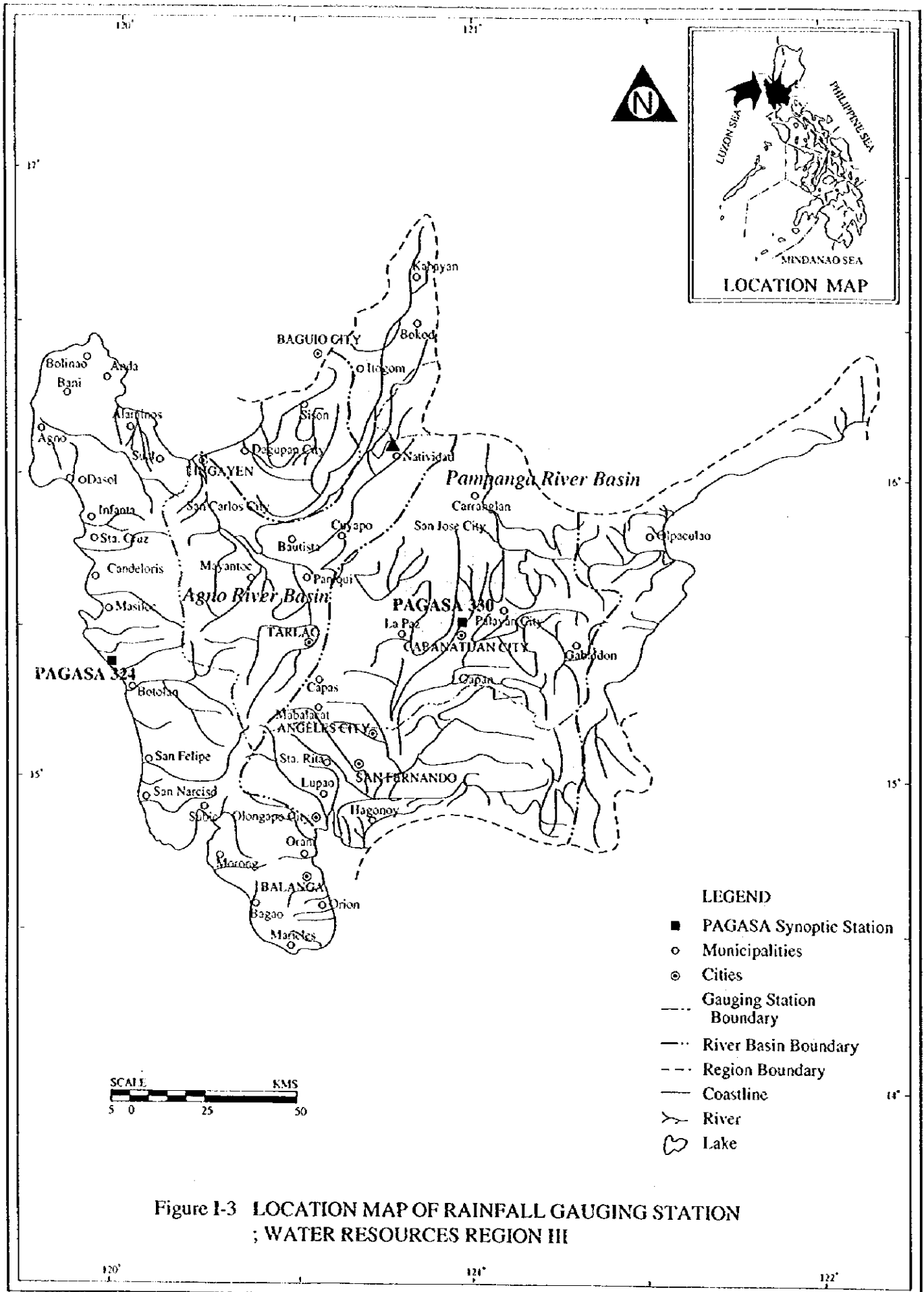
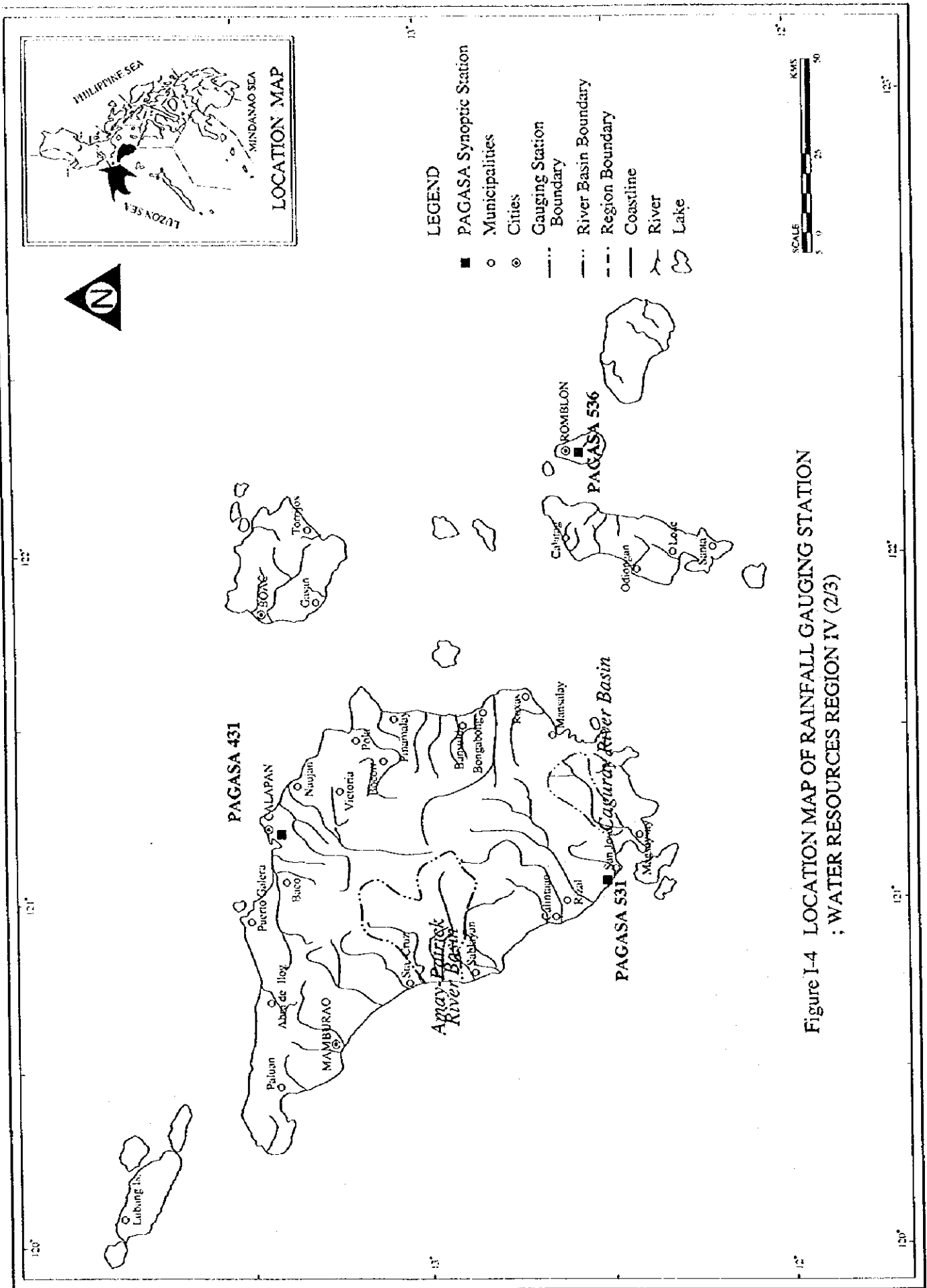
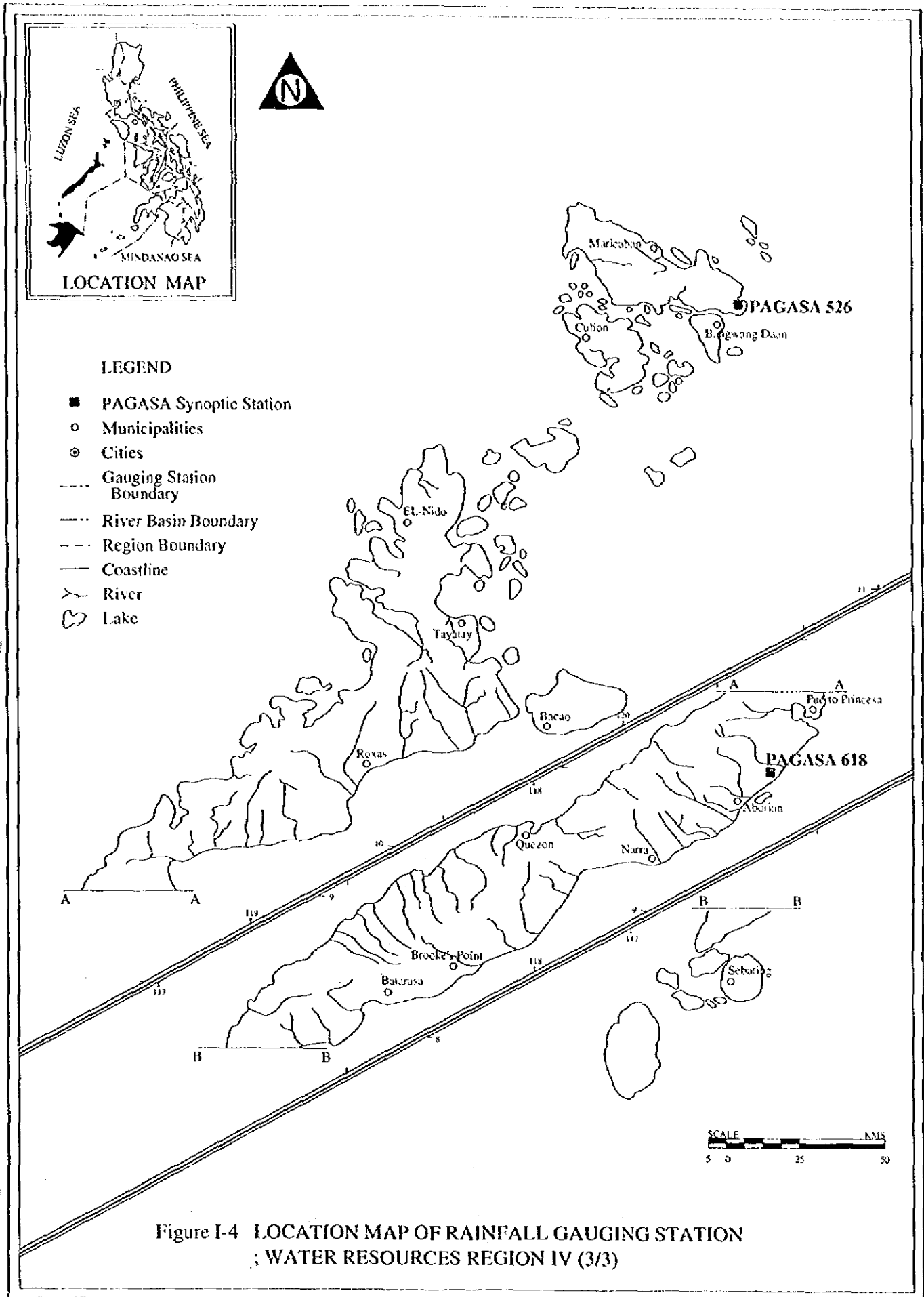


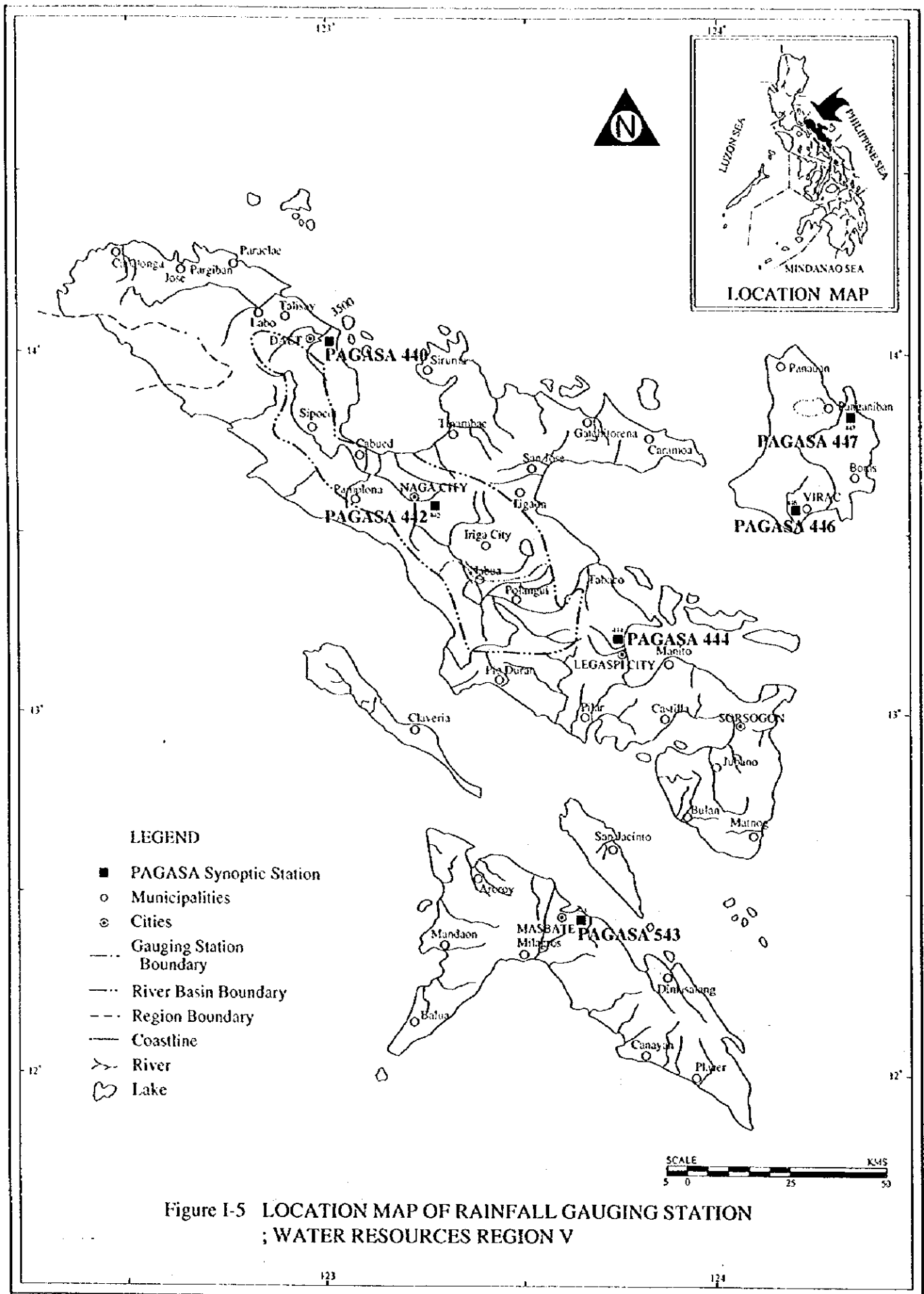
Figure I-2 LOCATION MAP OF RAINFALL GAUGING STATION ; WATER RESOURCES REGION II











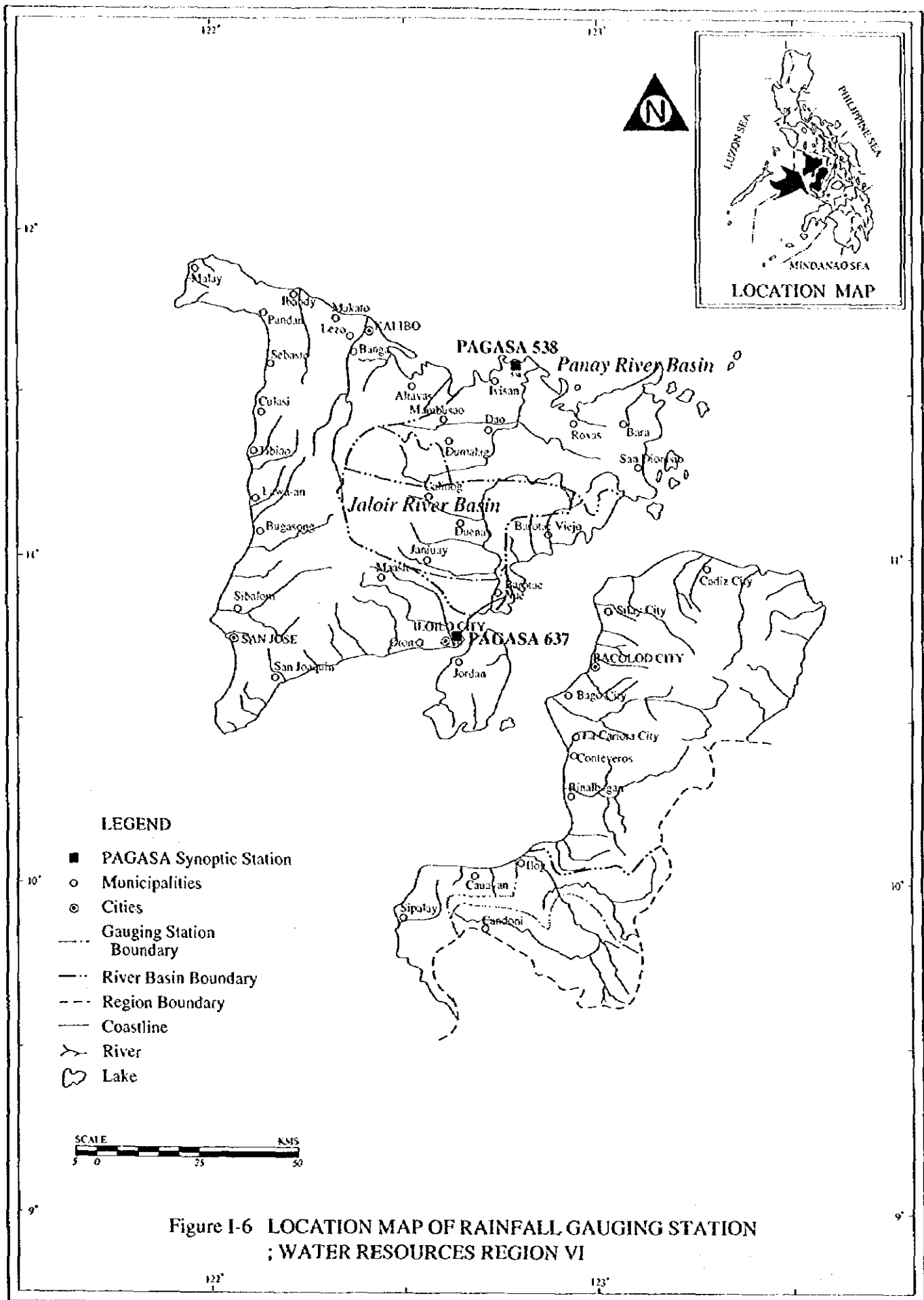


Figure I-6 LOCATION MAP OF RAINFALL GAUGING STATION ; WATER RESOURCES REGION VI

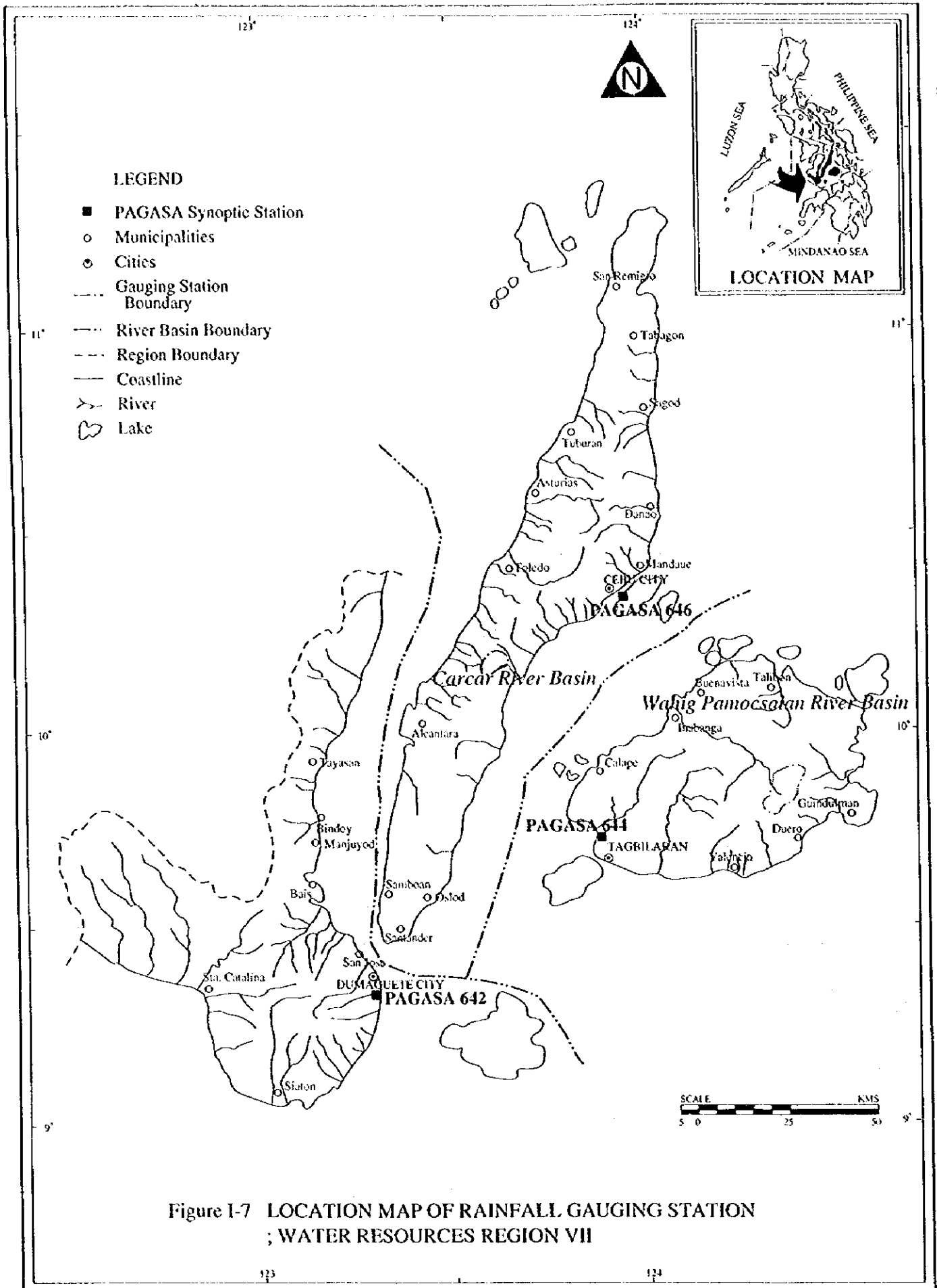
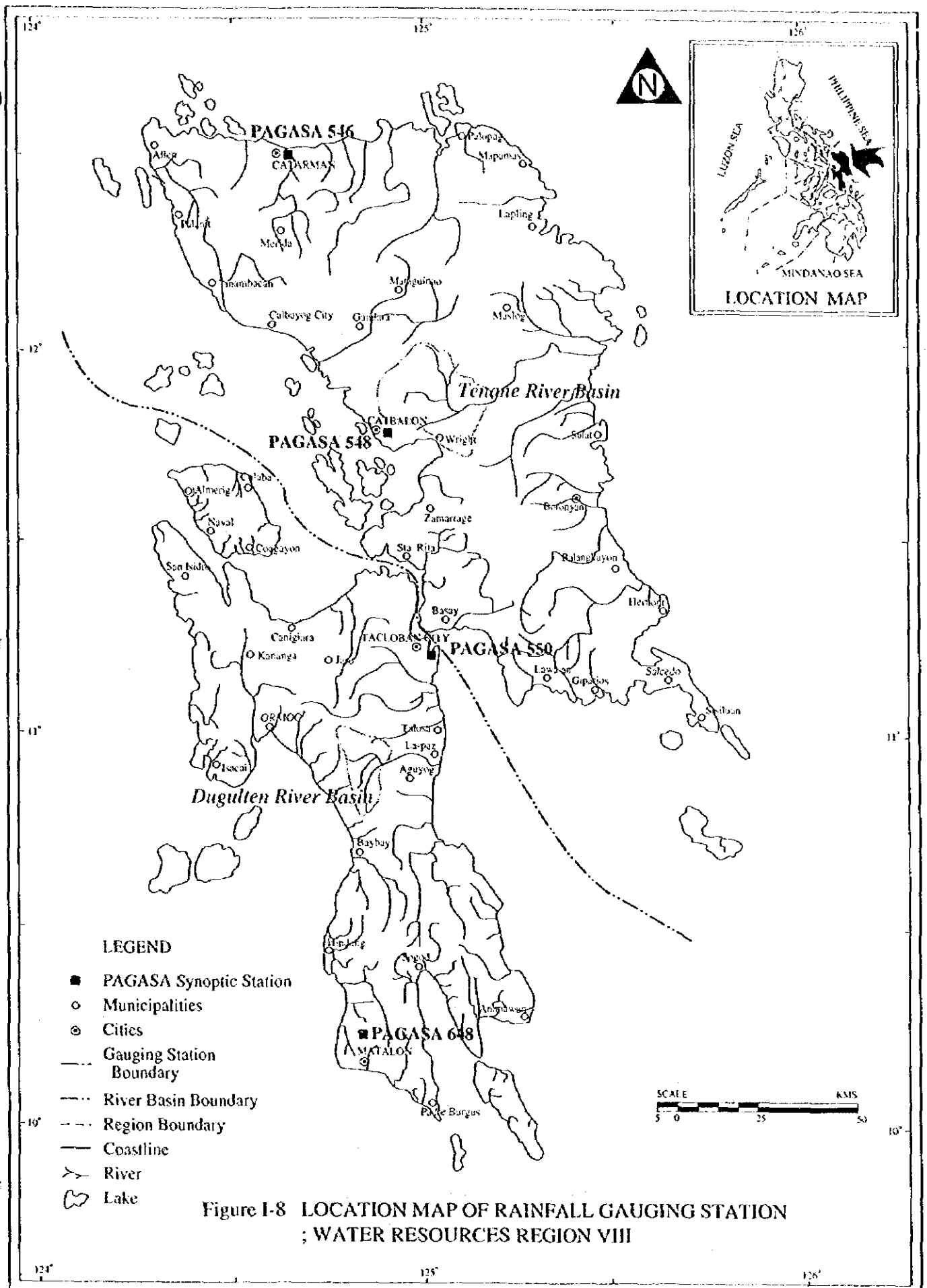
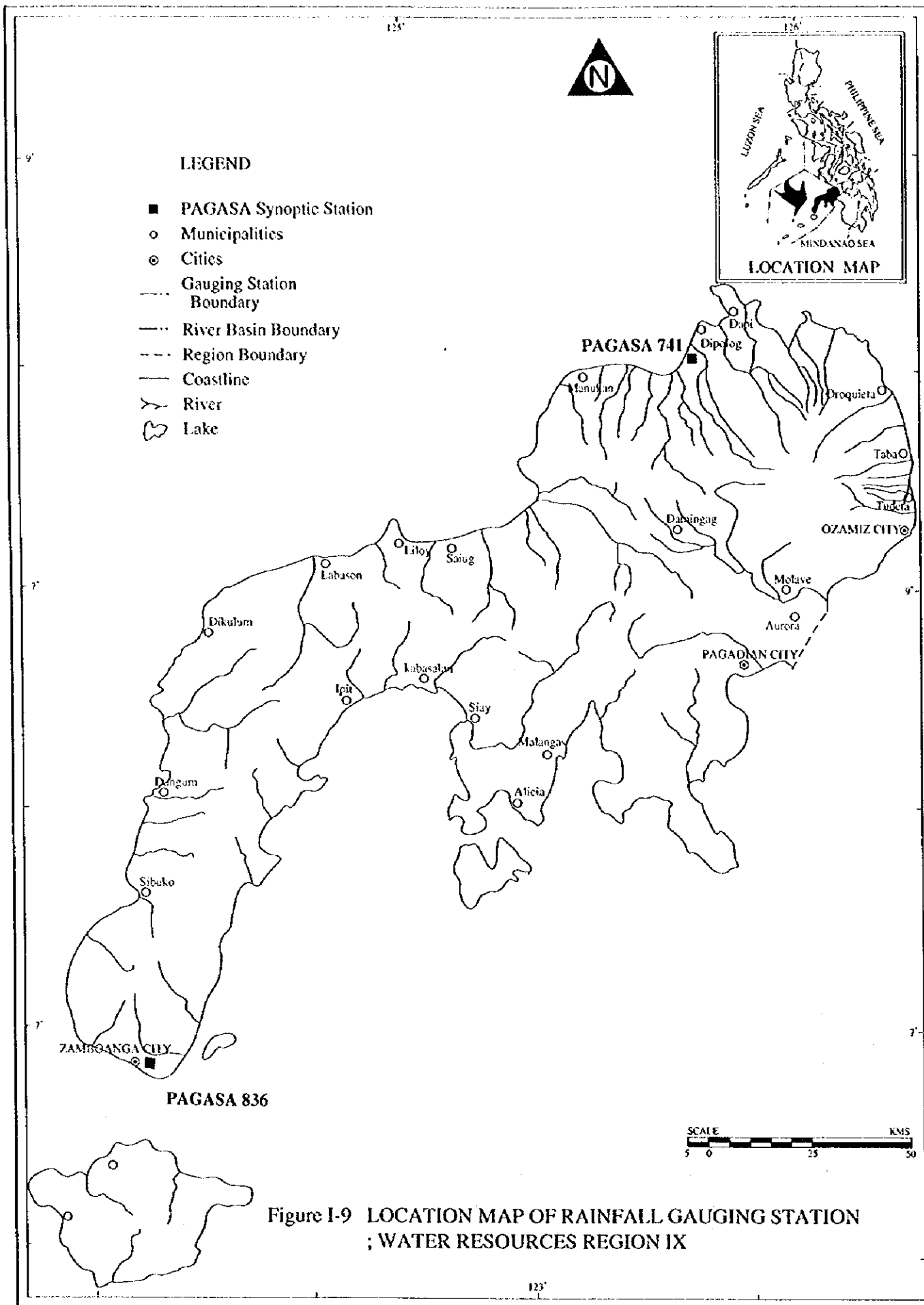


Figure I-7 LOCATION MAP OF RAINFALL GAUGING STATION ; WATER RESOURCES REGION VII





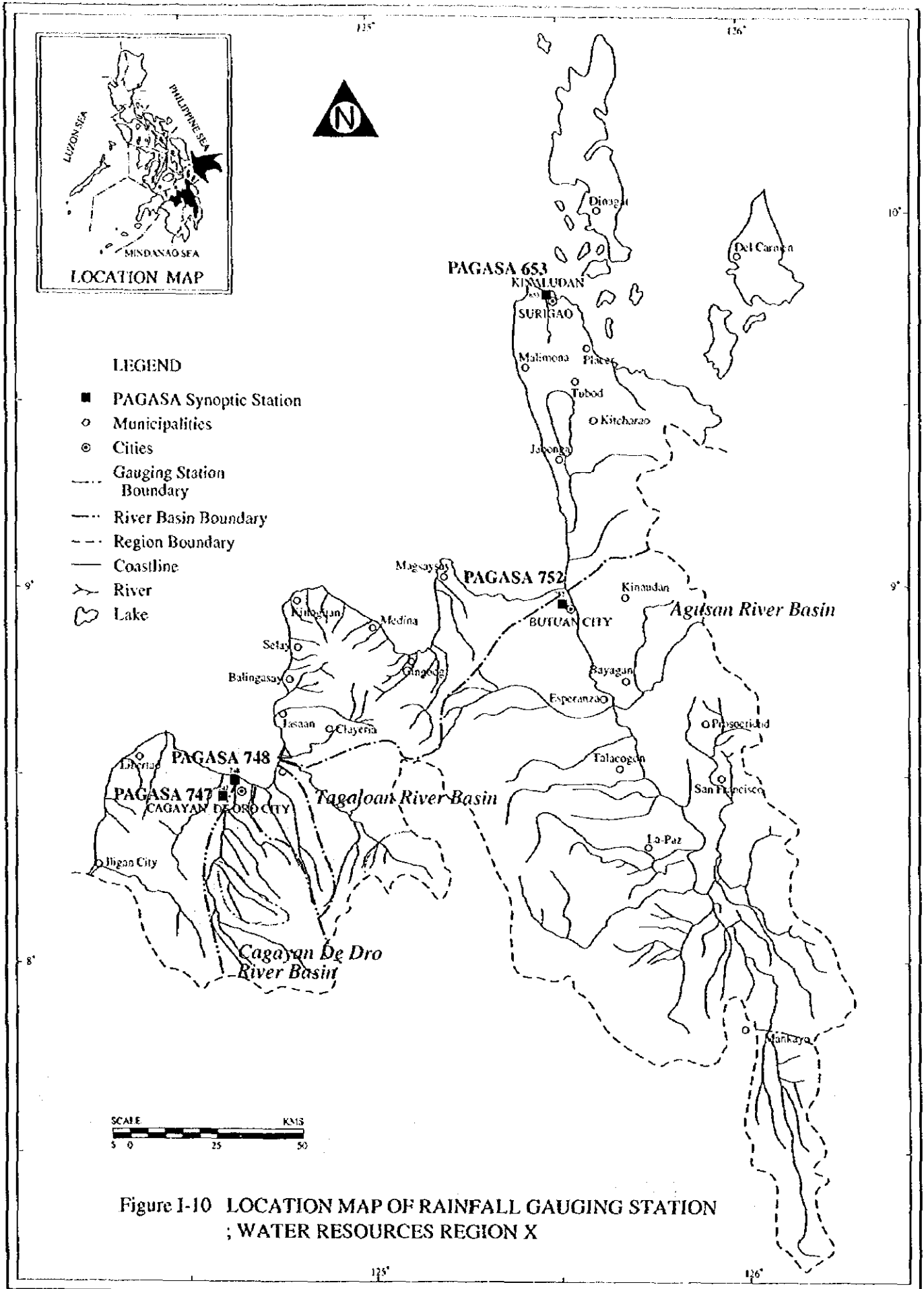


Figure I-10 LOCATION MAP OF RAINFALL GAUGING STATION ; WATER RESOURCES REGION X

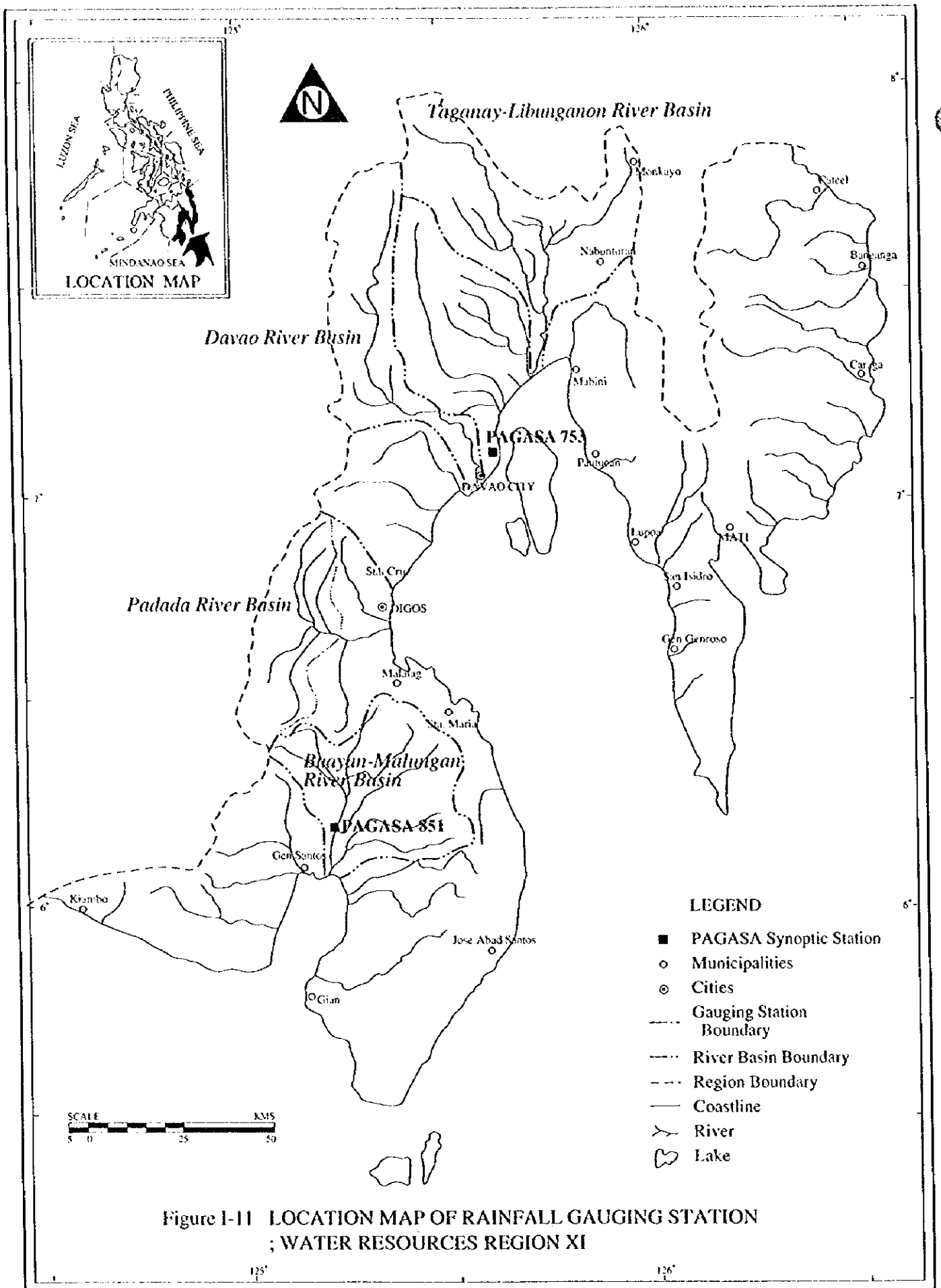
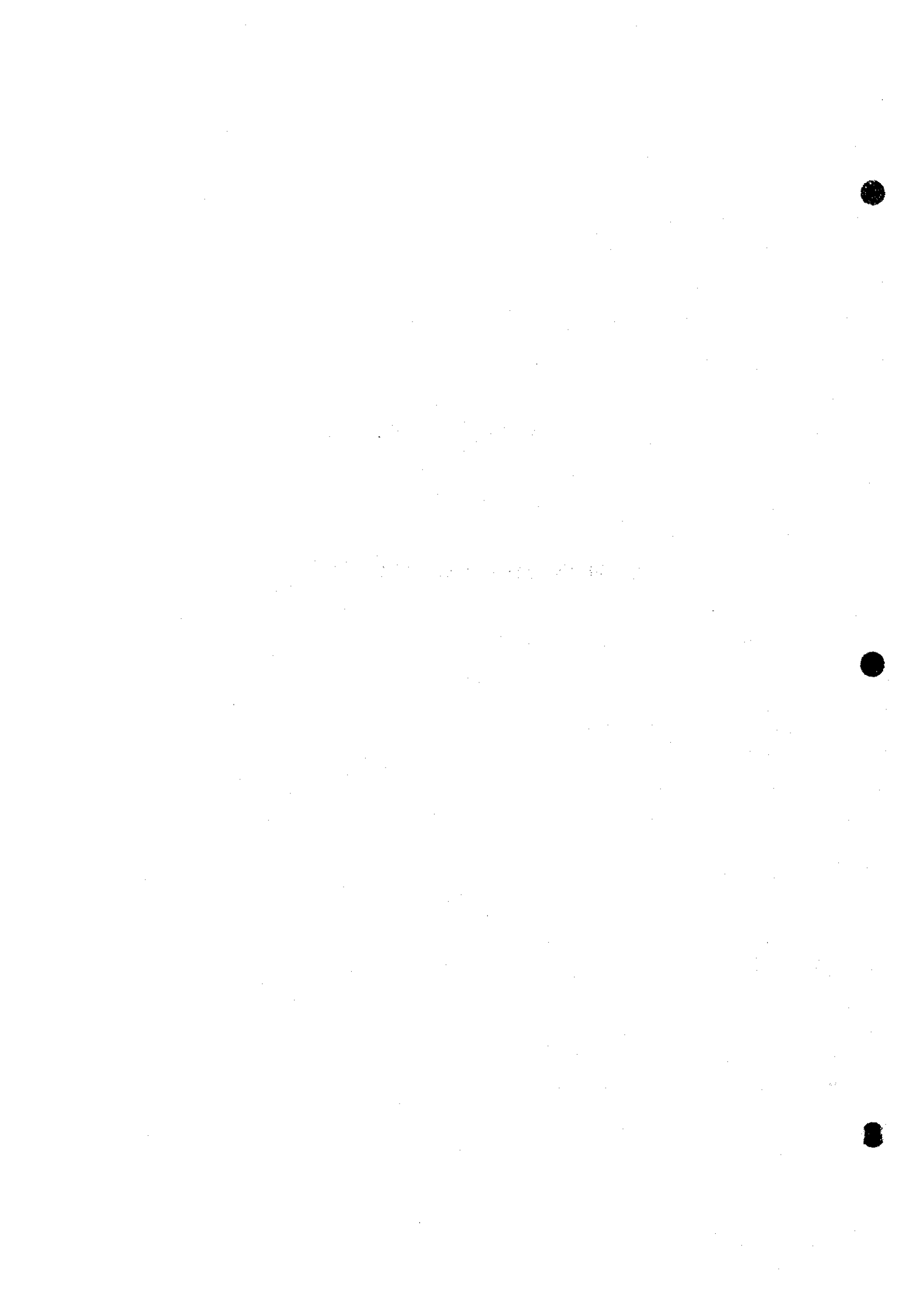


Figure I-11 LOCATION MAP OF RAINFALL GAUGING STATION ; WATER RESOURCES REGION XI

RAINFALL DATA

2. MONTHLY RAINFALL DATA





NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : EGBLACION, KALITANGAN, BUKIDNON

PERIOD OF TARGET YEARS : 1990 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1990									398.8	454.8	325.4	42.2	
1991	78.8	28.2	73.0	148.4	308.5	288.8	289.1	182.8	110.3	250.4	152.1	66.3	1965.2
1992	12.4	2.8	8.3	44.6	238.3	255.4	277.7	75.8	157.8	200.4	204.2	22.0	1431.7
1993	12.4	115.5	72.1	124.8	209.2	352.8	479.8	313.4	463.1	189.8	275.9	278.6	2888.9
1994	70.5	48.2	142.2	148.2	484.8	830.8	122.0	233.1	112.9	376.0	34.1	40.4	2424.2
MEAN	43.0	48.8	71.9	118.0	305.2	384.4	287.1	201.3	246.1	254.2	198.3	89.9	2191.2

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : POBLACION, QUEZON, BUKIDNON

PERIOD OF TARGET YEARS : 1986 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	479.9	248.7	194.1	114.8	515.4	845.1	597.0	529.5	442.0	345.3	350.5	112.8	4778.7
1987	126.3	38.8	29.4	140.3	433.8	519.1	520.9	604.0	588.7	793.9	461.3	410.3	4564.8
1988	70.7	111.8	238.0	274.8	320.9	484.9	423.3	863.2	631.2	286.0	287.7	289.1	4001.8
1989	122.2	178.1	463.2	399.7	778.4	500.2	608.8	479.4	478.2	444.8	165.7	71.1	4743.8
1990													
1991	77.5	132.0	30.9	97.2	232.8	268.3	144.0	77.2	118.8	247.6	294.5	11.4	1640.0
1992													
1993	64.7	188.5	173.0	74.4	200.0	256.5	375.0	288.3	319.0	221.4	127.2	292.5	2581.5
1994	137.9	56.8	155.0	176.2	367.0	475.7		295.7	150.4	222.9	62.5	120.4	
MEAN	154.2	138.1	183.4	182.5	457.3	486.8	444.7	418.2	390.0	366.0	237.1	175.4	3735.0

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : TANAS, KITAOTAO, BUKIGNON

PERIOD OF TARGET YEARS : 1989 to 1993

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1989						455.5	148.5	265.5		195.0	131.5	103.5	
1990	42.5	15.5	7.0	19.0	255.5	511.5	415.5	197.5	298.5	111.5	161.0	37.5	2972.5
1991	68.5	27.0	37.0	63.0	128.0	85.5	195.7	23.0	81.0	100.8	162.0	22.0	1010.7
1992	25.5	10.5	8.5	27.0	120.0	264.0	168.0	270.5	76.5	295.5	47.0	93.0	1426.0
1993	103.0	65.0	134.0	12.0	142.0	142.5	193.5	141.0	357.0	123.5	51.5	221.0	1888.0
MEAN	53.4	29.5	46.6	30.3	161.4	297.6	223.4	179.5	196.3	183.1	120.8	95.4	1545.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : DOROLUMAN, IAMBALAYA, PRES. ROXAS, NORTH COTABATO

PERIOD OF TARGET YEARS : 1990 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1990								264.4	234.3	159.1	217.3	36.9	
1991	74.7	49.6	8.0	103.5	272.5	243.7	257.4	215.8	83.5	273.5		12.1	
1992	18.6	3.1			112.0	304.5	301.7	66.2	278.0	495.0	265.1	137.1	
1993	61.0	103.8	150.9	68.4	171.7	221.8	293.2	95.0	258.1		63.0	110.8	
1994	58.5	10.4	87.8	122.1	215.9								
MEAN	53.2	41.8	82.3	68.7	193.8	256.7	284.1	165.4	208.5	310.2	181.8	76.3	

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : TUMARAS, KIBAWA, BUKIDONG

PERIOD OF TARGET YEARS : 1992 to 1994

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1992			0.0	156.1	335.5		328.5	148.5	96.8	177.4	158.5	80.4	
1993	82.5		180.0	88.0	315.0	258.5	303.0	226.5	279.1	273.0	135.4	168.0	
1994	71.5	56.5	115.0	138.5	417.5	495.5	120.5	128.5	133.5	212.5	48.5	119.0	2045.0
MEAN	87.0	56.5	91.7	127.5	356.0	371.0	250.7	187.8	169.8	221.0	112.8	129.1	2045.0

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.135, BASCO, BATANES

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	130.4	89.1	70.6	35.8	295.5	127.7	693.6	779.8	345.9	168.0	152.7	202.4	3103.5
1962	139.1	157.1	57.6	18.4	5.3	113.8	277.2	295.2	284.6	141.0	347.0	99.8	1656.1
1963		375.0	40.8	179.8	172.6	575.0	218.6	68.3	703.3	107.8	191.0	236.5	
1964	30.7	282.3	105.0	24.9	43.4	416.8	36.7	417.1	525.9	371.1	911.2	734.8	3901.7
1965	133.9	87.0	113.8	218.7	153.7	229.2	280.7	60.0	135.5	33.5	330.5	131.0	1900.4
1966	162.2	120.5	118.7	56.5	262.9	231.6	288.9	253.3	325.7	152.3	662.8	432.7	3067.9
1967	141.2	153.6	145.5	84.7	62.1	235.5	78.4	535.5	213.3	175.0	127.7	363.1	2318.8
1968	216.4	117.0	87.1	169.7	45.7	188.0	360.0	188.0	893.3	95.9	34.0	27.8	2420.9
1969	141.6	187.4	55.5	92.5	124.8	357.6	322.9	81.3	470.9	218.4		231.2	
1970	133.6	143.6	152.1	112.7	153.1	241.1	251.4	387.8	378.4	297.8	409.9	568.9	3246.4
1971	89.4	162.7	92.0	21.2	67.0	68.9	534.3	264.3	207.2	624.2	260.4	648.5	3045.1
1972	244.4	93.3	51.9	38.8	295.7	115.3	427.2	543.3	192.2	299.4	338.0	191.2	2831.7
1973	278.3	65.8	68.2	9.2	18.8	433.0	655.1	503.4	238.5	784.0	427.8	294.0	3746.1
1974	57.4	138.8	106.4	123.0	376.8	335.4	77.8	1305.8	1779.7	1193.4	852.8	580.4	6926.5
1975	215.7	138.3	82.0	34.7	45.5	250.4	268.0	1377.9	212.0	529.7	234.9	205.9	3593.6
1976	122.0	26.5	63.0	41.5	135.2	436.4	107.9	272.8	207.2	228.0	151.7	43.3	1835.5
1977	188.5	32.2	13.8	17.3	62.7	99.8	233.4	309.7	269.0	63.8	222.4	109.3	1621.5
1978	42.2	93.7	24.6	54.1	113.0	284.6	107.0	390.0	219.4	556.1	91.1	100.5	2076.3
1979	42.0	92.4	27.1	183.8	279.5	54.0	178.8	549.6	51.1	139.1	308.2	77.1	1979.7
1980	327.3	199.6	114.6	53.1	182.3	25.7	206.9	138.3	500.8	551.0	411.8	155.0	2846.4
1981	243.7	80.5	68.9	27.7	189.1	627.6	347.8	88.3	345.7	454.2	251.0	152.0	2881.8
1982	161.0	62.5	12.5	20.8	110.8	452.5	467.5	951.3	243.8	170.3	208.4	383.7	2851.9
1983	360.9	85.7	163.8	71.3	150.7	65.1	234.4	428.2	129.1	406.1	271.6	111.9	2495.8
1984	331.8	131.4	92.9	141.4	300.1	114.7	158.8	606.4	127.9	238.2	248.9	175.6	2569.1
1985	187.9	88.0	233.3	189.2	155.8	512.3	111.6	535.3	344.9	521.2	348.6	384.8	3611.7
1986	157.1	84.8	33.5	45.2	654.8	512.2	182.6	515.2	363.9	290.1	327.8	106.0	3256.2
1987	106.8	31.2	38.0	29.5	13.9	260.3	638.0	71.9	400.5	237.9	469.6	369.2	2688.8
1988	378.8	218.3	271.1	110.6	150.5	61.3	149.5	433.9	443.0	275.5	113.1	118.1	2718.7
1989	105.2		185.8	73.3	290.3	82.8	193.1	331.9	445.2	387.3	90.3	97.7	
1990	231.6	59.1	36.5	9.2	189.6	290.8	271.6	331.3	416.1	132.8	147.8	178.4	2294.6
1991	130.5	183.5	229.3	18.6	22.9	147.7	386.1	433.5	347.7	600.4	374.1	232.1	3369.5
1992	231.6	69.7	75.2	41.0	419.0	141.0	107.0	532.3	315.2	505.6	79.3	156.7	2713.8
1993	111.1	197.8	73.2	10.1	124.5	29.5	149.5	177.7	309.9	450.4	310.6	311.1	2246.4
1994	203.6	111.3	73.1	51.7	165.2	287.4	542.3	522.4	223.4	155.6	91.4	115.8	2543.0
1995	83.1	177.1	58.1	6.1	183.7	87.4	293.8	338.3	192.5	288.2	181.6	171.2	2046.9
MEAN	174.1	129.2	92.4	68.7	171.9	241.0	278.8	417.6	365.8	344.0	294.4	244.4	2635.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.222, VIGAN, ILOCOS SUR

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		0.0	23.6	22.9	116.3	709.6	1499.8	778.6	494.7	9.0	2.8	5.1	
1962	1.5	0.0	0.0	2.0	19.2	325.2	1197.2	667.1	229.4	139.3	41.5	0.0	2621.4
1963	0.8	1.0	8.0	0.0	61.7	1025.5	479.8	144.9	549.6	21.3	0.5	3.4	2336.1
1964	2.0	0.0	0.0	23.1	109.7	391.5	354.8	1019.9	486.1	89.7	82.3	77.6	2636.8
1965	0.0	0.0	0.0	6.1	451.6	343.8	450.4	261.4	411.1	0.0	9.0	0.0	1973.4
1966	0.0	0.0	4.3	6.6	337.5	112.4	124.7	711.3	651.4	20.4	133.7	3.6	2075.9
1967	0.0	0.0	0.0	124.2	53.6	838.0	486.5	1027.4	379.7	318.5	8.5	0.2	3236.6
1968	0.0	0.0	0.0	7.8	61.4	150.9	455.8	1821.0	698.4	58.4	0.0	0.0	3253.7
1969	0.0	0.0	1.0	0.0	210.4	412.3	845.5	486.7	853.0	170.8	7.6	0.0	2607.3
1970	3.0	0.0	7.0	0.0	29.7	479.2	298.4	693.4	371.3	42.4	41.7	102.1	2062.2
1971	0.0	0.0	0.5	0.0	76.8	270.0	527.5	397.7	377.4	292.0	21.6	26.8	1990.1
1972	15.1	9.0	0.0	1.5	124.6	451.8	1523.5	906.4	112.3	0.0	1.8	0.0	3145.8
1973	1.0	0.0	0.0	0.0	13.0	310.5	309.5	430.9	318.0	454.0	16.3	3.3	1856.5
1974	6.0	0.0	0.0	3.6	309.5	646.1	149.0	1374.3	329.8	582.9	60.0	14.0	3489.2
1975	23.8	0.0	0.8	9.1	81.5	483.1	219.8		89.8	143.2	4.9	2.1	
1976	0.0	0.0	0.0	0.0	339.5	299.9	296.1	355.5	121.5	93.3	0.0	1.5	1408.3
1977	2.0	2.5	0.0	0.0	105.0	220.4	810.9	799.5	764.7	4.3	26.3	0.0	2756.6
1978	0.0	0.0	0.0	50.8	85.1	573.0	447.3		294.3	43.1		0.0	
1979	0.0	0.0	0.0	55.6	350.4	271.1	549.0	601.9	88.3	44.3	3.3	15.9	1979.6
1980	33.2	0.0	25.4	0.0	343.5	151.5	483.2	42.6	575.1	152.5	118.8	18.8	1925.6
1981	3.8	0.0	0.0	1.7		450.5	555.7	1028.5	331.2	61.6	49.5	0.0	
1982	0.0	3.1	0.0	0.0	62.1	318.7	723.2	730.4	208.4	46.7	10.4	21.7	2132.7
1983	2.2	36.7	1.1	4.6	16.6	418.0	179.3	986.7	460.1	64.2	4.3	0.0	2172.0
1984	0.0	0.0	1.2	27.2	193.8	334.8	192.5	1030.0	118.5	53.9	18.3	0.0	1970.0
1985	0.0	0.0	0.0	1.2	150.9	1157.7	250.1	1195.3	280.6	300.5	12.3		
1986		4.5	0.0	7.1	593.6	329.4	682.1	1340.0	748.8	98.1	5.8	0.7	
1987	0.0	0.0	0.0	0.6	0.0	381.7	382.5	231.2	324.1	343.7	4.3	5.4	1672.9
1988	2.6	11.2	0.0	10.9	302.5	655.0	640.7	258.4	374.9	105.0	5.0	0.0	2364.2
1989	0.0	2.4	3.9	0.0	49.1	156.3	680.2	478.5	615.5	79.7	1.2	0.0	2068.8
1990	2.8	11.0	0.0	1.8	248.0	651.1	664.6	905.5	557.0	88.0	15.0	8.8	3191.2
1991	0.0	0.0	0.0	0.0	40.9	293.5	545.2	665.9	405.2	322.2	33.4	0.0	2306.3
1992	2.8	1.5	0.8	147.6	350.5	89.9	161.5	714.1	746.5	8.8	0.8	0.0	2272.6
1993	0.0	0.0	0.2	0.4	45.0	183.8	506.6	476.6	441.7	88.2	6.2	9.3	1758.8
1994	2.7	0.0	0.2	8.2	100.7	225.5	1377.5	354.8	347.5	50.7	0.0	0.6	2208.4
1995	0.0	0.0	0.0	0.0	160.9	170.0	838.8	360.0	193.4	158.2	11.2	4.0	1925.5
MEAN	3.0	2.4	2.1	15.0	155.4	439.4	558.9	790.4	411.7	130.8	22.0	9.5	2337.2

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.223, LAOAG CITY, ILOCOS NORTE

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		00	23	00	101.0	529.5	1308.9	933.7	352.7				
1962		00	00	05		262.8	1252.8	852.1	83.7	28.1	14.5		
1963		00	05	06	10.7	1134.5	369.5	78.2	828.0	8.4	8.9		
1964		0.7	21.2	00	38.1	304.1	139.6	649.4	601.5	104.3	85.4	120.5	
1965	00	00	00	46	287.6	585.3	395.4	268.1	393.6	7.5	45.2	2.0	1909.3
1966	00	00	13	03	217.4	49.8	122.8	517.8	690.5	15.8	194.8	4.3	1724.6
1967	00	00	00	121.9	210.5	1082.7	231.3	727.1	233.6	229.3	36.1	00	2872.5
1968	00	1.0	00	6.8	25.4	106.3	582.4	814.6	497.4	24.4	00	00	2160.3
1969	9.4	2.8	4.9	00	215.8	327.8	733.7	328.7	1007.3	115.6	12.8	0.8	2759.4
1970	0.5	00	00	7.1	81.4	481.0	217.5	494.8	438.7	77.3	27.9	27.3	1853.5
1971	00	8.2	00	00	37.2	143.2	269.7	344.8	590.1	495.5	27.0	65.1	1983.8
1972	1.1	1.0	00	2.8	94.3	324.0	1457.6	303.6	40.2	0.3	0.5	00	2225.4
1973	00	00	00	12.7	22.2	164.3	319.7	218.2	584.7	376.5	49.2	00	1727.5
1974	00	00	00	28.5	125.4	394.3	25.5	988.7	454.0	344.2	118.3	4.5	2483.4
1975	23.1	00	00	12.2	55.7	375.4	63.0	812.9	85.8	132.6	00	5.7	1546.2
1976	00	00	00	3.3	261.3	283.9	211.1	173.3	154.7	63.4	11.8	00	1162.8
1977	9.6	00	00	20.4	33.2	189.0	455.8	627.6	621.8	00	86.0	00	2643.4
1978	00	00	00	51.6	119.0	429.2	227.8	443.7	259.1	107.2	41.5	00	1679.1
1979	00	00	00	15.9	420.7	95.0	525.6	483.4	114.4	78.6	17.3	6.0	1757.9
1980	38.8	00	00	00	89.5	80.2	579.5	124.9	475.9	110.2	79.3	00	1579.3
1981	0.5	00	00	0.2	230.6	587.2	205.9	508.3	235.3	83.7	31.6	00	1813.3
1982	00	00	00	0.8	67.8	345.8	772.5	630.2	180.3	38.8	26.2	15.6	2058.0
1983	0.3	12.2	28.0	2.2	27.7	249.0	196.6	664.1	353.4	60.8	00	4.0	1616.1
1984	00	00	00	285.2	178.2	248.7	187.4	718.3	60.4	14.3	19.8	00	1711.3
1985	00	00	00	00	184.0	1069.5	41.3	1615.4	134.9	327.4	23.8	2.2	2798.5
1986	16.5	0.1	00	00	543.6	88.0	355.9	1146.1	514.7	57.7	59.7	00	2779.3
1987	00	00	00	1.0	00	256.6	263.8	291.2	243.8	315.1	0.2	3.1	1368.8
1988	5.3	2.0	00	6.0	171.0	293.3	554.6	268.2	238.9	62.3	1.1	00	1602.7
1989	00	0.2	2.0	00	80.7	180.7	448.0	494.1	1152.6	138.9	00	0.6	2473.8
1990	8.6	00	00	17.6	389.0	554.5	320.7	1029.1	540.0	29.8	1.9	0.2	2891.2
1991	00	00	00	00	3.3	183.8	734.1	511.8	402.6	247.3		00	
1992	7.2	9.0	00	50.9	465.3	305.3	53.8	751.9	656.8	28.8	0.4	00	2269.4
1993	00	00	2.7	00	83.8	78.3	332.3	393.0	443.4	124.5	10.4	8.2	1474.6
1994	3.7	18.0	00	48.4	262.3	291.3	943.8	727.3	664.4	101.3	00	00	3000.5
1995	00	00	00	00	156.5	261.5	459.3	686.7	295.3	52.6	9.0	6.5	1886.4
MEAN	4.0	1.5	1.7	20.1	153.2	349.6	437.8	573.2	406.3	118.4	31.4	8.5	2043.4

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.232, APARRI, CAGAYAN

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	37.4	69.0	24.3	32.8	100.0	45.3	575.8	616.6	209.9	365.1	307.8	149.0	2609.0
1962	194.5	41.2	67.2	31.0	176.1	188.0	696.1	400.6	151.6	114.0	186.5	107.2	2354.0
1963	213.7	108.5	0.6	49.3	1.3	312.0	169.4	60.3	234.0	135.5	107.6	324.3	1718.7
1964	14.5	57.6	5.7	0.0	136.8	62.1	20.1	290.7	384.5	404.7	1028.2	391.9	2836.8
1965	417.9	9.7	19.9	6.7	114.4	276.3	232.5	112.9	271.2	147.7	158.8	145.0	1911.5
1966	13.4	41.2	33.5	50.8	269.6	66.3	90.3	70.1	272.8	368.0	699.5	282.4	2257.9
1967	93.4	66.9	34.8	84.6	10.7	420.4	81.9	577.7	356.7	534.7	192.6	302.8	2757.2
1968	63.7	45.3	51.5	65.1	40.2	165.7	443.5	487.9	443.6	85.5	33.5	33.9	1631.6
1969	44.8	25.0	33.8	5.2	45.9	129.6	265.3	17.5		379.5	288.4	218.7	
1970	266.9	37.6	140.9	41.8	97.6	198.6	75.9	218.6	125.7	426.8	632.0	196.7	2729.5
1971	262.5	102.7	121.7	26.5	15.8	117.1	416.7	158.5	159.7	612.8	608.8	283.5	2866.3
1972	135.8	167.9	106.9	31.4	161.4	63.5	142.8	204.5	170.9	175.7	182.5	39.9	1603.0
1973	111.0	4.5	36.7	0.1	16.8	162.8	93.6	234.9	208.4	665.2	1342.3	149.2	3066.5
1974	145.6	67.3	0.9	10.2	7.8	27.4	40.6	216.8	240.5	469.3	528.9	175.7	1931.1
1975	207.4	59.6	17.6	32.8	103.9	124.5	96.1	217.4	49.6	327.6	68.5	179.2	1505.4
1976	17.6	2.0	5.1	4.7	134.4	151.3		245.2	188.9	303.9	307.8	90.5	
1977	150.3	62.6	2.1	7.1	36.2	110.1	271.3	54.7	362.0	133.2	310.4	18.2	1518.2
1978	33.9	91.5	46.5	7.7	169.5	108.5	52.1	362.0	245.7	502.3	240.0	125.2	2075.9
1979	2.2	106.2	0.0	16.5	239.5	18.0	261.0	59.0	78.5	330.0	326.2	66.0	1541.1
1980	85.5	15.9	36.2	12.6	170.5	3.5	408.5	37.2	278.5	335.5	449.5	355.7	2251.1
1981	68.5	11.0	36.5	39.5	499.1	276.5	88.0	227.8	590.0	126.2	182.5	113.6	2249.2
1982	71.0	15.0	1.8	87.4	6.4	193.5	203.8	115.0	85.0	145.7	190.5	431.8	1536.9
1983	353.1	48.0	53.0	3.5	6.0	83.5	12.0	70.2	311.4	420.0	420.8	234.4	2021.9
1984	108.5	40.2	141.2	135.5	195.0	397.8	211.5	242.2	52.5	244.8	436.5	372.6	2578.3
1985	23.6	57.9	156.3	49.8	16.5	534.0	50.0	143.5	376.5	478.5	179.0	207.5	2312.1
1986	71.5	173.4	16.0	1.0	112.9	30.4		443.0	345.3	820.0	430.0	90.5	
1987	108.0	48.5	4.0	3.5	41.0	161.0	119.5	139.0	136.0	421.9	147.0	762.0	1421.4
1988							43.5	339.7	56.8	263.0	399.5	166.1	102.0
1989	69.0	62.5	47.5	9.0	105.0	99.0	103.5	265.0	244.0	333.3	129.5	35.5	1608.8
1990	122.5	23.0	12.0	17.0	125.5	456.0	141.0	506.5	215.7	392.9	175.5	142.5	2330.2
1991	44.5	92.0	19.5	19.5	2.0	8.0	395.7	352.9	320.6	310.0	271.5	52.0	1685.2
1992	130.2	13.4	26.0	82.3	73.7	121.5	142.3	139.3	261.5	371.5	154.0	60.0	1590.1
1993	158.9	32.0	14.1	6.5	6.2	88.9	42.0	115.0	215.5	318.7	130.5	165.0	1261.3
1994	67.1	23.1	31.6	17.0	114.0	21.6	250.5	203.0	234.5	59.0	110.5	14.0	1124.9
1995	72.0	95.0	12.5	0.0	124.7	83.5	363.1	182.5	258.0	186.5	349.0	255.6	1992.4
MEAN	117.1	56.4	41.1	29.0	104.9	153.6	212.0	222.4	245.5	342.0	333.5	173.6	2643.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.324, IRA, ZAMBALES

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	0.0	0.0	28.9	10.9	541.7	1076.1	1130.5	1510.4	1048.5	117.0	16.2		
1962	0.0	0.0	9.1	71.0	170.2	380.2	1314.8	446.4		32.2	43.4	1.1	
1963	0.0	1.1	0.0	1.5	69.3	1188.0	880.3	873.2	891.0	30.6	20.3	50.8	3784.1
1964	0.5	2.1	4.1	29.3	305.8	528.8	284.9	1070.3	395.1	441.5	107.0	207.0	3385.4
1965	1.5	14.7	25.6	97.4	573.0	843.5	886.7	546.2	539.5	126.2	64.5	14.5	3739.3
1966	0.0	5.8	18.3	8.9	1073.6	356.2	341.5	548.3	1035.8	78.5	221.3	62.8	3746.6
1967	2.6	0.0	2.8	28.4	213.0	1157.8	939.5	1546.1	663.0		250.3	0.5	
1968		0.0	0.0	26.5	67.1	103.0	425.3	813.9	516.8	15.2	4.6	0.0	
1969	0.0	0.0	1.3	1.8	211.1	502.1	929.2	980.9	698.9	184.3	53.9	11.4	3584.7
1970	4.1	0.0	0.8	16.4	26.9	778.5	786.0	1380.5	870.6	251.1	137.7	19.2	4271.8
1971	0.0	18.8	0.0	96.6	73.1	378.0	586.5	524.0	245.1	821.3	161.3	42.6	2747.3
1972	0.8	0.0	4.8	3.0	81.3	784.5	1753.4	1700.0	263.1	26.2	32.5	8.4	4859.0
1973	0.0	6.5	0.5	4.8	67.6	495.0	820.4	1133.3	165.4	718.2	53.9	0.5	3323.9
1974	2.3	1.5	18.8	5.0	270.4	436.2	935.2	1659.8	134.3	420.8	232.4	39.7	4124.2
1975	0.0	0.0	0.0	6.1	11.7	371.4	233.2	899.7	325.1	610.8	25.3	44.6	2527.8
1976	0.0	0.0	13.1	8.6	1968.5	365.4	414.9	651.2	833.0	41.6	13.4	64.7	4374.4
1977	29.7	0.0	0.9	11.9	281.2	242.4	945.1	682.7	997.9	18.1	330.3	0.6	3900.8
1978	0.0	0.7	1.0	2.3	368.1	577.0	809.5	2298.7	761.4	585.8	4.1	20.0	5228.6
1979	0.3	2.8	0.0	30.7	680.6	100.1	988.9	1425.2	162.0	163.1	32.9	6.8	3551.4
1980	0.0	9.8	16.2	44.9	324.7	204.2	1214.7	662.1	1096.7	187.6	284.3	0.0	4042.2
1981	1.4	2.0	0.0	1.0	107.8	1003.8	883.9	1022.9	292.3	265.2	90.7	3.2	3644.2
1982	0.2	10.4	43.7	19.4	83.8	680.5	1622.4	793.7	673.3	57.2	67.6	34.8	4086.8
1983	9.6	5.8	0.0	0.0	5.2	195.4	355.4	618.1	389.8	164.6	65.0	0.0	2120.1
1984	0.0	0.0	16.7	75.7	155.1	601.8	738.4	1787.6	135.0	326.5	13.0	20.4	4107.2
1985	4.8	1.2	54.3	49.6	113.8	1837.2	270.8	1020.5	415.2	267.1	55.7	18.8	4118.8
1986	0.0	4.8	0.0	38.0	470.8	310.9	1182.6	1391.8	391.4	180.9	52.0	21.2	4024.4
1987	2.4	0.0	0.0	1.0	69.3	682.8	660.7	634.8	432.2	45.1	28.6	5.3	2561.2
1988	6.6	22.6	33.4	53.3	576.6	563.1	814.8	724.2	428.0	619.6	30.8	0.7	3873.7
1989		19.0	49.6	0.0	243.1	358.0	754.0	1358.8	754.0	160.2	40.0	0.4	
1990	1.8		0.0	0.0	229.6	1019.0	885.2	668.4	556.0	116.0	32.8	0.4	
1991	3.2	3.2	25.8	12.4	57.0	515.6	857.6	1147.1	1136.6	211.0	47.4	2.0	4021.1
1992	0.3	0.0	0.0	69.1	190.8	355.9	1127.2	1340.6	619.9	109.4	24.2	2.5	3636.9
1993	0.1	0.0	1.0	43.4	43.9	281.0	936.4	1024.3	520.1	533.0	91.6	17.4	3492.2
1994	19.0	11.4		46.0	158.5	487.2	1461.9		273.3	106.2	0.0	0.7	
1995		0.0	0.0	0.0	245.9	318.6	555.4	611.1	860.7	206.9	66.7	28.7	
MEAN	2.8	3.9	12.1	26.1	290.1	577.3	879.3	1063.2	573.6	236.0	61.4	22.1	3736.2

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.325, DAGUPAN CITY, PANGASINAN

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		0.0	2.3	43.2	182.5	652.5	453.8	449.1	347.1	296.6	28.3	0.0	
1962		0.0	8.7	63.1	219.3	124.5	1223.9	279.0	456.9	31.0	34.5	0.0	
1963	0.5	0.3	2.6	1.0	180.4	1122.0	216.3	249.0	572.6	51.9	54.4	28.5	2326.7
1964	0.3	0.0	56.2	90.8	235.2	251.6	278.1	886.3	255.4	499.5	99.0	114.6	2769.0
1965	0.0	0.0	66.1	137.8	352.0	296.3	484.7	339.0	296.2	66.5	16.8	0.0	2055.2
1966	10.2	1.8	2.3	105.0	687.6	269.3	429.3	344.1	945.9	62.1	113.2	15.0	2931.0
1967	0.0	0.0	0.0	41.3	78.8	548.1	244.5	677.9	283.8	281.4	69.8	0.0	2223.4
1968	0.0	0.0	1.8	149.5	131.4	175.2	561.4	1498.8	373.2	29.0	64.0	0.0	2984.5
1969	0.0	0.0	0.0	43.8	312.0	260.7	731.8	456.6	336.8	136.1	59.5	5.8	2342.6
1970	10.2	4.0	9.7	91.9	174.1	534.3	292.5	610.4	292.9	223.3	31.4	18.9	2291.6
1971	30.3	0.0	0.0	85.7	119.1	447.7	332.7	355.5	179.0	204.2	48.9	31.8	1833.2
1972	13.5	2.1	29.5	26.4	79.8	295.8	2659.4	1273.8	261.4	59.6	2.8	15.7	4560.0
1973	5.3	12.9	8.7	29.2	250.8	270.8	291.3	494.9	185.6	174.8	38.4	0.0	1647.8
1974	3.3	0.0	0.0	60.8	256.3	576.2	339.4	1260.1	125.8	568.5	149.9	9.4	3348.5
1975	4.7	0.0	33.0	54.6	262.0	173.5	216.1	443.5	279.6	158.3	20.8	10.7	1699.8
1976	15.5	21.9	19.1	5.8	862.9	630.8	334.0	362.7	491.5	69.0	0.0	0.0	2849.0
1977	63.3	0.0	11.2	70.3	104.3	175.8	362.8	524.4	546.6	31.5	247.7	0.0	2664.1
1978	0.0	0.0	0.0	33.4	149.0	363.3	458.2	1069.7	368.2	204.9	76.5	1.0	2699.2
1979	0.0	0.0	0.0	70.1	440.6	125.1	315.8	699.2	224.6	218.0		3.1	
1980	1.0	3.3	24.1	5.5	204.0	232.5	703.7	182.2	331.0	221.7	159.0	4.2	2112.2
1981	0.7	4.4	0.0	40.1	116.4	534.3	417.5	704.8	187.8	133.8	206.4	1.4	2347.6
1982	0.0	0.6	1.1	153.5	178.4	248.1	865.2	532.9	156.8	85.8	2.0	46.7	2114.3
1983	13.1	0.2	2.0	0.4	61.3	97.5	141.9	692.7	222.9	111.4	37.2	7.2	1387.6
1984	8.2	0.0	31.4	94.2	141.3	312.1	222.1	1067.2	210.4	328.5	7.7	1.0	2424.1
1985	0.0	3.2	20.2	99.5	135.9	895.3	153.6	687.0	336.4	183.4	39.6	0.8	2710.9
1986	21.7	28.4	13.0	0.0	202.6	116.5	905.2	945.8	547.5	51.3	64.6	16.3	2613.1
1987	0.0	0.0	11.0	11.4	81.6	237.4	319.2	250.0	261.7	157.6	2.2	3.0	1315.3
1988	3.0	33.4	0.0	73.2	285.0	304.2	654.4	443.8	372.8	232.8	23.8	0.0	2437.0
1989	14.2	8.4	97.8	18.2	155.6	247.3	619.0	448.6	543.4	241.0	53.8	0.6	2444.9
1990	0.0	0.0	0.0	0.0	164.1	1039.7	435.7	735.5	434.5	54.3	8.8	25.4	3033.0
1991	0.0	7.6	44.8	76.6	113.6	177.3	482.9	490.7	366.0	265.6	4.0	0.0	2039.1
1992	15.6	0.0	0.0	15.6	183.8	496.2	571.0	719.9	793.6	41.2	4.4	0.0	2841.5
1993	0.0	4.4	6.4	81.6	52.7	392.9	309.0	264.9	376.7	353.5	66.3	7.5	1335.9
1994	15.1	13.4	1.0	25.2	130.9	262.1	968.8	203.2	326.6	72.0	0.0	2.0	1900.3
1995		0.0	0.6	4.0	246.5	218.0	512.8	395.0	328.3	82.1	30.0	24.9	
MEAN	7.5	4.3	14.4	54.6	212.3	373.9	520.2	593.0	353.9	174.2	55.4	11.2	2431.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.328, RAGUO CITY, BENGUET

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	15.0	0.0	119.8	83.0	189.9	575.1	1025.8	811.8	565.5	196.8	72.1	7.6	3442.0
1962	3.3	0.0	9.2	92.0	264.0	185.1	1248.3	604.4	832.7	154.3	29.6	7.9	3522.7
1963	9.5	4.3	6.6	7.9	125.5	1092.5	439.8	383.8	1457.0	76.2	41.6	46.1	3745.0
1964	3.2	0.8	18.9	158.4	233.1	520.4	299.9	1871.9	572.3	443.7	202.9	143.6	4483.1
1965	2.8	22.4	118.8	200.1	459.9	503.3	712.6	371.3	364.8	106.6	24.5	0.0	2886.7
1966	19.6	6.9	45.3	25.8	784.3	241.8	374.3	801.8	556.7	80.1	175.4	37.1	3310.1
1967	1.8	4.6	12.1	230.9	197.8	1417.9	323.8	1141.1	440.3	1560.3	109.1	0.8	5440.5
1968	4.2	0.0	8.4	51.4	275.5	348.7	1043.7	1672.3	1430.8	31.2	18.8	0.0	4930.8
1969		0.8	7.2	85.9	344.0	382.3	1211.8	818.3	894.9	279.1	52.0	48.6	
1970	21.2	2.9	21.3	68.8	340.6	417.4	405.9	678.8	816.0	174.5	65.4	50.6	2861.6
1971	12.7	12.1	4.2	144.4	182.8	498.6	1321.1	756.6	385.5	306.4	66.7	46.8	3768.7
1972	18.8	1.8	12.3	80.2	328.3	455.4	4773.9	1040.9	331.3	50.9	45.5	25.6	7165.9
1973	0.6	0.0	1.1	51.5	106.2	372.5	418.7	537.4	225.2	816.2	54.4	13.5	2597.3
1974	20.1	0.0	7.4	97.2	272.4	549.7	389.5	1487.5	332.4	2273.5	636.1	48.7	6114.5
1975	17.1	0.0	2.3	57.9	215.2	224.4	152.5	787.9	477.4	295.5	27.5	43.1	2300.8
1976	21.6	0.0	38.7	21.4	1304.5	1224.8	372.3	677.0	373.0	176.3	81.5	7.5	4303.8
1977	30.2	0.0	5.9	30.8	294.8	159.3	694.5	784.2	1281.4	148.8	186.6	0.0	3618.5
1978	0.0	0.0	5.8	64.6	265.9	431.4	613.4	1412.9	583.9	344.8	20.9	29.7	3772.4
1979	13.0	1.4	1.4	117.1	410.1	239.1	586.7	1078.4	250.2	206.2	20.7	48.1	2972.4
1980	1.0	1.9	16.8	4.8	1040.4	88.3	1323.3	237.6	562.2	210.8	885.0	35.4	4407.5
1981	38.6	2.8	0.0	253.2	248.2	626.5	465.2	1165.4	634.7	196.3	206.4		
1982	0.5	22.7	21.5	168.2	228.9	340.0	1146.8	921.4	443.6	238.2	123.8	47.3	3702.9
1983	40.4	15.4	10.4	0.0	95.6	202.9	279.3	933.0	391.7	176.4	72.2	0.8	2218.1
1984	10.6	0.0	54.8	209.5	525.6	442.4	268.1	1512.5	397.7	322.4	17.3	2.3	3781.2
1985	7.4	48.0	57.5	219.7	410.7	1540.7	183.5	1424.6	512.1	265.2	76.3	15.4	4785.1
1986	18.2	11.0	6.7	3.6	531.1	229.4	1435.7	1208.1	1050.2	146.6	41.5	17.9	4737.0
1987	0.0	0.0	8.2	29.4	234.5	381.6	304.6	814.7	413.9	503.5	9.5	27.2	2727.6
1988	14.6	36.9	0.1	119.5	306.4	546.5	928.6	240.7	312.1	451.0	23.4	3.4	2983.2
1989	50.2	64.3	113.0	51.2	334.5	343.5	1508.8	506.0	1532.0	355.1	106.5	0.2	4970.1
1990	0.0	0.0	6.9	15.7	345.9	1088.1	585.0	1589.9	861.5	109.5	51.5	8.5	4873.5
1991	0.0		10.6	125.6	124.0	177.8	586.4	677.2	593.8	1735.3	15.5	1.2	
1992	8.1	0.4	67.8	23.6	483.2	517.6	473.4	1403.8	1611.5	119.5	21.0	0.6	4530.5
1993	2.0	3.6	4.0	88.4	37.8	1024.3	410.9	431.9	492.0	584.6	172.4	25.7	3277.6
1994	23.1	5.0	54.6	103.5	353.4	193.1	1131.2	723.7	178.4	114.4	9.7	3.7	2993.8
1995	0.0	4.4	0.0	32.3	227.2	151.1	470.3	704.7	288.9	139.1	102.7	59.7	2180.4
MEAN	12.6	8.0	26.3	68.8	345.2	500.6	803.1	806.0	648.2	382.0	110.5	25.2	3547.2

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.330, CABANATUAN, NUEVA ECIJA

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961			50.0	2.0	158.9	590.9	460.0	399.7	287.5	159.3			
1962	4.8	0.0	2.5	37.2	133.5		468.4	290.0	425.4	35.8	57.8	0.3	
1963	0.0	27.8	1.3	0.0	144.2	528.2	277.3	389.3	358.1	10.8	14.0	62.4	1754.1
1964	9.3	1.4	68.8	7.2	124.2	364.1	224.7	429.9	268.8	330.0	287.5	197.1	2334.0
1965		0.0	0.0	135.6	162.9	351.8	608.1	242.9	245.0	119.4	118.1	19.4	
1966	1.6	0.0	7.9	24.4	588.6	118.1	223.5	482.0	223.6	114.1		45.8	
1967	2.8	0.0		14.1	202.3	384.6	262.1	400.2	628.7	295.8	86.7	0.0	
1968	5.8	0.0	0.0	22.1	144.1	90.4	242.0	587.0	330.0	219.8	51.3	0.0	1722.5
1969	6.5	0.0	0.0	6.8	86.2	287.0	369.7		314.9	127.2	57.5	13.0	
1970	1.5	1.3	4.9	22.8	16.6	234.6	169.0	361.9	179.3	217.0	76.5	34.5	1319.9
1971	1.3	2.3	11.5	0.8	279.7	237.2	357.5	213.0	233.4	360.1	161.9	168.7	2051.4
1972		0.0	31.5	12.9	150.2	144.4	1064.7	434.9	305.4	17.5		16.4	
1973		3.3	0.3	2.4	126.4	243.5	245.3	603.3	148.9		191.9		
1974			1.0	73.2	14.5	323.6	258.3	626.3	144.6	490.0	228.6		
1975	16.1	0.3	18.8	7.7	121.4		205.9	253.6	258.7	256.0	33.0	143.7	
1976	2.4		11.2	0.8	938.9	468.8	142.7	385.3	350.3	25.5	32.6	44.9	
1977	6.4	0.0	8.9	6.9	90.7	170.7	369.5		285.9	0.0	190.9	0.0	
1978	0.0	5.4	0.0	0.5		291.6	433.4	604.8	569.8	514.1	38.5	19.2	
1979	9.8	1.1	0.0	4.2	134.4	134.2	223.6	300.2	140.9	87.4	127.0	12.5	1235.1
1980	1.2	0.6	114.7	0.0	218.2	170.2	299.1	173.1	412.7	125.5	478.2	27.4	2020.9
1981		0.0	0.0	45.1	123.6	511.5	300.7	327.4	202.2	137.7	136.7	1.3	
1982	0.0	1.6	12.6	44.1	36.8	172.6	624.5	467.3	250.4	51.3	78.3	49.2	1788.7
1983	1.6	0.0	1.0	2.5	67.5	148.9	152.7	427.4	317.7	179.3	52.3	0.0	1350.9
1984	45.2	0.0	29.0	120.7	201.9	376.0	228.4	692.2	136.3	275.1		0.0	
1985	0.0	7.0	0.0	68.8	11.0	717.7	252.4	437.4	388.2	205.6	94.9	27.6	2296.6
1986	0.0	24.7	1.5	1.8	338.3	299.4	477.3	328.0	422.4	242.7	141.2	29.3	2306.6
1987	0.0	0.0	0.0	9.8	78.6	128.8	139.7	385.7	345.9	124.0	53.2	61.7	1328.4
1988	5.3	18.3	0.3	41.0	145.9	228.1	425.8	379.9	165.2	568.9	50.0	31.4	2039.9
1989	21.1	11.6	71.3	2.8	164.7	189.2	313.2	253.5	335.2	125.8	128.8	0.0	1647.2
1990	2.6	0.0	0.0	2.0	183.5	548.9	688.4	299.3	263.6	115.5	72.4	6.8	2161.0
1991	7.2	0.0	5.4	2.8	31.8	174.7	169.5	385.2	545.7	87.2	39.0	0.0	1453.5
1992	11.1	1.5	0.0	24.4	151.0	163.5	438.9	362.3	424.4	143.9	41.8	14.3	1753.1
1993	0.6	0.0	3.5	7.2	34.2	359.1	260.8	338.7	271.5	641.9	171.4	67.7	2158.6
1994	6.1	3.2		1.0	32.7	178.8	534.6	217.4	353.2	83.9	1.2	18.6	
1995	12.8	0.0	0.0	0.0	100.4	110.3	352.2	204.3	467.4	221.2	72.4	119.1	1660.1
MEAN	6.1	3.5	14.0	21.5	155.1	286.2	349.8	383.0	315.9	193.1	128.5	38.4	1505.9

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.333, BALER, QUEZON

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		34.3	200.8	224.7	408.7	219.8	205.2	168.5	94.9	445.3	330.5	104.5	
1962	98.6	53.3	96.8	240.1	288.8	148.4	406.8	314.8	881.1	160.4	521.8	65.6	3258.3
1963	141.1	237.0	101.4	88.1	171.8	250.4	200.4	443.6	176.8	124.4	108.0	327.3	2372.3
1964	188.2	126.5	115.8		178.7	453.2	313.7	226.6	151.4	461.3	1217.4	356.5	
1965	133.3	58.0	83.5	143.9	143.1	132.7	445.9	283.1	297.7	323.0	425.5	290.7	2676.4
1966	281.1	139.2	271.1	31.6	1110.4	230.2	381.2	171.8	241.9	313.7	1152.2	509.2	4833.8
1967	129.7	86.0	121.4	237.0	54.2	139.1	138.3	254.6	202.4	138.4	408.7	54.5	1946.3
1968	179.1	57.4	182.4	232.4	244.0	141.3	160.9	111.2	167.1	105.8	292.8	42.0	1923.4
1969	65.2	38.4	45.7	204.4	205.5	221.4	363.5	356.9	136.0	211.3	426.8	166.3	2391.4
1970	135.8	59.0	217.3	326.6	235.4	503.3	59.2	104.8	563.7	1352.2	430.6	395.3	4123.2
1971	223.6	218.4	167.8	121.0	641.9	424.9	416.5	48.9	265.1	870.7	829.2	570.2	4798.8
1972	426.0	150.7	240.0	194.7	248.1	183.1	338.5	215.3	248.7	145.5	532.2	224.0	3125.8
1973	120.6	192.0	183.2	124.4	67.6	159.0	241.9	98.5	796.1	455.9	557.0	141.6	5163.0
1974	35.1	52.5	194.3	158.0	193.0	499.8	278.0	114.4	86.4	455.7	717.7	543.4	3371.3
1975	355.7	119.7	369.8	357.8	140.5	307.3	85.8	36.3	369.5	229.2	203.0	617.0	3191.4
1976	257.8	84.2	55.7	216.9	551.4	404.9	125.1	145.4	326.0	328.0	199.2	234.3	2926.7
1977	133.8	157.0	180.1	106.6	325.5	288.4	431.7	111.8	525.5	23.6	349.1	151.6	2784.7
1978	53.8	120.5	199.8	307.0	179.8	223.3	89.4	271.5	665.6	588.0	140.3	291.0	3138.0
1979		203.2	57.7	379.4	324.5	608.5	190.6	105.4	421.9	263.4	554.5	344.6	
1980	250.7	133.9	296.7	84.0	292.8	363.6	351.5	230.6	223.5	539.0	563.4	209.8	3539.5
1981	89.7	183.8	62.6	343.8	145.4	229.3	284.2	199.3	231.9	678.5	604.0	75.5	3148.8
1982	47.5	169.8	303.6	248.8	361.2	105.7	332.3	330.8	147.4	280.3	388.4	444.8	3180.4
1983	445.7	44.7	515.2	150.4	265.0	182.4	332.9	304.4	255.4	638.4	75.1	120.3	3347.9
1984	534.5	94.6	319.5	248.0	263.7	432.1	163.8	127.4	246.5	1089.2	157.5	69.9	3745.9
1985	70.7	262.4	279.5	357.3	358.5	133.4	351.8	55.0	551.6	742.9	333.8	126.8	3573.5
1986	45.9	55.1	108.4	241.2	135.0	153.1	298.5	587.3	150.3	1032.0	651.3	272.1	3611.2
1987	82.3	70.8	47.2	145.6	284.7	191.7	154.0	450.8	262.4	270.5	347.6	639.2	2947.3
1988	343.9	433.4	132.7	256.5	216.0	175.6	111.2	64.3	181.6	790.4	306.1	76.7	3096.6
1989	92.6	252.6	313.0	138.4	751.1	385.8	317.7	201.7	132.6	326.8	590.7	83.6	3558.8
1990	178.8	293.2	173.5	247.5	306.6	265.2	215.0	161.5	301.6	830.1	821.2	368.2	4342.4
1991	205.1	217.3	80.7	189.1	369.6	258.4	292.6	402.6	219.8		383.8	98.4	
1992	229.4	128.4	218.3	27.9	150.0	261.3	595.0	268.1	158.2	549.2	184.1	334.8	3082.7
1993	74.0	64.5	114.7	345.8	254.9	213.1	203.0	136.5	327.4	413.6	392.4	437.4	2978.3
1994	307.1	185.4	137.8	214.7	410.1	365.8	182.1	198.4	514.8	313.8	184.3	220.4	3214.5
1995	241.0	148.0	216.3	74.8		373.5	418.6	220.0	419.2	650.2	265.3	774.8	
MEAN	186.6	141.8	183.9	295.2	306.2	275.4	267.8	209.1	314.7	461.8	447.8	278.9	3255.6

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.336, CASIGURAN, QUEZON

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	16.8	57.7	417.1	127.8	465.5	161.5	215.3	168.1	243.3	547.1	717.9	318.5	3451.4
1962	126.6	47.8	156.6	214.4	308.3	123.0	413.2	240.9	270.7	132.1	1059.4	57.6	3152.6
1963	123.0	208.7	137.6	49.3	128.0	393.2	125.7	435.4	248.8	193.4	134.0	452.4	2624.5
1964	325.9	226.1	113.2	243.2	103.4	237.8	278.1	192.0	224.6	673.2	1099.7	302.9	4020.1
1965	466.1	153.7	53.1	91.2	151.5	278.5	322.4	326.0	104.1	133.1	568.9	426.5	3074.1
1966	291.4	194.6	163.0	82.4	1063.8	97.2	663.5	234.2	61.2	344.1	1178.0	1297.0	5665.4
1967	240.4	134.6	95.1	153.1	25.7	100.1	95.3	458.5	213.7		365.9	154.7	
1968	139.1	42.2	67.8	54.0	73.9	99.6	71.0	158.8	225.8	186.7	160.1	73.6	1352.6
1969	148.2	18.6	62.9	84.2	211.5	96.6	419.9	152.8	129.0	204.1	512.2	375.1	2414.9
1970	166.3	85.0	161.1	143.5	95.2	405.1	112.4	385.3		816.0	821.0	782.5	
1971	249.4	185.0	602.4	24.3	412.5	598.1	429.5	105.3	579.7	1097.5	1776.0	784.6	6844.3
1972	447.3	78.8	155.0	152.4	134.9	141.6	231.2	249.8	250.0	70.1	754.0	278.8	2982.9
1973	141.1	88.0	124.1	88.2	63.7	218.1	369.7	268.1	680.2	384.5	812.5	428.9	3847.1
1974	38.5	53.0	203.8	104.7	208.4	174.6	165.0	132.6	96.8	457.5	718.7		
1975			212.2	277.2	37.8	397.4	91.2	103.0	281.2	413.6	315.1	850.4	
1976	431.6	84.7	179.0	59.4	431.7	256.6	210.9	359.0	145.1	270.8	577.9	314.3	3381.0
1977	247.0	175.6	143.8	80.2	225.8	139.8	525.9	143.9	545.2	101.8	396.2	129.0	2860.2
1978	64.5	45.8	227.5	91.6	123.9	208.9	107.0	394.0	430.7	634.9	288.5	733.3	3470.4
1979	105.0	274.7	71.4	214.3	308.1	387.2	156.5	95.9	310.6	232.7	646.2	158.3	3010.9
1980	189.7	306.8	242.0	95.9	218.5	351.6	329.6	288.1	187.2	486.2			
1981		49.2	44.7	77.6	148.1	163.3	379.9	217.9	384.0	664.6	751.5	192.5	
1982	94.0	94.6	133.1	184.6	341.7	58.4	289.3	450.8	246.0	111.6	533.0	633.5	3180.6
1983	375.3	96.5	220.7	58.9	240.0	106.8	431.3	122.8	229.2	856.9	233.4	100.8	3072.6
1984	358.2	96.2	173.2	309.5	179.0	277.5	291.1	265.3	73.9	1132.6	106.9	328.7	3592.1
1985	85.1	240.1	131.8	208.4	238.5	156.6	382.0	58.8	681.1	866.9	410.8	146.0	3626.1
1986	175.0	39.5	172.2	45.8	223.0	44.4	194.3	228.2	100.8	1151.4	735.4	345.9	3456.9
1987	164.6	62.7	20.2	60.3	48.1	227.8	91.5	209.4	82.7	171.2	325.0	534.8	2056.1
1988	439.6	782.3	86.7	450.5	78.0	217.3	115.0	30.6	179.3	851.7	266.3	202.1	3689.3
1989	439.7	252.2	361.5	104.5	450.4	275.6	334.2	124.1	247.1	431.7	432.3	55.9	3449.2
1990	290.1	168.6	155.1	96.6	142.3	451.8	195.5	184.8	90.5	769.7	658.5	613.5	3814.8
1991	167.0	318.1	76.7	315.2	234.0	218.2	372.4	384.1	299.4	125.5	467.3	156.8	3130.7
1992	179.1	78.7	66.5	9.2	151.8	112.4	464.1	105.5	302.6	473.3	361.8	451.6	2766.6
1993	96.5	214.3	127.6	124.0	193.0	172.6	161.1	223.1	313.6	644.5	590.5	996.2	3802.2
1994	576.3	87.9	319.6	164.4	259.1		203.3	92.6	361.8	329.2	314.1	228.2	
1995	372.9	212.2	141.4	58.9	273.1	165.1	360.4	302.9	510.3	777.0	355.6	1295.4	4713.2
MEAN	233.1	155.0	187.6	131.8	229.9	220.9	274.2	225.4	276.1	434.9	570.9	427.9	3437.2

Note : Blank means that the data are not available



STATION NAME : SYNOPTIC NO.425, FORT AREA (MCO), MANITA

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	0.2	7.9	7.2	2.9	152.3	614.2	367.2	438.3	324.5	225.2	117.4	4.1	2281.4
1962	3.3	0.3	14.6	64.2	50.3	108.5	999.0	352.3	562.5	31.0	91.5	7.9	2285.4
1963	0.5	0.5	0.3	1.3	15.7	548.6	379.3	226.1	502.9	97.1	44.4	40.2	1854.9
1964	9.3	1.3	42.5	21.0	102.8	439.2	240.5	482.1	244.3	209.2	272.2	102.7	2166.9
1965	10.7	9.3	2.3	67.5	221.1	206.4	403.5	398.1	285.6	131.4	92.8	36.4	1865.1
1966	4.2	14.6	0.0	0.0	488.6	96.1	270.3	365.4	741.4	77.4	235.7	85.0	2358.9
1967	23.7	6.7	1.0	1.8	39.3	725.0	225.5	362.4	343.8	166.7	86.1	5.8	1989.6
1968	6.3	0.0	7.1	0.0	95.6	110.4	420.5	467.5	312.5	99.5	12.9	0.0	1532.3
1969	5.9	0.0	15.7	5.8	14.9	169.0	334.7	384.7	390.2	219.1	47.0	66.0	1872.8
1970	5.9	0.3	2.6	11.8	44.5	163.7	425.4	358.6	655.1	258.5			
1971	3.0	3.9	45.0	52.0	116.6	393.1	333.3	211.0	145.8	309.5	270.0	145.4	1938.6
1972	39.4	0.0	42.2	1.6	162.6	417.8	1743.3	555.1	211.7	93.1	74.7	15.3	3337.0
1973	9.1	2.9	4.6	0.0	54.0	189.3	302.6	277.1	145.3	276.3	170.5	75.2	1506.9
1974	0.6	0.0	0.0	57.1	86.3	411.3	287.6	1188.1	30.4	319.6	352.5	130.0	2863.7
1975	18.7	3.3	0.5	26.4	56.0	196.3	100.1	505.9	260.7	310.7	190.6	113.6	1654.8
1976	66.2	2.0	0.5	1.0	622.7						82.8	87.9	
1977	59.2	8.2	4.4	2.8	265.5	199.8		525.6	621.0		76.6	5.6	
1978	0.2	6.0	1.6	12.4	187.7	161.4	206.8		435.1	626.9	124.1	46.6	
1979		0.2	0.0										
1980													
1981						430.5	268.6	193.6	172.0	164.3	150.7	74.0	
1982	1.6	4.0	5.5	27.5	27.5	182.2	492.3	349.5	243.7	58.7			
1983		1.1	0.0	1.4	0.0		177.1		250.1	239.0	9.4	4.6	
1984	25.3	0.0	7.6	12.6	169.1	443.2	218.6	500.1	139.8	311.3	55.8	10.1	1893.6
1985	1.2	0.9	6.7	75.5		867.3	239.2	301.1	291.1	293.6	132.5	45.1	
1986	0.7	43.3	0.0	16.6	264.2	149.0	632.3	710.8	545.4	623.0	250.3	53.0	3263.6
1987	3.9	0.0	0.0	2.4	27.4	224.1	147.0	236.1	294.6	170.6	95.2	11.2	1272.5
1988	66.2	9.6	0.8	12.5	116.0	367.7	426.5	279.5	341.0	573.4	135.9		
1989	10.9	15.8	64.3	0.7	163.2	158.7	377.6	765.2	185.2	180.8	31.1	1.2	1844.7
1990	5.6	0.0	5.6	3.2	152.1	366.6	561.4	501.3	520.0	140.9	151.9	76.8	2495.4
1991	22.5	6.6	12.7	12.8	29.6	203.3	366.5	713.9	305.4	79.6	76.6	5.2	1834.7
1992	4.6	0.0	0.0	0.0	104.6	160.6	319.0	562.7	524.1	231.0	126.9	3.6	1837.1
1993	0.0	0.2	1.0	0.5	7.0	219.2	217.3	437.6	254.2	249.4	206.2	146.0	1768.6
1994	41.2	1.6	12.0	22.4	188.7	241.8	761.7	367.8	276.4	80.7	44.7	96.3	2115.3
1995	3.4	23.0	6.8	4.0	110.6	225.8	342.1	538.2	493.6	335.5	264.7	142.7	2490.6
MEAN	15.9	5.5	9.5	18.4	140.6	301.4	406.7	451.2	353.4	232.9	128.5	57.2	2094.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.427, TAYABAS, QUEZON

PERIOD OF TARGET YEARS : 1971 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971	109.9	85.9	144.7	65.1	494.8	427.4	423.7	79.0	157.0	472.5	522.3	654.1	3858.4
1972	204.8	61.1	76.8	90.7	284.3	283.6	487.5	245.4	282.1	332.0	597.5	297.2	3272.8
1973	194.4	68.5	47.4	101.5	81.1	185.0	254.0	186.1	243.1	455.4	551.0	790.8	3098.0
1974	41.4	134.3	65.3	50.8	245.6	205.2	144.3	149.4	183.1	373.4	651.3	597.5	3042.8
1975	229.5	79.2	152.1	345.5	82.7	274.5	147.5	136.4	489.2	205.3	385.9	892.7	3422.5
1976	213.9	27.3	43.4	38.2	1060.8	214.8	159.7	307.3	278.3	517.6	653.5	616.4	4143.2
1977	159.4	188.7	96.7	36.3	149.5	182.6	325.3	235.2	237.9	415.5	583.9	194.3	2803.3
1978	137.7	64.5	19.7	120.9	154.5	161.0	155.9	223.0	505.1	873.9	419.9	319.1	3155.2
1979	102.3	50.8	6.5	224.1	171.0	308.0	51.9	131.1	350.4	239.1	371.7	118.7	2165.6
1980	67.9	86.3	227.3	25.1	130.6	543.8	279.2	236.2	139.4	636.7	510.8	260.0	3143.5
1981	120.6	29.0	16.1	51.9	201.8	254.7	281.3	75.6	299.7	587.9	945.5	332.4	3235.5
1982	126.8	90.8	35.6	51.9	65.8	49.1	213.6	218.6	486.9	133.0	290.4	241.2	1963.5
1983	253.3	9.0	26.2	41.9	19.3	105.9	785.0	105.3	217.3	942.9	293.1	128.4	2837.6
1984	194.3	75.4	42.8	117.5	131.5	186.2	60.3	241.1	912.3	621.8	223.5	102.0	2328.7
1985	95.3	29.9	254.8	169.6	275.3	437.6	165.9	4.6	470.3	447.7	450.0	272.8	3693.8
1986	197.7	44.2	27.8	87.9	74.0	289.0	448.5	255.0	179.3	1067.6	600.7	168.8	3440.5
1987	239.8	43.0	73.6	76.1	41.4	423.8	128.6	357.7	196.7	179.5	388.3	673.0	2791.7
1988	354.2	207.5	50.2	243.5	230.5	236.4	134.9	87.3	365.6	1030.4	756.6	85.6	3782.9
1989	174.8	223.5	288.7	88.4	330.3	297.6	270.1	121.8	215.1	553.0	124.2	79.4	2766.9
1990	10.9	67.5	110.1	6.5	154.5	262.0	254.1	411.7	189.6	384.7	618.6	472.5	2942.7
1991	103.2	221.7	164.3	78.3	133.0	377.6	342.0	207.7	111.3	247.2	562.2	438.9	2987.4
1992	51.6	94.5	75.3	68.5	217.5	149.7	435.6	143.9	203.4	272.6	859.1	266.6	2838.3
1993	90.3	42.0	38.9	5.5	3.9	188.2	372.8	258.4	257.2	607.6	506.0	1057.4	3408.2
1994	241.6	61.5	111.6	199.9	95.2	282.0	235.9	168.0	258.4	372.0	337.3	431.6	2754.2
1995	171.0	153.0	12.7	25.9	147.4	259.7	236.9	244.1	600.7	472.1	921.5	843.9	4138.9
MEAN	155.5	89.5	88.3	97.3	189.1	262.6	275.8	192.5	284.9	499.7	528.2	414.3	3085.6

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.428, SANGLEY POINT, CAVITE

PERIOD OF TARGET YEARS : 1971 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1971													
1972													
1973													
1974									48.2	225.9	313.1	73.8	
1975	10.6	0.0	0.0	55.1	17.6	257.8	109.7	327.6	78.7	147.6	65.3	68.5	1136.9
1976	7.7	0.0	0.0	0.0	466.7	242.4	175.4	509.8	427.1	24.0	10.5	13.7	1877.3
1977	150.9	4.1	0.8	0.0	26.8	82.7	439.1	432.4	549.6	26.2	252.0	11.2	1943.8
1978	0.0	5.8	0.0	4.3	168.8	195.1	247.7	703.7	313.0	407.1	10.5	29.9	2085.9
1979	0.0			64.0			341.3	618.8	211.1	75.5	35.8	0.0	
1980	0.0	0.0	54.8	0.0	88.5	131.2	359.3	104.4	214.8	172.0	163.9		
1981	0.0	1.8	0.0	0.0	17.3	393.0	429.3	220.7	186.7	99.0	174.8	35.4	1517.8
1982	0.0	0.0	2.0	0.4	23.3	124.8	270.4	305.5	203.7	24.3	5.4	49.2	1008.6
1983	51.4	6.3	0.0	0.0	0.0	68.9	185.4	358.5	309.0	264.3	12.1	0.7	1367.1
1984	15.7	13.2	4.8	19.0	102.7	526.4	161.7	715.9	153.9	429.8	30.5	5.8	2173.4
1985	0.1	3.1	6.8	28.4	8.0	760.2	249.0	253.8	156.8	386.9	77.8	31.5	1956.4
1986	0.6	14.8	0.2	19.0	98.1	97.4	693.9	727.5	431.2	642.1	179.0	51.2	2955.0
1987	0.8	0.0	0.0	2.3	50.9	391.7	265.6	291.8	414.2	139.2	94.7	123.6	1704.8
1988	58.1	1.6	1.3	25.2	145.3	414.8	401.8	112.9	111.1	544.5	167.7	2.0	1986.1
1989	22.4	19.7	16.2	0.8	284.2	151.5	482.9	652.8	264.0	189.0	31.9	1.8	2117.2
1990	5.5	0.0	5.5	8.4	179.9	513.3	534.4	633.6	399.7	97.5	179.1	51.8	2596.7
1991		2.8	19.9	10.6	13.4	153.8	437.5	1324.3	326.7	49.4	98.5	6.0	
1992	13.7	0.0	0.0	0.8	44.2	167.1	370.7	745.0	478.5	266.2	152.0	6.1	2242.3
1993	2.3	0.0	0.0	16.3	11.8	334.2	410.2	400.6	242.9	158.0	155.5	122.2	1852.0
1994	28.4	8.0	5.2	36.9	81.6	240.8	677.7	442.4	245.0	73.4	5.0	87.2	1923.6
1995	4.6	25.8	0.0	1.2	139.9	270.3	340.0	625.4	544.6	290.9	71.1	84.3	2298.9
MEAN	18.6	5.0	5.9	13.9	98.4	273.6	355.8	495.5	288.9	218.0	103.8	40.7	1930.7

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.429, NAIA (MIA), PASAY CITY

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLIMETER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	6.5	6.0	5.2	9.7	192.8	523.1	279.0	444.2	304.8	391.7	130.2	6.4	2261.6
1962	2.6	0.0	2.9	53.8	78.9	144.8	661.5	380.8	544.2	20.1	91.8	0.0	1990.1
1963	0.3	0.6	0.0	1.1	3.4	372.5	319.5	283.7	476.0	43.4	32.1	114.2	1652.8
1964	12.1	6.4	1.3	11.8	52.0	437.3	270.4	409.9	261.4	197.7	208.1	37.0	1945.4
1965	2.7	0.3	2.0	18.6	178.4	206.9	353.9	320.5	241.3	59.9	101.9	30.8	1513.4
1966	12.1	10.9	0.0	1.0	436.8	100.5	242.0	195.0	875.2	81.5	190.1	105.8	2030.9
1967	40.2	6.8	0.5	1.0	45.5	476.8	239.6	583.9	260.5	141.7	134.3	8.6	1944.2
1968	4.8	0.0	2.6	0.0	7.6	123.3	440.6	430.3	325.2	101.9	16.3	0.0	1457.6
1969	0.3	0.0	7.9	0.2	6.9	124.0	385.5	264.4	333.9	172.8	71.3	83.4	1472.6
1970	58.8	0.8	1.9	0.0	49.9	218.7	397.4		642.0	248.5			59.5
1971	3.0	0.5	44.5	13.0	117.0	343.0	350.0	164.4	120.4	371.0	158.0		
1972			18.3	0.0	206.4	391.9	1814.2	604.6	206.8	55.5	38.8	24.3	
1973	1.8	0.0	2.3	0.6	25.8	154.6	229.1	444.6	148.5	301.7	238.0	77.7	1622.3
1974	0.0	0.8	8.7	0.5	110.1	374.7	268.7	713.6	55.5	194.1	272.2	111.6	2119.5
1975		0.0	0.5	47.4	7.7	159.7	96.1	462.5	206.8	432.2	148.5	139.4	
1976	2.8	0.0	7.4	0.0	680.4	205.4	165.1	558.3	302.4	46.4	45.0	66.1	2059.3
1977	34.9	10.4	8.9	0.0	105.9	78.8	419.4	347.2	591.3	66.4	240.1	18.1	1921.5
1978		0.0	0.0	5.8	155.9	196.4	320.5	737.0	888.4	554.3	88.4		
1979		0.8	0.0	60.3	181.3	167.9	298.7	373.5	251.0	89.0	32.3	0.0	
1980		0.0	43.9	0.0	41.9		364.8	212.0	312.4	162.5	260.4	21.6	
1981	1.0	3.0	0.0	3.3	28.3	418.4	344.4	247.7	230.4	188.5	175.1	43.0	1687.1
1982	0.0	0.0	0.1	60.0	8.6	89.2	279.2	277.8	231.4	26.3	34.8	33.4	1038.8
1983	19.0	0.0	0.0	0.0	10.0	87.8	113.1	229.9	183.5	296.8	23.4	2.0	965.5
1984	4.4	5.2	3.6	1.5	49.5	412.2	141.4	577.3	164.3	329.3	23.0	5.8	1717.5
1985	0.0	4.8	0.0	23.6	4.0	800.2	372.8	139.8	274.5	235.4	27.2	27.9	1910.2
1986	0.0	2.4	0.0	20.2	128.5	108.1	574.5	552.7	401.2	727.3	211.1	40.8	2768.8
1987	3.8	0.0	0.0		18.8	267.9	218.4	313.1	268.1	171.3	107.3	127.1	
1988	25.4	3.2	0.0	15.8	174.8	389.7	273.3	154.1		617.2	149.8	0.0	
1989	19.7	30.3	17.4	0.0	180.8	112.0	285.4	399.3	158.0	268.9	38.2		
1990	2.4	0.0	13.4	0.0	197.0	343.6	341.9	549.4	360.9	243.1	161.6	33.6	2243.9
1991	2.2	5.0	18.9	15.5	11.5	32.3	304.1	945.3	386.3	32.7	71.7	14.2	1837.7
1992	4.4	1.9	0.0	68.2	39.3	98.8	451.9	835.0	318.0	243.5	168.0	9.0	2040.1
1993	0.0	0.0	0.0	3.0	1.0								
1994	0.0	0.0											
1995	0.0	0.0	0.0	0.0	0.0						174.2	88.6	
MEAN	8.8	2.9	6.2	13.2	101.6	257.9	363.0	418.0	320.1	221.7	120.4	45.8	1825.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.430, SCIENCE GARDEN, QUEZON CITY

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		74	63.6	38.8	124.8	580.6	418.4	593.5	383.8	272.5	109.4	11.7	
1962	31.8	0.5	7.6	63.4	94.3	189.0	989.8	343.5	484.8	50.4	92.3	10.8	2378.2
1963	3.1	0.0	8.7	0.5	87.5	578.8	349.3	442.3	494.7	153.5	50.7	84.8	2263.0
1964	32.2	2.1	15.5	20.1	178.1	511.4	373.2	693.7	253.2	221.0	258.1	118.8	2873.5
1965	23.9	12.0	0.0	15.2	248.1	390.2	525.9	337.0	368.9	58.5	142.4	37.3	2155.4
1966	16.4	34.5	6.8	8.7	670.1	27.7	308.8	279.1	650.0	107.2	358.7	84.6	2570.4
1967	33.3	7.9	5.7	4.8	100.7	936.6	509.4	489.6	378.3	125.1	73.6	8.3	2673.3
1968	7.1	1.3	1.1	0.8	133.7	188.8	412.3	708.7	379.8	154.7	10.7	0.0	1999.0
1969	0.0	0.0	0.0	11.1	44.3	151.4	213.4	462.7	417.0	233.7	84.2	48.9	1647.3
1970	8.0	0.0	8.0	46.5	38.5	148.8	445.1	514.5	872.9	435.3			
1971				36.0	199.7	250.5	438.1	238.7	111.3	386.8	235.0	159.8	
1972	39.5	2.6	40.3	42.4	176.8	492.7	1885.3	583.7	256.5	65.2	100.8		
1973	5.8	1.9	0.6	0.5	22.7	587.2	285.2	402.7	261.7	348.9	198.8	69.8	1955.9
1974	0.3	41.9	2.1	34.6	89.5	456.1	277.9	1428.8	60.0	301.0	372.3	107.5	2873.0
1975	16.2	0.5	0.5	29.2	72.1	290.7	144.9	551.4	242.8	507.8	70.2	167.0	2093.3
1976	60.9	2.0	12.1	6.9									
1977	86.4	3.5	25.5	5.1	63.5	180.3	388.8	539.8	502.8	54.1	337.4		
1978	2.0	7.4		31.2	196.1	174.4	269.7	712.6	562.1	576.0	78.4	47.6	
1979	2.8	0.0	0.0	72.3	213.2	152.1	518.6	549.8	278.9	124.0	29.2	23.0	1964.9
1980	0.0	0.0	81.7	0.0	157.1	171.9	496.4	257.5	449.3	346.7	202.0	25.0	2107.6
1981	0.1	9.0	0.0	29.3	81.1	589.2	403.2	335.5	251.8	292.0	181.1	87.4	2259.7
1982	1.5	0.7	28.6	48.0	75.9	191.3	612.0	423.9	321.4	107.0	109.2	50.0	1969.5
1983	34.9	2.1	0.1	0.0	27.8	132.6	307.2	575.5	257.0	292.9	25.7	0.0	1658.1
1984	15.4	1.7	23.0	61.0	134.4	438.3	233.9	613.2	252.7	433.8	101.4	3.6	2371.6
1985	1.0	10.6	61.8	143.2	28.3	680.1	311.0	249.4	474.2	325.4	101.2	43.8	2629.5
1986	0.2	3.0	0.0	25.0	242.6	181.6	797.3	796.4	618.8	649.8	241.6	74.0	3609.1
1987	3.8	0.0	0.0	12.6	93.6	230.2	164.3	328.6	493.6	160.8	127.7	102.7	1827.9
1988	85.5	38.4	1.2	23.4	153.6	482.7	483.1	157.1	373.2	629.1	165.4	1.8	2604.5
1989	14.6	14.6	72.4	69.4	220.2	266.0	431.3	708.3	271.7	241.9	55.5	0.0	2455.9
1990	5.1	1.6	2.4	18.6	154.4	463.9	582.7	803.0	589.9	252.5	303.8	99.2	3113.1
1991	12.3	8.3	6.8	24.9	50.4	260.1	530.8	724.8	373.4	148.5	124.0	2.1	2244.4
1992	5.2	1.0	0.0	0.0	87.6	147.0	520.0	768.8	385.3	209.1	143.4	7.3	2274.7
1993	0.0	1.0	16.2	15.8	1.4	325.3	496.9	474.7	518.3	351.2	224.2	185.4	2580.4
1994	49.4	24.7	42.2	29.9	184.7	421.9	799.6	343.4	426.5	155.7	7.6	113.0	2600.8
1995	17.4	8.1	2.2	8.6	302.5	392.8	359.7	646.9	748.6	349.1	184.8	189.7	3208.4
MEAN	18.7	7.4	16.7	29.5	141.0	344.8	478.6	517.1	402.2	268.2	147.2	63.3	2378.6

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.431, CALAPAN, ORIENTAL MINDORO

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		41.6	77.1	43.3	485.4	267.0	22.2	203.3	75.5	238.1	305.4	57.3	
1962	81.8	47.2	18.3	120.2	157.6	118.8	298.8	192.6	495.6	106.5	239.3	117.6	1985.3
1963	89.8	17.6	0.0	21.1	30.9	120.8	128.7	288.1	272.8	157.8	104.3	119.6	1351.4
1964	80.0	142.2	57.4	33.1	47.1	212.1	207.1	97.8	259.3	160.3	974.7	197.6	2458.7
1965	94.3	50.8	91.6	169.5	244.8	24.1	277.2	325.2	80.8	241.2	156.2	231.1	1987.6
1966	94.7	12.2	56.9	130.3	358.3	133.6	167.9	25.5	236.8	202.4	189.5	428.8	2038.9
1967	212.1	38.2	24.1	60.5	61.2	178.9	144.0		79.8	161.5	261.3	104.1	
1968	83.5	35.9	12.2	46.9	102.3	145.1	245.8	81.2	64.4	149.7	49.2	53.0	1645.2
1969	24.4	22.1	3.5	16.3	208.7	142.4	312.8	301.6	159.0	360.1	42.5	204.0	1797.4
1970	31.6		81.8	12.5	118.3	313.8	104.0	117.3	278.4	489.0	218.8	259.5	
1971	58.9	50.2	46.6	46.0	284.0	93.7	285.0	109.0	44.6	545.7	381.5	315.2	2261.4
1972	104.7	18.5	169.8	124.1	79.6	164.5	271.5	108.3	73.2	115.8	185.7	88.8	1504.5
1973	53.0	16.0	15.4	74.8	154.1	149.8	176.6	195.4	133.5	275.6	320.5	277.3	1937.2
1974	58.9	36.5	52.6	16.0	100.0	164.5	209.5	202.0	108.1	368.4	322.1	328.8	1908.4
1975	53.3	36.3	82.3	258.0	104.0			213.1	281.4	377.8	132.8	213.6	
1976	75.9	68.9	49.9	83.3	278.8	120.8	106.2	223.7	149.2	281.5	150.9	288.9	1679.0
1977	78.4	70.2	39.1	114.1	43.6	263.9	156.1	75.2	233.3	131.0	310.3	42.5	1617.7
1978	51.8	70.2	35.5	120.9	147.6	30.2	60.4	221.4	354.8	271.0	190.9	60.2	1614.7
1979	9.5	55.7	12.9	89.1	100.6	274.5	102.9	194.0	267.8	415.4	125.1	67.4	1854.9
1980	30.0	39.1	121.1	30.0	25.8	304.9	239.4	144.0	120.1	435.4	265.7	101.3	1800.8
1981	118.8	32.4	11.8	4.8	49.2	277.8	239.6	78.9	203.3	275.7	215.2	171.3	1878.8
1982	87.0	88.2	49.1	173.3	152.1	60.1	137.9	58.2	407.6	122.1	222.5	100.9	1729.0
1983	85.6	0.0	18.9	163.2	73.1	151.4	561.4	178.2	391.2	422.9	428.9	61.0	2233.8
1984	97.3	22.3	24.6	78.0	39.8	218.3	30.5	237.1		561.2	202.2	51.8	
1985	44.3	242.0	67.1	273.8	207.5	500.5	181.5	8.3	359.3	264.4	225.3	79.9	2512.9
1986	143.1	22.4	29.4	44.6	17.7	163.2	409.0	230.1	305.1	450.3	255.4	345.1	2445.4
1987	62.3	17.1	52.5	61.8	91.6	175.6	75.5	215.1	148.4	204.8	269.3	279.0	1653.0
1988	397.7	58.4	39.6	424.4	280.8	264.5	184.5	218.3	134.0	513.1	312.7	83.9	2930.9
1989	59.8	74.4	251.5	87.9	393.0	193.8	365.8	345.7	126.2	367.2	70.6	86.6	2405.5
1990	42.5	2.6	7.1	3.4	282.3	176.7	153.3	230.5	107.9	395.5	450.2	100.9	2062.9
1991	79.2	126.8	216.8	103.2	199.3	177.6	340.3	424.6	121.5	206.3	333.2	201.1	2529.9
1992	37.6	23.9	61.3	33.9	119.6	128.8	300.9	146.5	114.3	203.9	125.9	127.7	1425.3
1993	165.2	26.9	34.0	89.2	155.8	177.0	264.0	437.2	55.3	219.9	217.4	765.1	2600.8
1994	123.7	58.8	18.9	137.4	165.8	359.1	444.1	41.8	283.1	364.7	64.2	245.2	2326.8
1995	45.0	36.7	18.8	14.8	163.3	209.9	256.7	269.0	650.8	456.1	610.4	428.6	3149.9
MEAN	66.4	49.7	55.6	64.3	157.6	131.1	221.0	191.8	211.9	301.3	245.3	192.0	2015.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.432, AMBULONG, BATANGAS

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	4.1	5.6	28.8	10.3	23.8	49.2	177.1	357.8	292.5	298.7	218.5	32.3	2149.7
1962	2.3	3.6	3.8	61.0	66.1	152.8	593.8	403.2	617.6	60.2	272.3	27.2	2503.9
1963	2.8	2.2	26.9	0.8	57.3	266.7	180.5	265.8	349.5	82.7	19.0	111.7	1365.7
1964	1.9	29.3	6.9	5.2	45.4	393.0	276.3	224.5	225.2	189.6	258.5	63.4	1740.2
1965	9.9	5.6	1.3	50.4	121.7	159.2	245.1	193.7	197.3	81.9	92.3	65.6	1179.2
1966	15.1	16.6	40.2	14.4	521.2	179.7	205.3	132.4	349.0	47.0	251.7	238.5	2044.1
1967	105.9	24.3	20.3	19.8	52.1	541.7	160.6	433.5	201.5	127.9	295.4	6.6	2044.6
1968	6.8	0.0	3.9	45.0	86.1	161.5	282.7	277.0	296.2	113.9	56.2	20.4	1379.5
1969	4.1	0.0	16.4	26.3	60.3	123.9	393.2	151.9	183.4	84.0	76.4	144.1	1264.0
1970	18.6	6.6	10.2	58.6	41.5	216.9	230.0	199.7	342.2	401.1	263.0	75.1	1653.5
1971		3.5	44.7	14.8	193.1	437.1	543.5	90.0	84.7	363.8	174.8	316.7	
1972	54.1	0.0	14.3	66.0	149.7	221.2	1095.8	288.0	218.3	104.4	144.2	73.3	2427.3
1973	13.2	0.0	1.3	6.0	97.1	178.4	213.5	359.5	238.4	165.5	265.3	164.8	1745.0
1974	3.1	4.9	14.5	3.0	49.8	353.3	236.9	635.7	41.7	410.2	348.2		
1975	50.5	1.8	10.7	72.9			93.6	286.4	415.5	156.1	232.3	185.4	
1976	8.9	2.8	32.8	0.0	930.8	254.7	127.6	543.8	295.0	158.1	83.7	158.1	2661.3
1977	29.0	5.9	15.7	2.8	104.7	161.5	231.8	261.9	441.0	108.6	245.4	6.2	1874.5
1978	3.9	1.6	0.3	23.0	46.4	108.6	190.8	602.9	336.0	572.6	92.7		
1979	0.8	0.5	0.0	77.6	243.6	167.1	244.7	741.6	367.4	170.0	46.6	44.4	2106.5
1980	12.2	4.4	71.3	20.5	44.7	263.3	519.5	260.4	290.6	369.4	208.8	46.2	2135.4
1981	0.4	3.5	0.2	21.6	63.3	319.4	354.7	164.3	344.7	177.3	269.6	105.2	1869.6
1982	5.6	2.4	29.0	73.4	21.6	198.6	354.9	316.8	454.2	54.7	31.7	107.8	1650.9
1983	25.5	0.0	0.2	0.0	26.2	74.5	503.8	166.7	223.5	263.7	5.4	0.0	1279.5
1984	30.8	18.2	22.4	49.8	146.3	307.2	128.3	304.4	125.6	569.4	75.1	21.2	1798.7
1985	0.4	2.0	11.0	93.1	60.8	786.5	261.4	108.8	211.3	305.1	109.4	64.6	2034.4
1986	12.8	17.0	0.6	10.6	81.0	255.0	454.3	376.7	350.7	489.4	329.9	70.0	2456.0
1987	21.6	0.0	1.0	9.4	33.8	129.2	131.2	215.2	347.6	128.5	196.4	155.6	1368.5
1988	117.4	6.2	2.0	62.0	63.0	295.2	197.7	143.8	171.8	606.6	267.7	13.6	1971.0
1989	36.4	39.4	128.6	69.6	220.8	176.1	405.1	392.7	231.6	330.0	23.8	10.4	2084.7
1990	8.8	0.0	24.0	1.0	143.4	245.1	550.6	591.6	262.7	169.4	244.1	45.8	2283.5
1991	4.8	7.4	31.0	12.8	95.9	168.4	522.2	594.3	217.1	72.3	159.1	61.0	1946.3
1992	2.0	4.4	0.0	24.4	33.6	64.7	343.6	517.0	161.3	160.3	210.0	44.9	1586.4
1993	6.1	0.0	4.0	7.4	0.5	324.5	444.4	466.0	168.4	217.7	109.6	374.0	2122.6
1994	15.9	0.0	1.0	43.3	66.2	273.3	526.4	164.0	223.6	212.5	9.0	92.8	1556.2
1995	6.0	44.4	0.0	2.0	40.4	243.2	267.4	276.1	478.9	140.1	336.5	128.8	1965.8
MEAN	18.9	7.7	17.7	31.1	126.9	255.8	335.9	331.2	283.8	229.7	173.9	95.6	1880.4

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.434, INFANTA, QUEZON

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		200.3	252.8	168.4	280.4	317.8	83.8	204.3	203.7	897.8	741.3	437.8	
1962	382.7	168.8	105.4	218.0	278.4	202.2	264.5	212.0	827.3	281.2	541.2	308.3	3788.1
1963	562.8	190.0	138.8	73.8	134.3	134.2	243.3	479.2	239.0	311.8	308.5	781.1	3603.8
1964	348.1	301.4	190.5	393.8	119.2	420.9	377.5	118.8	516.1	575.5	1052.7	455.9	4978.0
1965	506.6	173.2	127.6	217.6	132.7	102.5	293.5	319.8	183.5	414.1	607.1	518.1	3585.4
1966	218.7	313.9	102.0	34.5	514.3	78.3	372.8	59.8	333.8	650.5	1149.8	820.4	4648.7
1967	390.5	238.1	148.5	214.6	24.8	105.1	121.4	174.8	281.8	332.4	489.3	479.8	3300.7
1968	384.0	131.3	129.5	198.9	53.8	218.7	90.3	94.3	142.2	468.3	187.0	158.2	2263.5
1969	160.1	99.5	176.8	174.4	41.2	84.7	356.5	249.1	355.8	305.2	515.2	974.2	3492.5
1970	384.7	137.6	172.8	149.9	158.3	313.2	113.7	94.2	423.5	778.1	957.0	619.8	4282.8
1971	347.4	498.1	403.9	78.1	928.4	533.8	542.8	91.3	88.2	896.2	958.8	1227.4	6596.3
1972	318.8	80.7	359.0	96.7	188.2	195.9	812.8	242.8	422.0	451.7	482.1	503.5	3959.4
1973	218.8	104.2	91.8	49.0	153.8	138.4	213.3	172.1	441.3	436.7	1013.5	1040.8	4074.2
1974	307.8	245.1	94.8	62.9	444.4	115.1	190.5	181.8	174.8	401.8	535.0	747.3	3499.7
1975	414.8	212.8	202.1	382.7	129.2	328.5	181.6	71.9	438.3	377.7	543.2	1496.2	4778.6
1976	455.9	108.1	135.9	58.5	407.9	295.6	155.7	240.8	74.7	387.9	788.6	529.4	3602.5
1977	590.2	389.1	222.0	138.8	180.9	236.8	394.9	106.8	145.2	298.4	767.1	155.8	3541.8
1978	144.4	238.4	145.2	73.0	263.6	327.6	140.3	211.8	446.5	1267.0	587.9	844.7	4458.4
1979		124.0	21.5	352.0	249.2	444.3	109.4	133.4	540.8	719.2	541.8	237.9	
1980	388.1	118.8	323.6	142.6	321.3	485.7	129.8	205.7	271.3	931.1	426.2	648.9	4391.7
1981	405.7	204.8	107.1	190.7	172.1	212.5	282.8	102.5	289.6	648.0	983.3	579.2	4190.5
1982	348.8	210.8	312.0	385.9	123.4	81.8	180.8	202.0	233.3	386.6	827.1	592.6	3733.4
1983	411.8	27.5	138.8	145.8	33.7	118.0	438.2	261.8	458.8	846.5	348.5	481.3	3706.8
1984	421.8	101.1	118.7	158.8	218.4	278.5	189.8	69.8	192.8	1774.9	380.7	471.7	4353.1
1985	194.3	208.4	195.1	144.1	241.0	200.4	631.5	25.3	555.3	979.2	774.3	760.5	4310.7
1986	377.8	245.8	89.8	245.0	71.8	183.8	452.8	421.3	244.3	837.8	724.3	289.7	4189.2
1987	274.4	125.6	30.4	45.7	85.1	96.4	70.9	230.3	264.2	277.0	470.1	1114.0	3081.1
1988	508.2	381.4	98.2	334.8	198.2	372.4	192.6	107.7	180.7	1534.2	849.8	152.3	4588.1
1989	196.3	837.1	532.1	215.4	422.4	188.6	433.8	158.2	218.5	439.2	348.2	230.8	4268.6
1990	357.1	80.2	95.3	18.8	280.8	304.3	208.4	282.9	250.5	1009.4	882.8	857.5	4628.9
1991	178.8	383.9	93.6	175.8	170.8	404.3	184.0	201.4	82.4	270.3	406.2	454.5	2983.8
1992	233.7	122.2	103.5	133.9	164.1	104.2	454.7	266.0	171.7	535.3	638.7	233.0	3199.0
1993	227.9	190.4	77.2	44.8	94.9	190.7	149.3	275.8	217.8	498.7	406.1	1433.2	3777.4
1994	468.4	147.5	187.3	116.4	161.6	415.9	63.4	104.8	274.2	422.7	185.0	412.4	2939.8
1995	380.1	503.2	109.9	120.1	216.9	468.8	305.4						
MEAN	344.9	218.4	198.6	164.0	228.2	249.4	264.7	188.8	298.8	626.7	823.3	618.3	3972.1

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.435, ALABAT, QUEZON

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	116.5	61.0	136.3	49.0	144.6	354.6	152.5	105.6		690.7	598.2		
1962		130.9	80.6	124.1	243.2	61.1		145.3	548.9	365.4	360.3	425.2	
1963	241.9	66.1	24.0	113.7	16.7	132.5	348.2	456.9	332.7	576.1	224.2	547.5	3160.5
1964	320.9	444.0	152.9	109.7	79.8	452.5	387.5	64.4	428.5	1093.8	704.8	795.6	5065.1
1965	263.0	143.7	207.4	66.1	63.1	156.6	197.6	270.8	332.3	532.3	337.2	561.4	3138.6
1966	153.6	131.6	53.8	11.9	263.7	123.4	461.3	69.9	210.1	264.7	563.4	724.8	3049.4
1967	453.4	125.2	71.9	45.3	14.4	248.1	83.4	267.0	165.9	500.1	548.5	499.2	3020.4
1968	278.1	214.3	58.9	63.1	52.1	71.5	136.2	106.0	157.5	455.5	240.5	227.6	2062.3
1969	62.0	10.6	27.7	31.5	7.6	135.2	127.1	206.8	237.1	404.5		863.3	
1970	331.4	129.8	95.0	94.9	8.5	193.2	193.3		162.4	704.4	564.2	366.1	
1971	203.5	285.3	210.5	59.1	412.9	419.3	335.3	51.4	101.9	474.9	582.2	916.3	4052.6
1972	251.0	53.6	209.1	112.2	116.7	284.6	272.8	350.0	377.4	446.6	297.4	229.4	3061.1
1973	140.5	64.5	13.3	6.5	1.9	310.0	209.0	165.3	412.5	491.2	686.2	1507.0	4027.9
1974	207.7	192.5	81.1	17.0	86.7	71.7	115.3	167.2	139.1	375.6	759.2	677.1	2890.2
1975	126.5	62.9	18.5	243.0	30.6	127.6	220.5	129.6	331.2	374.8	397.0	1865.6	3327.8
1976	167.1	62.6	112.6	18.8	332.5	309.5	127.5	395.0	189.4	339.8	1041.8	1288.0	4382.4
1977	481.5	297.6	119.2	19.1	107.4	116.6	371.2	104.3	79.9	356.9	689.0	359.8	3093.5
1978	139.2	118.0	62.5	128.7	68.7	255.4	75.1	133.8	297.0	942.1	432.0		
1979	82.8	76.6	16.2	222.8	130.2	191.6	72.7	77.4	368.9	462.5	516.7	167.7	2408.3
1980	110.3	124.3	257.1	13.2	207.6	208.7	89.7	143.9	198.6	650.9	334.0	484.7	2829.2
1981	227.6	21.1	15.4	17.7	86.2	301.6	452.9	56.0	203.6	522.7	652.1	439.5	3076.6
1982	177.8				251.5	82.5	101.2	277.0	118.0	262.5	332.5	290.0	391.5
1983	353.0	5.0	7.0	2.0	6.0	26.5	387.0	215.5	376.5	745.5	660.0	377.5	3161.5
1984	217.0	76.5	114.3	51.4	87.6	269.0	74.8	118.0	144.3	1100.5	467.0	216.5	2933.9
1985	119.0	19.0	125.0	95.0	67.5	113.5	259.0	14.5	301.7	456.0	429.0	728.5	2729.7
1986			41.0		30.5	71.0	392.0			726.4	696.0		
1987		67.5				116.5		341.5	369.5	56.5	465.8	796.5	
1988	507.0	61.0	9.5	94.3	44.0	199.0	176.0	114.0	196.5	1148.0	506.0	171.5	3228.8
1989	267.5	406.1	360.0	56.0	413.0	192.0	228.0	141.8	123.8	411.5	191.7	425.5	3236.9
1990	249.3	35.5	120.5	7.0	65.0	425.5	176.1	161.5	210.1	493.0	670.6	407.6	3021.7
1991	142.0	137.4	86.7	53.2	61.6	234.8	193.2	176.9	42.7	186.0	471.8	563.7	2949.7
1992	193.7	57.7	16.1	19.4	68.5	137.5	542.5	52.6	143.5	274.0	557.5	321.3	2584.3
1993	333.4	60.3	60.5	32.2	1.2	153.7	81.1	119.3	299.1	843.2	551.6	1215.2	3756.8
1994	285.9	79.7	155.4	165.1	160.4	373.9	61.3	69.7	262.7	280.1	281.4	530.9	2816.5
1995	169.7	227.2	6.2	19.6	178.5	228.4	331.4	317.9	450.4	544.8	881.7	1424.7	4775.5
MEAN	231.3	123.5	97.6	74.3	109.6	206.6	225.3	169.0	258.4	531.9	531.6	642.4	3253.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.437, SAN FRANCISCO, QUEZON

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	17.8	7.7	24.5	38.9			212.0	310.0	175.8	122.8	130.5	83.4	
1962	72.3	20.1	32.3	75.2			235.0	197.2	406.3	58.4		73.2	
1963	4.2	7.0	1.3	11.6	18.5	187.3	181.3	348.0	157.4	68.4	54.6	85.9	1859.5
1964	31.0	29.1	4.9	4.1	34.6	277.0	212.8	138.8	378.2	107.4	301.1	147.6	1664.8
1965	110.9	28.1	50.9	7.8	127.2	192.4	151.5	109.2	77.5	107.9	45.0	36.4	1043.8
1966	15.9	5.5	7.8	5.3	203.0	196.5	287.2	158.7	98.1	134.5	157.5	378.9	1822.9
1967	155.0	22.3	18.9	2.7	79.8	112.8	117.8	133.8	121.6	194.8	283.9	71.4	1312.2
1968		19.8	1.3	0.3	38.9	101.8	106.0	154.8	222.5	142.8	78.7	11.7	
1969	2.7	1.9	1.8	21.9	10.2	167.1	256.1	127.1	196.9	37.7	88.3	110.3	1002.0
1970	22.8	33.3	31.0	8.8	38.5	222.2	408.8	184.1	285.1		218.3	80.2	
1971	35.5	28.3	132.3	17.8	251.5	212.5	327.4	83.4	132.2	336.7	96.5	253.5	1947.6
1972	335.8	5.7	33.2	24.6	137.8	172.2	125.4	184.0	154.7	59.8	91.9	37.2	1412.1
1973	5.2	8.8	9.4	7.0	37.9	148.5	277.0	174.9	188.5	287.8	202.4	214.8	1544.2
1974	19.3	10.5	8.7	21.1	168.0	528.9	303.3	159.5	125.3	200.7	365.9	206.2	2657.4
1975	66.6	20.4	0.3	43.5	39.9	261.4	224.9	98.2	280.8	124.0	69.5	312.1	1538.6
1976	32.3	20.9	31.9	8.1	115.6	265.1	193.8	270.5	174.9	51.8	94.8	703.5	1994.0
1977	29.3	78.0	12.1	1.5	50.7	226.6	281.3	189.8	244.8	76.6	170.7	33.1	1374.5
1978													
1979													
1980													
1981													
1982													
1983													
1984													
1985													
1986	5.4	0.0	3.4	7.3	2.6	18.5	50.7	45.7	23.5	83.8	34.9	24.1	308.0
1987													
1988													
1989													
1990													
1991													
1992		1.7	0.6	11.8	38.9	188.4	224.6	177.7	78.2	127.8	44.0	60.7	
1993	28.8	7.8			5.8	89.8	323.1	214.0	133.3	100.3	89.0		
1994	50.7			28.4	72.0	223.4	187.8	99.5		52.0		69.5	
1995						78.2							
MEAN	54.8	17.7	21.3	17.1	81.8	193.4	220.7	187.3	182.7	125.9	133.3	151.0	1422.9

Note : Blank means that the data are not available



STATION NAME : SYNOPTIC NO.440, DAET, CAMARINES NORTE

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		48.2	155.8	115.1	91.7	19.3	170.1	286.6	352.7	451.4	482.8		
1962		176.7	100.1	135.2	472.7	155.1	348.6	291.5	327.8	429.0	367.9	370.0	
1963	349.3	139.8	53.8	88.0	48.5	249.9	219.5	569.1	381.3	385.8	357.0	601.0	3437.8
1964	335.8	371.4	232.6	275.2	104.8	451.1	221.1	199.7	293.3	742.1	828.0	938.8	4993.5
1965	280.7	87.7	206.1	132.7	273.0	142.5	265.7	360.4	289.8	372.1	438.5	520.4	3309.4
1966	262.0	135.6	188.8	38.5	232.6	127.9	330.3	191.3		411.2	438.5	707.3	
1967	570.5	200.6	226.1	103.1	66.1	130.2	108.9	305.0	318.4	450.1	586.9	280.8	3357.5
1968		140.8	40.7	51.8	9.1	99.0	72.0	165.8	212.4	307.0	258.3	145.7	
1969	63.0	31.0	47.4	121.8	40.9	88.9	228.3	118.9	250.5	418.0	485.2	762.8	2659.5
1970	418.7	178.5	245.9	124.2	66.2	152.0	240.7	532.9	308.7	650.0	1410.1	526.8	4854.7
1971	170.1	373.1	303.7	120.8	443.8	352.9	231.6	69.1	130.9	434.7	757.5	1178.3	4584.5
1972	512.7	105.2	414.9	282.9	118.2	184.9	155.7	192.6	279.2	496.4	291.6	363.7	3378.0
1973	306.8	92.8	47.1	19.0	1.0	181.7	261.8	258.8	324.2	631.9	652.1	1480.1	4557.4
1974	213.0	208.4	83.4	38.7	138.8	319.9	173.1	89.7	208.7	473.6	344.3	637.2	2926.8
1975	180.5	126.3	42.0	294.9	16.5	172.1	223.0	144.1	290.0	690.4	233.5	1326.4	3709.7
1976	259.2	119.1	121.3	94.2	435.0	173.4	177.5	181.3	126.6	368.8	979.5	1020.1	4036.0
1977	403.8	371.3	85.4	51.3	107.7	50.7	480.7	190.4	129.8	287.2	865.6	233.8	3257.7
1978	87.9	90.5	73.1	63.8	188.0	144.7	148.8	143.7	450.8	764.9	337.0	995.7	3488.7
1979	95.7	185.1	29.5	261.1	181.8	209.9	183.9	65.4	252.6	470.9	660.3	425.2	3010.4
1980	143.5	195.7	385.2	40.9	156.9	268.5	431.1	207.0	225.4	485.9	390.6	371.2	3321.9
1981	332.5	63.7	39.5	56.1	148.3	124.8	395.7	190.2	280.9	574.1	806.2	371.7	3386.7
1982	244.8	156.6	83.1	205.3	247.4	52.6	541.4	134.8	358.4	574.6	323.8	614.3	3537.1
1983	258.0	3.2	5.6	23.4	2.8	85.8	259.7	148.1	224.8	541.0	806.7	270.9	2629.8
1984	158.7	45.0	166.9	42.2	211.8	282.3	110.8	142.9	195.8	581.5	518.8	283.1	2737.4
1985	244.8	183.1	218.3	176.4	121.8	100.6	358.6	59.5	460.5	655.2	407.7	411.0	3495.5
1986	323.7	93.1	45.7	280.4	76.9	157.0	174.5	224.6	244.6	632.2	387.5	164.4	2804.8
1987	65.8	81.8	56.7	16.8	70.9	151.9	226.7	249.4	214.8	82.8	637.9	610.0	2465.5
1988	277.8	62.0	29.4	257.0	97.8	204.8	184.7	49.5	178.3	644.7	480.0	262.8	2705.8
1989	439.5	497.0	229.4	172.6	175.5	185.1	232.4	171.6	190.3	211.6	593.0	329.1	3428.1
1990	254.4	50.7	141.6	20.1	133.7	370.4	133.2	66.0	143.1	650.0	520.4	302.8	2846.2
1991	150.8	128.6	106.8	113.3	36.6	417.8	173.4	97.2	59.2	169.0	350.2	395.9	2198.6
1992	195.0	55.5	7.8	45.7	34.1	54.8	459.8	73.9	166.9	333.6	370.7	272.1	2099.7
1993	193.1	125.4	74.3	26.9	8.2	51.0	78.9	230.5	235.1	535.4	494.2	1007.7	3058.7
1994	388.2	88.8	105.9	185.0	122.6	289.7	239.3	61.5	349.6	212.3	173.7	362.3	2578.9
1995	171.3	139.8	28.8	61.5	166.1	179.2	203.3	239.3	327.3	444.5	1118.5	1247.6	4323.0
MEAN	263.0	148.6	126.4	118.2	137.8	182.3	241.2	191.5	258.3	482.9	545.4	582.2	3326.7

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.444, LEGASPI CITY, ALBAY

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		48.8	118.0	130.8	180.2	284.1	207.0	345.0	161.1	300.1	276.4	276.4	
1962	280.1	181.3	183.8	81.8	405.1	142.5	393.0	343.0	452.4	174.9	410.0	173.3	3221.2
1963		158.0	44.8	41.9	148.4	291.8	249.5	733.3	120.9	142.7	405.8		
1964	305.0	253.3	96.6	435.2	166.1		247.0	257.2	295.3	210.1	359.5	642.2	
1965		198.1	242.7	158.4	189.8	311.9	478.4	308.4	257.0	318.1	486.8		
1966	592.1	104.7	155.9	87.8	218.3	167.5	424.5	209.1	256.8	400.3	452.0	814.5	3891.5
1967	490.5	148.9	215.3	139.8	47.2	122.2	124.0	368.2	193.9	218.8	723.4	291.1	3084.0
1968	403.3	78.5	118.3	49.4	19.4	138.6	105.9	235.1	321.3	117.4	269.7	181.6	2038.5
1969	48.2	24.1	73.1	143.7	31.8	149.7	203.3	168.1	443.5	158.5	333.7	541.4	2318.9
1970	269.8	329.9	292.2	172.2	134.5	205.5	358.3	424.6	219.4	540.2	758.1	558.2	4281.7
1971	391.3	307.8	423.3	137.9	437.8	189.9	394.2	183.3	173.0	473.8	322.0	836.0	4228.2
1972	659.2	132.8	267.1	95.8	151.0	393.0	174.7	300.7	225.3	185.7	611.7	373.4	3570.5
1973	169.2	191.2	83.0	108.0	98.7	183.3	317.3	318.6	185.2	511.0	773.8	978.3	3825.4
1974	237.9	368.9	82.3	65.8	259.3	518.9	438.5	161.3	74.6	458.8	565.7	538.4	3760.0
1975	356.7	210.7	122.0	378.1	151.4	154.2	196.5	228.5	318.8	139.3	372.9	1549.8	4175.7
1976	688.8	160.9	251.7	104.9	423.0	210.3	155.3	390.8	215.2	294.7	410.0	845.2	4130.6
1977	239.3	217.3	141.9	114.1	245.3	107.3	378.1	233.7	391.6	213.7	657.2	175.6	3121.1
1978	55.1	90.7	152.5	124.4	208.8	292.3	183.4	385.5	353.3	559.4	251.3	454.5	3169.3
1979	137.7	241.2	69.9	272.7	129.3	302.3	244.8	148.4	484.8	234.9	321.8	248.4	2816.0
1980	222.7	289.1	298.0	86.1	64.4	535.9	298.5	350.8	282.7	662.4	313.2	288.4	5682.2
1981	463.8	158.5	81.8	150.2	138.8	349.5	238.8	255.6	352.6	491.2	882.8	477.7	4018.9
1982	227.3	348.4	250.2	121.4	180.5	136.5	391.8	250.4	568.6	247.5	386.0	354.8	3500.2
1983	137.2	11.4	33.4	52.2	22.0	283.5	532.8	112.8	269.5	271.9	458.9	471.0	2684.7
1984	492.2	191.4	225.8	33.7	107.5	387.2	167.4	357.8	170.2	438.8	663.5	180.2	3325.5
1985	305.9	182.2	181.7	181.8	140.4	263.5	313.2	64.9	240.9	386.5	417.8	281.2	2944.1
1986	228.9	152.2	92.9	388.7	90.2	183.7		218.4	272.5	484.9	337.5	165.4	
1987	110.7	65.8	42.9	113.2	43.1	138.3	246.6	245.2	290.1	227.5	653.6	602.8	2683.6
1988	268.3	119.8	85.9	287.2	118.8	186.7	174.1	93.2	147.0	693.5	897.1	295.2	3364.8
1989	549.8	678.7	331.4	251.9	260.7	393.8	169.4	211.8	327.7	220.4	232.1	389.0	4068.5
1990	447.1	104.8	32.8	63.4	295.4	364.6	199.2	278.2	207.2	442.7	386.0	358.3	3179.2
1991	180.8	140.8	202.1	104.8	273.8	519.8	314.9	292.6	170.2	212.0	388.8	470.3	3770.6
1992	233.2	134.5	54.2	48.9	128.0	120.5	327.7	275.7	209.3	184.4	264.5	351.8	2360.7
1993	181.1	112.2	150.5	35.9	119.4	218.8	393.5	375.4	293.7	388.7	702.0	847.6	3774.9
1994	590.4	76.0	169.0	277.7	134.2	195.7	317.2	65.1	253.8	170.5	127.9	464.2	2901.7
1995	274.5	92.8	45.2	113.4	138.8	197.8	348.0	372.0	392.9	261.1	843.5	1649.4	4727.0
MEAN	315.7	177.8	153.8	148.8	186.7	254.5	287.4	273.3	271.5	328.0	478.7	513.9	3400.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.446, VIRAC SYNOP, CATANDUANES

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	39.1	27.8	99.5	68.7	262.8	83.3	265.3	287.7	250.2	280.1	390.5	813.2	2898.3
1962	124.3	101.1	111.7	131.0	327.8	86.8	238.2	84.9	558.0	181.0	238.8	222.3	2403.7
1963	75.9	91.8	34.3	39.2	249.5	334.3	139.6	481.4	147.1	170.4	284.2	595.2	2842.9
1964	131.5	154.8	72.8	249.6	165.5	279.8	179.1	107.8	242.8	531.0	416.6	1030.9	3561.8
1965	252.6	144.9	145.0	112.5	280.5	243.9	514.6	167.6	186.5	345.1	335.0	244.4	2973.6
1966	320.1	59.5	125.7	25.9	216.6	129.2	301.0	100.9	76.5	311.6	437.7	558.8	2660.3
1967	322.8	56.4	80.2	130.1	48.5	82.7	91.5	214.1	120.3	219.1	340.5	180.8	1878.1
1968	196.3	38.5	92.4	11.8	31.6	128.8	81.9	151.8	301.7	249.7	221.2	53.4	1537.1
1969	52.6	34.7	23.7	116.9	125.4	194.5	195.5	275.7	85.9	147.4	527.2	315.8	2095.3
1970	118.8	248.1	177.2	153.3	47.8	247.8	168.5	199.7	222.9	878.6	897.3	511.7	3667.3
1971	199.4	318.2	192.8	108.7	327.9	228.7	317.8	73.7	151.3	421.6	402.2	856.8	3599.0
1972	451.8	110.7	216.3	50.7	133.2	315.4	133.4	213.7	272.4	192.3	332.5	260.9	2713.3
1973	103.8	50.8	31.0	17.6	58.9	95.1	227.6	197.2	344.0	809.6	413.8	880.5	3279.7
1974	277.2	158.2	65.1	121.1	206.6	824.5	188.3	128.3	107.7	502.6	627.7	453.5	3790.8
1975	117.8	74.5	105.6	324.6	133.4	328.6	172.0	126.7	348.1	252.7	224.3	625.0	2828.5
1976	315.7	164.5	219.8	65.8	805.9	346.8	223.4	365.9	141.1	215.0	517.1	639.8	4041.6
1977	154.2	132.4	79.7	47.9	111.4	172.5	264.3	78.6	307.6	104.8	857.3	54.7	2265.6
1978	40.9	57.3	87.3	119.9	170.9	183.3	160.7	143.6	435.8	415.1	499.1	404.7	2688.1
1979	105.0	93.1	21.8	161.8	80.7	227.4	276.3	80.5	359.6	296.5	456.4	116.0	2237.4
1980	68.1	118.1	129.6	56.8	159.3	534.3	251.8	134.0	207.9	337.2	522.8	180.5	2710.7
1981	167.2	106.1	29.0	40.7	53.3	162.7	130.5	54.0	326.3	490.2	768.9	212.9	2601.8
1982	179.0	134.3	189.1	298.1	188.8	43.0	389.3	111.5		260.2	233.8	280.0	
1983	187.4		80.0	47.0	12.0		213.0	84.5		294.0	871.0	262.7	
1984	171.0	65.2	154.0	47.3	68.5	150.5		141.8	139.4	384.5	402.8	191.0	
1985		111.4	161.6	185.6	218.8	290.9	385.6	28.6	486.3	632.8	431.3	589.7	
1986	393.7	81.5	62.7	242.7	23.9	131.0	170.2	131.2	157.0	665.1	435.1	70.4	2522.5
1987	43.3	25.4	52.0	19.5	74.0	143.8	597.5	152.3	89.0	204.1	606.9		
1988		50.0	57.0	314.5	57.5	132.5	190.7	208.0	95.0	493.0	325.0	464.5	
1989	438.5	161.5	251.3	58.8	200.3	235.8	131.5	69.0	120.5	217.0	305.5	436.0	2705.7
1990	124.0	13.8	20.0	38.5	268.5	404.0	81.0	141.0	85.0	291.0	296.0	173.3	1934.1
1991	35.6	42.5	35.0	51.4	54.5	236.8	182.5	171.4	60.1	192.2	273.0	238.3	1553.3
1992	214.3	101.0	87.9	33.0	68.3	153.3	335.3	73.7	107.3	293.8	138.5	195.0	1821.4
1993	63.1	126.8	94.3	47.6	20.8	324.9	151.8	196.4	228.0	602.3	547.0	978.1	3325.0
1994	300.7	103.6	81.1	106.5	85.3	322.0	335.4	108.6	342.4	167.7	64.3	350.3	2587.9
1995	202.1	121.5	61.4	117.0	109.5	197.3	321.9	438.5	501.9	381.5	948.0	1658.0	5036.6
MEAN	185.3	101.1	69.9	107.7	158.4	241.7	238.5	183.5	229.4	345.3	439.5	444.8	2717.7

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.447, VIRAC RADAR, CATANDUANES

PERIOD OF TARGET YEARS : 1969 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI MEIER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1969		128.5	83.5	68.0		128.8	81.8	149.8	301.7	243.7	221.2	53.4	
1970		119.8					341.0	317.2	87.6	142.4		533.9	
1971	263.8	258.0	335.3	153.1	67.1	269.3	333.8	169.5	267.8		781.7	356.7	
1972	421.7	492.9	156.0	120.5	399.0	329.1	317.7	73.8	238.6	298.0	573.5	791.4	4239.4
1973	552.2	177.4	212.4	121.5	220.7	174.3	107.6	223.2	170.0	199.5	366.7	305.2	2830.7
1974	282.2	79.1	27.5	66.4	125.1	124.4	219.0	308.1	408.1	644.4	586.1	1311.8	4081.2
1975	436.8	279.7	97.6	185.9	197.7	811.2	140.4	119.8	84.9	454.2	733.9	558.6	4300.5
1976	263.4	231.4	149.2	457.5	88.8	255.6	272.4		387.2	265.5	286.6	926.2	
1977	578.9	219.6	243.2	141.7	448.7	280.6	159.2	321.3	148.0	298.9	755.4	762.1	4342.8
1978	269.9	409.0	153.2	81.2	105.5	207.4	238.0	44.4	346.1	169.2	642.0	175.1	2821.0
1979	119.1	178.8	152.7	185.4	181.8	206.9	107.3	141.8	370.3	456.4	677.7	535.0	3102.8
1980	189.0	120.1	39.7	213.6		308.8	194.4	131.3	343.8	263.1	553.9	292.8	
1981	322.3	121.0	188.6	149.5	236.4	597.1	319.8	192.7	236.3	393.9	484.0	409.9	3633.5
1982	500.1	131.6	50.1	114.5	115.6	144.3	250.8	134.6	299.9	429.5	673.8	497.4	3323.2
1983	980.7	233.6	124.9	375.3	243.3	84.2	319.1	99.8	458.6	217.8	356.2	490.3	3388.6
1984	252.7	70.1	57.2	62.4	25.5	120.9	279.9	161.4	245.2	403.6	615.2	368.9	3063.0
1985	415.0	230.0	355.6	257.5	199.1	212.2	445.8	120.0	85.2	482.4	436.2	355.2	3594.2
1986	641.0	161.4	183.1	206.4	274.4	168.1	319.6	63.2	463.3	730.3	472.4	570.1	4293.3
1987	465.3	153.0	152.8	321.7	41.4	198.6	190.0	292.7	176.6	695.7	568.1	248.0	3373.7
1988	112.7	120.8	192.3	54.4	120.8	168.8	532.6	125.2	101.4	265.8	803.8	593.8	2042.0
1989	330.6	99.4	72.9	273.2	108.8	236.6	114.8	172.2	161.5	844.1	530.3	537.7	3481.1
1990	692.1	389.9	454.9	103.8	284.8	257.2	253.0	63.2	209.2	265.4	449.9	683.6	4107.0
1991	228.4	84.4	29.3	74.6	300.8	496.2	148.5	138.2	137.3	487.4	581.3	437.2	3113.7
1992	126.7	120.7	51.9	102.6	103.8	444.4	211.0	173.4	89.1	278.6	458.1	426.1	2596.7
1993	358.9	196.6	84.8	56.0	86.6	200.1	406.3	83.8	224.4	412.7	206.2	287.4	2605.8
1994	208.6	253.8	113.2	65.6	59.2	258.4	160.1	258.9	221.0	733.9	454.5	613.7	3696.9
1995	351.7	248.4	112.9	204.3	114.6	271.2	275.3	130.4	268.9	152.5	55.8	371.1	2595.1
1996	371.2	231.6	105.3	138.4	201.9	312.8	302.1	389.8	468.8	428.4	1168.7	1755.2	5862.2
MEAN	350.2	198.3	145.6	160.6	173.4	262.0	250.4	187.7	250.8	396.4	536.0	560.0	3529.5

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.526, CORON, PALAWAN

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	05	00	43	00	368.2		433.8	847.7	195.5	477.8	35.8	38.3	
1962	31.4	7.1	3.6	34.8	272.8	180.8	1262.1	745.2	799.3	164.7	295.6	108.7	3905.9
1963	14.1	3.0	0.0	0.8	36.6	704.1	176.1	376.2	445.7	188.0	13.4	156.0	2116.0
1964	2.5	1.3	2.8	4.6	199.3	351.3	243.7	575.8	647.8	216.8	901.6	36.8	3163.3
1965	62.9	18.3	2.1	1.3	188.0	581.6	758.6	579.0	578.0	88.5	120.5	49.2	3038.0
1966													
1967						334.8	858.8	737.8	374.5				
1968						198.4	438.2	747.5	345.8	156.7	103.4	0.0	
1969	0.5	5.1	22.3	2.2	20.7	428.7	821.8	378.7	599.4	184.0	105.9	113.4	2781.7
1970	3.3	0.0	0.5	0.0	12.7	363.1	442.4	622.2		823.8	43.7	96.9	
1971	8.1	11.2	8.3	8.3	228.9	493.1	681.9	221.6	241.5	456.6	76.3	51.8	2481.8
1972	28.5	0.0	8.3	0.0	150.9	264.1	430.0	538.7	305.1	128.0	80.3	298.9	2212.8
1973	1.5	3.3	0.8	0.0	40.4	166.6	342.4	538.3	419.6	314.8	197.3	58.6	2083.6
1974	4.8	20.8	2.0	31.5	62.8	344.7	513.8	348.4	111.4	487.4	84.5	67.2	2077.3
1975	55.7	57.9	2.8	60.6	52.0	305.0	406.7	257.5	238.4	409.2	8.0	11.2	1861.0
1976	25.8	7.0	1.0	11.9	568.8	218.3	232.0	671.4	383.2		102.1	49.2	
1977	135.5	15.3	0.0	0.8	253.1	283.7	527.1	700.3	850.5	65.1			
1978	0.0	1.0	0.0	89.0	139.6	182.2	299.9	914.0	392.1	451.0	174.8	25.3	2589.3
1979	4.5	0.0	0.0	26.1	375.5		829.3	872.8	477.2	664.6	20.8	44.5	
1980	9.7		10.0	0.0	145.3	368.8	509.8	344.3	258.0	131.8	67.5	150.5	
1981	14.0	8.8	2.0	0.0	18.2	602.2		650.5	250.7	208.2	22.4	48.0	
1982	29.0	4.2	60.2	0.0	110.2	498.2	700.6	893.6	604.4	135.2	38.8	44.4	3183.6
1983	8.4	0.0	0.0				441.8	264.6	452.7	372.6	153.4	8.3	
1984	21.6	0.0	13.8	3.2	138.5	797.1	239.3	647.1	519.8	454.8	192.7	7.2	2965.9
1985	6.6	1.2	0.0	169.0	61.2			127.4	456.2	250.4	129.1	42.2	
1986	79.8	34.8	0.0	2.7	123.8	242.7	365.2	344.0			182.4		
1987		0.0	0.0	2.3	27.1	412.6	608.0	544.8	921.0	259.1	131.4	139.4	
1988	6.8	0.0	0.0	68.6	164.9	403.4	438.5	200.0	332.2	712.6	156.4	38.2	2531.8
1989	0.0	0.9	19.7		394.8	583.4	426.1	752.5	400.3	154.4			
1990	7.6	0.0		0.9	197.5	573.9	574.7	485.2	221.0	141.1	289.7	7.2	
1991	12.6	1.8	32.9	82.7	61.8	240.7	534.5	544.1	449.4	56.8	4.7	20.8	2032.6
1992	20.3	11.0	0.0	5.4	130.2	396.4	499.3	324.3	270.0	368.7	37.1	4.4	2027.1
1993	20.0	5.3	11.0	0.0	1.4	132.5	404.9	648.4	384.9	318.4	103.7	408.1	2436.6
1994		1.4	0.0	33.6	248.1	295.7	1051.7	296.5	711.0	289.0	1.5	194.5	
1995	4.0	0.0	0.0	0.0	147.8	217.0	370.4	432.0	761.3	315.8	121.7	43.9	2419.1
MEAN	22.7	7.1	6.6	21.2	159.8	371.8	518.3	537.4	450.6	307.0	126.0	79.0	2558.1

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.531, SAN JOSE, OCCIDENTAL MINDORO

PERIOD OF TARGET YEARS : 1981 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	1.3	0.0	0.0	0.0	74.7	565.1	431.2	433.2	328.6	224.8	21.4	14.8	2686.1
1982	3.8	0.0	73.4	2.2	95.9	212.8	824.5	115.8	555.4	70.5	7.4	4.4	2585.9
1983	1.8	0.0	0.1	0.0	0.0	288.8	444.9	234.2	390.3	259.1	110.8	0.5	1729.1
1984	8.6	0.0	13.2	41.0	165.2	965.6	224.7	610.5	249.4	414.2	87.2	2.2	2730.8
1985	0.2	14.4	1.0	93.8	34.8	619.4	326.5	333.0	429.7	257.2	50.4	21.4	2181.8
1986	1.8	52.8		0.0	199.2	360.2	281.0	460.4	596.6	252.4	255.5	0.0	
1987	1.0	0.0	0.0	5.3	25.4	437.2	440.1	679.4	504.0	28.5	258.6	92.6	2562.1
1988	4.8	0.0	1.9	6.0	162.2	758.1	399.0	272.5	260.2	689.8	261.0	54.7	3061.0
1989	1.2	0.0	13.4	1.6	375.2	606.0	352.8	743.4	328.5	397.4	3.8	1.0	2831.3
1990	0.0	0.0	3.7	0.0	207.3	443.5	394.7	444.5	231.4	121.1	186.0	3.5	2035.7
1991	5.6	19.2	4.2	29.8	10.8	345.0	423.5	629.0	364.9	144.1			27.4
1992	5.8	0.0	0.0	0.0	22.3	245.4	538.5	603.5	436.1	386.8	20.3	3.4	2261.9
1993	0.4	0.0	29.1	0.0	0.0	132.7	615.4	534.0	347.9	156.7	102.0	361.7	2272.3
1994	16.7	5.8	0.0	94.5	146.1	340.2	1240.6	414.2	456.6	116.9	3.4	82.3	2947.6
1995	2.6	0.0	0.2	6.6	71.1	296.9	439.7	306.5	451.2	212.3	160.0	82.0	2069.1
MEAN	3.7	6.1	10.9	18.7	105.5	438.4	459.8	492.9	458.3	262.1	110.5	50.1	2411.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.536, ROMBLON, ROMBLON

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	54.5	32.7	52.8	125.7	245.7	318.0	157.8	270.3	177.9	229.1	153.8	128.4	1948.5
1962	131.0	84.7	55.3	100.5	112.6	132.8	311.3	289.1	645.4		222.7	59.0	
1963	41.7	23.2	7.2	13.3	68.0	138.5	153.9	334.4	143.8	93.1	203.0	82.6	1303.2
1964	151.9		10.3	49.8	212.9	165.5	465.2	182.9	231.5	309.7	474.1	68.4	
1965	51.5	47.2	199.9	59.3	125.5	179.7	229.8	341.2	122.5	207.2	243.0	170.5	2017.3
1966	213.5	8.6	39.2	0.3	430.9	223.2	533.4	49.0	203.6	253.8	188.9	289.7	2575.3
1967	226.4	25.5	49.8	44.0	54.8	212.8	192.6	262.1	138.1	182.0	210.9		
1968	100.4	18.4	30.3	40.1	73.4	232.8	188.6	194.9	156.7	242.4	126.8	32.0	1436.6
1969	18.6	2.3	2.1	36.4	51.5	123.2	282.7	361.8	273.3	376.0	107.5	299.5	1932.7
1970	72.9	38.3	80.5	57.2	14.8	261.9	281.0	74.7	308.3	671.5	378.2	205.5	2445.6
1971	97.6	82.5	54.6	29.4	261.2	395.3	523.4	121.5	124.5		275.3	213.6	
1972	389.0	54.7	119.3	48.9	191.7	190.3	193.0	281.9	135.1	73.4	330.2	143.4	2150.8
1973	43.2	53.0	12.2	5.9	26.2	60.2	355.5	171.8	329.3	383.5	282.4	263.8	1973.0
1974	104.9	78.5	37.9	20.6	157.3	190.9	86.1	235.9	133.9	514.5	223.3	282.8	2048.6
1975	69.3	43.7		339.5	64.9	204.7	134.8	284.4	428.5		132.0	294.0	
1976	114.8	35.5	44.8	29.4	159.5	158.1	120.6	283.8	174.1	213.3	206.8	509.7	2058.2
1977	142.0	153.8	53.0	23.7	56.2	155.3	250.7	153.1	499.7	53.4	134.7	67.8	1653.4
1978	78.0	14.6	15.8	129.2	38.4	129.5	60.9	229.1	252.8	400.7	157.8	344.0	1850.0
1979	49.6	46.5	14.7	60.2	66.6	261.5	238.9	203.9	307.2	317.7	119.7	161.1	1567.6
1980	62.3	118.7	78.8	68.3	67.6	274.4	154.6	142.0	123.5	193.5	226.4	131.3	1641.4
1981	120.6	37.9	18.9	88.1	60.9	345.5	258.2	125.8	407.5	220.4	252.1	144.7	2088.7
1982	39.5	17.4	54.0	32.1	203.5	165.5	276.5	141.0	499.9	215.9	233.9	209.7	2088.9
1983	48.5	3.5	10.8	0.0	22.4	88.3		208.5	428.2	325.5	84.9	54.9	
1984	152.2	60.7	63.8	43.2	114.6	299.3	171.1	233.7	222.5	902.5	240.0	137.2	2637.8
1985	88.9	47.8	126.0	82.9	175.5	324.4		21.3	253.0	204.6	243.5	91.2	
1986	35.4	51.2	19.6	43.1	14.2	99.1	342.2	190.1	315.3	554.5	228.4	86.3	1994.4
1987	26.4	44.4	16.2	1.5	120.1	156.2	176.8	357.1	150.9	255.4	371.5	242.1	1928.6
1988	81.4	7.8	5.8	97.5	9.5	212.8	226.5	138.1	116.2	536.0	431.5	88.4	1949.3
1989	101.8	54.1	74.2	63.2	248.0	278.9	239.0	343.4	108.7	111.2	92.3	104.4	1819.2
1990	102.3	10.7	11.0	7.4	54.0	281.5	140.5	282.2	159.3	265.0	229.2	77.2	1850.3
1991	29.8	29.3	97.0	41.6	82.8	419.5	343.6	308.4	83.1	150.8	217.3	183.2	1988.5
1992	102.5	30.2	0.0	20.8	8.8	250.9	403.8	174.9	107.0	214.0	219.7	171.7	1764.3
1993	113.1	13.4	36.7	2.3	32.8	112.1		324.6	195.4	321.4	220.2	443.0	
1994	151.7	18.5	97.8	105.2	285.2	244.3	393.4	28.6	127.9	168.0	55.9	182.4	1898.9
1995	127.1	20.8	7.0	10.0	170.9	295.4	289.3	217.4	499.5	479.6	330.4	360.9	2806.3
MEAN	102.4	41.5	48.5	55.4	118.9	218.6	258.3	215.4	242.6	301.5	225.8	185.0	1979.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.53B, ROXAS CITY, ARLAN

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	18.8	48.7	56.0	9.1	164.1	230.6	101.9	156.1	219.0	162.9	138.4	50.8	1354.4
1962	94.2	61.9	61.8	50.0	172.7	182.2	343.0	455.0	439.3	257.2	263.1		
1963	165.3	21.2	29.8	50.1	62.0	141.4	368.4	294.2	263.1	251.0	83.5	92.3	1822.3
1964	24.8	77.8	17.2	8.5	267.2	259.1	352.0	220.0	386.7	475.3	445.0	104.0	2839.4
1965	177.3	17.9	68.8	63.8	107.0	212.9	152.0	228.8	258.8	154.5	117.5	177.9	1738.2
1966	122.1	5.6	0.0	14.7	518.6	225.9	465.5	263.3	268.4	445.3			
1967	322.1	120.2	21.4	23.9	102.3	179.9	202.4	172.6	61.7	267.2	312.0	85.7	1842.4
1968		30.8	15.5	3.3	30.8	171.4	268.1	208.1	145.1	368.2	231.8	103.5	
1969		32.3	21.1	10.5	183.0	183.8		275.9	137.4	153.3	80.6	169.4	
1970	47.2	122.6	96.7	0.0	0.0	308.8		143.5	293.7	596.1	419.4	140.6	
1971	138.8	72.0		131.3	307.0	625.5	447.4	171.9	248.9	379.3	372.9	76.9	
1972	430.6	13.7	60.8	21.7	28.7	273.8	46.3	136.7	230.0	168.0	249.9	166.3	1635.5
1973	3.5	25.5	39.0	12.9	0.0	122.1	290.9	372.8	680.7	287.3	537.2	378.6	2651.3
1974	102.8	74.2	21.2	22.6	74.1	154.4	284.2	149.2	114.5	464.0	224.3	231.6	1617.3
1975	126.2	72.9	8.9	270.8	65.4	212.8	159.8	215.6	387.2	306.1	209.2	369.8	2544.5
1976	33.3	25.6	30.0	12.8	164.7	141.4	143.5	299.1	138.3	217.2	362.3	267.3	1855.8
1977	123.2	134.7	29.5	48.8	79.4	315.8	227.9	209.2	187.0	183.0	74.7	78.5	1699.5
1978	50.1	32.3	13.4	68.2	61.7	265.4	160.5	135.2	250.2		209.8	211.9	
1979	35.1	30.3	8.4	169.8	104.5	381.7	136.1	241.3	174.6	227.4	80.5	177.4	1766.9
1980	82.3	60.3	99.9	39.0	65.8	706.8	255.8	182.2	122.0	254.5	214.4	119.9	2225.7
1981	96.0	40.2	12.7		77.3	211.7	122.7	145.8	222.8	255.9	192.6	118.5	
1982	60.3	36.0	93.2	19.5	101.5	200.2	87.7	369.5	143.7	142.1	94.8	55.2	1403.7
1983	22.8	4.0	5.7	1.5	8.4	292.4	388.8	211.6	245.8	428.1	223.0	111.7	1517.8
1984	53.3	84.7	224.5	183.7	179.5	278.5	195.5	149.0	365.0	431.0	210.0	107.0	2450.7
1985	163.0	24.0	56.0	181.5	222.5	103.5	278.4	69.5	234.0	273.8	148.5	92.5	1865.2
1986	108.8	11.5	67.7	46.5	42.3	167.7	485.8	265.3	209.0	503.1	324.0	72.0	2305.7
1987	42.2	34.4	0.0	3.0	1.0	70.7	177.8	263.1	134.6	135.6	482.8	151.6	1136.8
1988	48.7	30.4	20.6	103.5	126.9	265.1	322.8	213.6	157.6	528.4	640.2	103.1	2558.8
1989	172.1	55.2	126.4	31.8	418.3	173.6	151.8	312.5	324.0	169.7	82.3	22.1	2079.8
1990	70.4	3.0	5.5	5.8	199.8	122.3	314.0	135.3	178.3	255.6	372.0	45.0	1702.0
1991	17.0	26.0	138.0	16.5	30.5	232.5	486.5	87.0	112.0	109.5	65.5	128.0	1443.0
1992	40.5	5.5	1.0	15.5	38.5	185.5	259.5	230.5	49.0	368.0	180.5	51.0	1448.0
1993	58.0	24.0	40.0	1.0	5.5	133.5	357.0	438.0	142.5	55.0	305.0	315.0	1922.5
1994	99.0	9.5	21.5	48.5	138.0	226.5	142.5	144.5	122.5	280.5	47.0	202.5	1472.5
1995	69.2	4.8	5.0	51.0	99.5	565.0	357.0	419.0	509.5	478.5	561.5	297.5	3384.5
MEAN	97.5	42.2	44.6	51.1	124.4	244.8	260.4	230.2	230.3	297.2	249.9	147.7	1976.2

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.543, MASRATE, MASBATE

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1965	138.8	25.8	18.2	44.1	57.0	87.2	152.3	274.0	334.7	289.8	345.8	504.4	2281.7
1961	21.0		69.8	31.4	233.7	100.5	89.8	284.0	129.4	143.5	301.5	31.7	
1962	70.3	92.8	43.0	7.7	243.8	133.7	209.0	435.4	277.2	74.4	328.0	50.1	1965.4
1963	44.5	37.4	6.2	7.1	17.2	142.5	215.7	428.7	199.8	178.9	347.9	99.4	1724.3
1964	324.0	289.3	60.4	109.7	688.7	177.4	162.5	191.7	238.5	241.0	306.0	171.2	3008.4
1965	242.5	58.1	118.5	58.7	155.8	188.5	232.4	133.4	287.3	314.4	182.0	434.4	2385.8
1966	239.4	32.0	38.2	62.0	304.1	184.4	343.7	162.7	55.3	127.5	152.1	293.7	1955.9
1967	418.5	79.2	54.1	5.3	51.8	131.6	80.1	191.6	106.7	193.8	241.8	111.0	1607.6
1968	154.7	53.0	56.3	4.6	2.8	70.0	133.2	242.7	180.1	121.3	230.8	58.0	1308.3
1969	16.4	2.9	0.8	20.8	47.0	179.6	153.8	147.9	150.6	75.7	73.8	243.3	1149.2
1970	29.2	100.5	86.5	94.9	53.1	112.0	244.7	175.4	250.8	344.9	285.0	189.1	1948.2
1971	230.7	149.3	134.9	30.1	342.1	223.7	306.9	93.8	275.6	258.8	129.9	131.7	2307.5
1972	543.3	15.3	83.0	8.9	154.5	127.9	135.8	147.8	264.2	102.8	199.5	207.9	1988.9
1973	33.3	67.8	49.5	15.4	8.6	72.7	158.0	128.8	351.0	335.6	305.8	327.4	1853.7
1974	118.8	110.1	111.7	18.2	24.0	287.7	147.9	105.2	147.1	366.9			353.9
1975	259.8	25.9	15.0	98.3	17.8			97.3	230.7	159.2	74.0	343.5	
1976	138.9	88.0	97.4	36.3	300.0	200.6	99.7	180.9	148.3	94.2	218.4	1035.5	2638.2
1977	124.6	236.3	145.9	51.4	37.0	93.4	325.7	183.1	216.6	87.2	153.4	44.4	1676.0
1978	121.1	98.8	25.3	287.2	151.4	120.8	77.0	192.1	478.0	192.2	154.3	190.9	2089.1
1979	82.3	73.8	23.4	154.4	93.6	161.5	178.7	89.7	364.8	178.6	201.2	134.4	1737.4
1980	144.5	128.1	75.7	22.8	39.6	231.5	80.5		113.2	237.7	320.3	108.8	
1981	242.0	89.9	19.4	8.8	53.3	79.3	149.3	126.2	202.6	105.2	342.6	342.2	1740.8
1982	25.0	21.1		31.6	70.9	104.0	434.8	164.5	494.1	263.3	127.7	87.1	
1983	22.0	13.6		4.9	0.0	130.8	185.3	111.2	212.2	384.8	381.4	461.5	
1984	203.2	123.7	58.0	53.6	223.8	242.3	143.4	243.4	222.1	245.1	299.1	317.9	2375.6
1985	174.0	89.9	84.4	117.2	35.6	147.1	392.8	97.5	322.8	174.1	286.8	85.9	2007.8
1986	267.5	33.5	43.8	130.7	113.3	304.7	192.4	265.7	201.4	396.4	253.0	58.1	2260.5
1987	67.3	58.2	15.4	1.1	0.8		347.7	353.8	103.2	148.3	437.4	511.8	
1988	64.8	28.8	4.0	42.7	47.3	340.1	94.8	77.4	130.3	645.0	713.7	490.9	2688.6
1989	476.2	261.1	118.3	29.3	222.5	214.8	209.8	175.5	73.5	299.6	180.5	137.1	2393.2
1990	136.1	19.3	12.3	28.3	91.7	258.9	234.8	75.9	258.0	284.4	191.2	123.0	1711.9
1991	45.8	82.5	122.7	17.3	82.0	195.8	282.7	137.6	110.4	112.5	179.8	182.8	1511.9
1992	120.1	26.8	1.9	11.9	118.5	79.2	279.2	151.2	282.0	218.3	169.4	126.8	1592.3
1993	62.7	48.2	97.1	8.2	4.0	35.3	101.2	163.9	113.8	104.5	264.0	440.3	1529.0
1994	286.7	57.8	89.8	52.7	165.3	147.5	276.5	81.5	322.9	90.6	184.5	188.9	1925.8
MEAN	162.2	78.8	59.4	48.7	121.5	160.8	204.2	179.3	225.1	214.7	253.6	245.2	1978.7

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.546, CATARMAN, NORTHERN SAMAR

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961				128.3	223.3	70.1	103.2	144.9	238.8	315.3	430.0	155.7	
1962	209.4	243.3	243.2	68.7	334.0	104.8	155.6	186.7	608.8	350.3	583.3	454.3	3558.2
1963	482.4	75.7	195.1	175.3	61.1	287.7	145.6	357.2	150.4	425.7	568.5	413.4	3799.1
1964	358.0	260.5	81.1	238.4	110.3	151.3	244.8	219.8		413.7	418.5	1173.3	
1965	653.3	260.9	323.7	354.4	257.1	193.2	297.5	49.5	132.1	431.8	303.6	771.7	4083.8
1966	425.3	132.5	106.5	24.4	226.3	52.7	361.1	80.2	73.2	407.6	451.8	392.2	2733.8
1967	582.8	356.3	136.8	61.7	128.2	73.7	139.0	161.0	89.5	225.5	531.0	365.9	2861.4
1968	409.4	79.3	182.9	13.8	105.4	223.1	75.1	128.6	161.4	180.9	534.5	281.8	2354.2
1969	105.0	38.5	20.1	231.8	34.3	225.9	341.1	137.5	87.7	358.8	393.8	499.5	2442.0
1970	288.4	439.7	208.8	211.6	83.2	184.1	373.4	99.5	183.2	577.8		258.6	
1971	575.5	482.4	517.3	231.1	189.1	324.5				389.9	374.7	460.8	
1972	814.2	149.4	321.7	203.8	156.2	243.3	102.7	184.7	148.1	185.2	404.8	343.5	3260.4
1973	107.7	111.5	128.6	64.2	82.1	146.9	203.3	134.7	164.3	396.6	404.4	932.2	2858.5
1974	473.5	365.9	191.2	124.2	73.1	279.9	118.0	62.2	81.8	375.0	430.9	726.3	3311.0
1975	649.2	197.3	44.3	378.0	69.4	175.2	173.8	54.3	217.7	156.2	225.6	916.1	3457.1
1976	611.0	371.4	369.5	103.6	305.8	270.1	102.0	133.1	134.3	200.3	583.7	918.1	4107.3
1977	258.2	585.6	184.9	81.5	99.7	107.6	378.4	104.1	251.7	263.8	504.1	158.2	2905.8
1978	237.4	213.6	196.2	126.5	183.8	167.0	88.4	63.3	433.0	305.6	408.0	435.6	2950.4
1979			84.8	125.7	90.2	267.8	119.8	90.4	186.5	195.9	514.8	252.1	
1980	418.2	180.7	187.3	61.7	84.2	397.8	305.0	203.4	208.1	392.4	521.2	315.0	3283.0
1981	523.0	270.8	227.0	73.4	108.0	182.0	229.7	84.2	163.3	357.2	661.9	441.5	3325.8
1982	257.1	530.7	389.9	87.0	239.2	62.8	186.8	200.4	360.3	333.3	378.6	262.3	3308.6
1983	84.0	23.1	52.5	13.0	49.0	183.3	462.8	253.4	422.2	308.6	817.7	936.0	3655.7
1984	370.8	468.8	218.4	53.8	227.9	98.0	133.6	193.9	138.6	342.2	612.6	600.2	3514.5
1985	945.8	269.4	158.0	161.4	261.6	98.0	317.9	9.8	297.4	341.2	591.9	540.4	3992.8
1986	757.8	198.2	127.9	346.4	34.6	161.4	254.0	150.8	101.2	483.1	363.8	225.2	3200.7
1987	264.0	130.2	78.2	17.2	16.2	95.2	293.0	471.8	53.8	185.2	776.6	438.6	2847.6
1988	196.2	75.6	100.1	229.2	121.4	228.8	129.6	108.4	198.2	545.8	1243.3	1473.1	6845.3
1989	1288.4	490.8	413.8	141.6	218.8	115.1	151.4	196.0	68.5	373.0	547.8	517.9	4526.7
1990	327.2	59.6	33.7	54.4	221.4	389.8	109.0	103.6	196.4	275.4	501.6	381.3	2634.2
1991	248.0	184.0	184.0	161.9	155.1	306.5	133.2	81.4	112.8	181.8	448.5	436.4	2608.7
1992	324.8	66.4	52.4	10.6		147.8	202.7	189.3	38.2	293.2	348.4	299.8	
1993	293.1	180.4	170.8	50.2	28.2	90.1	306.5	178.5	90.0	228.2	442.8	808.2	2865.0
1994	458.8	96.0	234.8	240.3	57.9	420.5	177.1	64.9	204.0	191.4	460.8	383.5	2970.0
1995	267.5	133.8	114.4	61.8	128.7	262.1	156.8	185.5	469.6	413.6	519.7	882.3	3693.4
MEAN	438.0	233.4	184.4	134.8	139.8	194.2	207.8	149.1	200.2	324.5	511.3	539.2	3282.8

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.548, CATRALOGAN, WESTERN SAMAR

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	52.1	139.0	117.8	69.0	150.2	215.1	82.7	283.9	188.2	216.8	198.5	149.3	1882.8
1962	146.3	174.2	176.2	122.0	303.2	109.5	372.0	308.8	381.6	103.8	316.1	977.6	2691.9
1963	142.7	50.4	54.3	63.1	190.7	182.5	337.1	400.9	113.9	282.7	264.1	314.1	2403.5
1964	116.5	169.8	21.6	164.3	228.2	90.3	241.3	189.9	270.5	305.1	242.1	296.3	2335.7
1965	270.8	126.5	342.9	168.5	330.1	208.2	304.8	107.0	184.1	178.8	182.9	492.8	2899.2
1966	93.4	86.4	63.3	33.0	281.8	139.0	414.4	116.0	104.9	381.2	388.1	528.3	2635.8
1967	493.4	240.2	68.9	48.4	56.7	102.2	172.7	206.8	498.9	158.8	487.8	207.8	2762.6
1968	349.3	102.1	53.2	35.8	109.1	91.0	115.1	296.9	195.1	213.1	535.4	173.8	2275.5
1969	52.4	10.1	2.8	79.9	85.8	298.8	213.9	214.8	233.7	166.3	260.3	337.8	1936.2
1970	260.7	239.4	99.2	89.8	121.5	247.3	294.0	162.5	146.6	594.4	468.3	163.1	2886.8
1971	183.1	180.7	389.8	158.5	369.1	345.6	352.5	110.3	160.3	420.5	222.6	139.7	3072.7
1972	643.9	107.1	128.6	41.4	64.7	241.1	236.2	249.6	518.9	112.9	268.1	258.4	2812.1
1973	8.7	41.0	62.6	43.8	64.2	83.2	183.8	156.3	225.4	216.3	353.5	320.1	1760.9
1974	124.3	189.2	44.7	113.4	135.1	323.7	226.1	161.2	143.6	509.3	229.0	342.7	2482.3
1975	387.7	193.0	36.4	214.9	107.8	341.7	260.7	83.5	174.4	261.2	165.5	575.1	2781.9
1976	354.0	172.4	143.4	68.8	182.6	431.2	158.8	166.8	93.4	167.5	255.0	482.2	2688.1
1977	157.9	339.2	92.9	35.4	85.4	131.8	376.7	118.6	307.8	193.1	140.7	66.4	2987.8
1978	95.7	212.5	168.3	189.7	150.4	88.4	69.0	205.9	549.3	238.9	166.2	327.1	2423.4
1979	104.6	127.8	49.0	103.0	221.2	323.9	312.3	122.0	219.8	243.1	301.5	230.6	2359.0
1980	263.5	126.5	245.9	71.3	83.4	322.9	198.5	416.2	216.6	368.3	541.9	158.5	3145.7
1981	313.4	54.6	22.5	43.7	116.0	177.3	159.3	88.3	221.0	261.8	484.4	254.6	2202.9
1982	233.2	204.7	246.6	102.0	281.1	130.9	467.8	118.8	400.2	169.7	201.0	144.8	2702.6
1983	58.0	5.6	69.6	8.6	1.0	127.8	548.6	215.9	360.6	329.7	632.7	765.8	3062.9
1984	233.9	257.6	213.0	60.4	84.6	189.8	143.1	191.4	318.6	352.2	343.7	232.6	2621.1
1985	383.8	172.5	78.8	149.3	134.9	214.9	194.2	25.1	527.2	236.0	268.7	107.7	2542.8
1986	386.9	123.3	142.4	361.8	106.1	262.6	209.1	219.8	130.7	463.0	145.7	80.2	2649.6
1987	87.0	59.4	53.2	32.5	33.9	187.3	502.6	392.1	181.2	289.7	524.3	353.5	2696.9
1988	99.5	28.7	50.2	76.9	122.0	224.2	244.7	112.8	296.2	756.2	648.2	516.8	3179.2
1989	785.4	439.7	420.4	176.3	339.1	179.5	192.6	164.8	86.5	378.9	164.8	156.0	3452.0
1990	220.1	33.3	4.4	43.5	319.6	600.2	102.6	184.0	203.4	289.0	347.8	94.7	2442.6
1991	74.2	170.2	265.4	179.0	158.1	229.3	309.4	299.5	29.1	224.2	467.3	333.1	2766.8
1992	76.9	11.2	10.1	22.6	39.3	311.7	409.0	130.9	110.7		325.8	104.2	
1993	46.6	152.1	210.5	24.0	22.7	141.7	424.9	217.8	154.3	169.0	251.7	381.5	2196.8
1994	176.4	36.8	90.9	217.3	263.0	293.9	393.6	166.5	509.7	204.0	145.3	240.8	2760.0
1995	160.1	72.6	131.9	111.1	89.4	190.9	228.1	373.2	431.4	269.1	464.3	451.8	2990.9
MEAN	219.4	138.0	126.4	101.8	154.8	223.1	276.0	198.3	255.7	286.5	324.2	283.1	2655.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.550, TACLOBAN CITY, IRYTE

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METER

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961		224.2	109.5	109.3	176.2	82.4	194.9	113.8	84.6	203.3	290.0	139.2	
1962	211.7	237.8	201.4	83.7	205.9	49.3	131.8	227.1	247.9	48.9	195.9	189.3	2030.7
1963	241.7	125.5	108.0	83.7	61.5	170.2	120.2	303.0	150.0	65.1	278.8	165.1	1911.8
1964	172.8	317.4	77.2	190.5	68.0	134.7	65.4	50.3	149.3	194.8	349.3	151.4	2011.2
1965	224.3	264.9	235.2	134.7	116.3	174.3	159.3	87.5	173.7	93.8	134.0	543.3	2451.3
1966	69.4	126.7	98.3	31.6	297.9	160.3	242.7	131.9	65.0	150.7	175.4	407.0	1928.9
1967	862.5	339.8	138.3	45.9	71.9	51.2	316.3	149.4	75.8	137.8	225.1	204.0	2418.0
1968	197.6	164.2	80.0		40.8	102.7	59.8	72.5	230.7	136.8	343.9	285.7	
1969	58.4	35.9	13.5	83.1	58.3	162.0	248.9	97.4	96.1	95.7	155.8	376.1	1477.2
1970	204.8	321.2	167.8	64.9	88.5	125.7	172.4	92.2	225.7	344.5	390.4	254.9	2452.8
1971	325.6	195.0	260.6	201.8	181.0	320.1	185.5	97.8	137.8	287.8	184.9	225.8	2603.8
1972	587.0	49.9	252.2	94.8	171.0	142.6	73.3	211.7	177.4	127.7	285.8	234.9	2408.1
1973	46.2	70.4	95.9	80.7	112.4	55.9	242.3	191.1	175.3	157.3	272.3	279.9	1779.6
1974	189.3	238.3	77.9	92.5	277.8	209.8	116.8	27.6	49.8	234.0	190.0	411.8	2054.7
1975	272.3	219.1	167.1	326.9	115.0	163.9	157.9	131.4	151.5	97.4	149.7	611.1	2563.3
1976	365.7	229.3	224.1	190.2	138.0	151.4	149.9	124.6	108.2	175.8	187.8	362.9	2346.9
1977	141.8	481.3	101.0	73.8	134.8	124.1	319.2	71.2	95.1	73.8	94.7	89.8	1800.5
1978	203.6	235.3	160.6	320.6	120.6	150.0	60.8	122.8	373.2	81.1	137.6	600.0	2618.0
1979	106.8	161.5	48.6	132.7	167.4	308.5	213.2	60.7	181.6	274.6	201.8	287.8	2145.3
1980	468.3	260.3	75.4	153.7	66.2	296.8	121.7	375.5	45.5	143.7	481.3	256.5	2684.7
1981	332.5	111.5	43.1	135.7	138.0	170.4	216.9	45.0	245.9	299.4	348.0	312.1	2399.5
1982	170.7	252.8	351.5	101.2	102.3	221.5	134.9	192.9	124.7	143.8	103.7	190.3	2096.3
1983	83.5	26.4	59.5	20.1	23.8	98.6	474.5	128.8	190.9	220.6	318.8	752.7	2359.0
1984	492.5	485.4	135.8	72.0	169.1	161.1	67.9	89.6	174.9	140.2	458.6	508.5	2985.6
1985	537.3	184.7	73.4	116.8	275.6	81.7	224.2	71.4	215.5	297.4	231.2	186.7	2455.7
1986	556.8	130.5	279.3	283.5	88.1	184.7	106.2	163.4	177.8	438.3	360.5	102.2	2579.3
1987	206.7	169.0	69.8	29.8	22.8	172.4	215.0	254.2	64.0	201.8	581.5	235.5	2252.3
1988	113.8	84.6	89.3	113.3	104.7	219.3	127.9	149.8	321.5	456.4	563.7	535.9	2900.2
1989	597.8	330.1	309.7	143.6	334.0	158.3	102.8	182.2	106.1	289.8	151.5	124.5	2920.8
1990	388.3	53.8	28.2	35.1	351.4	190.8	169.1	57.2	239.8	348.2	329.9	110.8	2302.4
1991	263.7	330.9	404.5	130.4	144.1	147.1	282.0	137.4	37.4	123.5	439.8	456.1	2548.9
1992	139.4	54.0	68.5	22.5	27.4	141.8	255.3	124.4	101.2	137.4	141.9	138.9	1431.2
1993	150.0	228.2	120.9	78.3	54.6	91.0	168.1	275.2	120.5	94.2	445.2	629.3	2453.5
1994	234.3	68.8	165.8	204.5	178.3	152.5	125.2	123.8	172.4	82.1	183.2	508.9	2227.8
1995	192.1	105.3	134.6	114.9	87.1	147.1	218.2	249.5	387.3	186.5	296.8	434.2	2531.4
MEAN	277.3	198.7	145.2	120.2	138.1	157.0	172.6	143.4	161.0	189.7	280.2	323.8	2329.3

Note : Blank means that the data are not available



NATIONAL WATER RESOURCES BOARD

MONTHLY RAINFALL TABLE

STATION NAME : SYNOPTIC NO.618, PUERTO PRINCESA, PALAWAN

PERIOD OF TARGET YEARS : 1961 to 1995

TOTAL MONTHLY RAINFALL, IN MILLI METERS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961	8.4	9.2	27.2	29.8	308.2	163.1		185.3	53.7	66.7	18.9	59.7	
1962	29.6	0.5	33.8	31.5	102.5	239.4	187.3	230.0	296.5	71.6	235.1	150.1	1615.8
1963	11.6	0.0	0.0	0.0	34.0	175.3	196.3	255.5	103.7	201.6	172.9	261.6	1413.3
1964	30.0	0.0	0.0	5.0	162.0	159.6	212.1	143.9	255.7	95.5	312.5	113.7	1523.0
1965	86.8	1.3	56.9	26.9	194.8	354.4	160.0	212.1	124.7	206.8	206.8	81.9	1768.3
1966	0.1	0.4	28.8	60.7	248.1	105.7	275.5	211.8	171.4	250.8	229.4	81.5	1683.1
1967	53.8	8.4	83.8	85.8	59.8	87.5	221.5	201.7	126.3	230.2	213.3	17.5	1392.2
1968	0.0	55.1	0.0	1.8	50.3	47.0	128.1	300.0	180.5	94.4	422.2	2.8	1262.0
1969	30.0	0.0	0.0	24.8	102.6	81.4	249.2	169.5	297.3	167.0	158.3	132.2	1452.4
1970	78.9	4.3	30.2	5.9	123.3	150.9	182.2	188.1	258.4	219.3	358.5	190.1	1820.1
1971	14.7	101.1	101.7	135.6	89.8	134.3	149.2	127.0	148.7	485.5	353.5	93.6	1993.5
1972	36.8	11.9	16.4	12.7	79.4	61.9	72.3	126.6	239.8	101.4	151.7	96.3	1047.0
1973	9.0	0.0	37.0	14.4	187.2	87.8	210.3	134.1	204.3	127.9	358.5	380.8	1748.1
1974	22.8	14.5	0.0	25.8	174.3	182.8	175.2	187.4	99.1	358.7	84.3	133.2	1434.9
1975	37.2	0.0	39.3	74.6	138.8	131.8	214.0	166.4	162.3	264.9	73.5	744.5	2047.3
1976	57.7	17.0	10.2	73.0	241.8	142.0	104.5	108.4	103.4	215.5	60.9	81.5	1215.9
1977	34.2	9.7	9.2	6.1	179.4	237.8	226.3	113.2	422.4	255.3	96.1	9.4	1599.1
1978	3.8	0.8		20.5	275.8	236.8	212.8	127.9	382.9	172.7	225.0	38.6	
1979	2.5	6.3	0.9	1.3	154.5	258.0	218.2	41.8	157.9	443.0	62.2	147.1	1473.7
1980	26.4	0.0	16.6	4.3	118.2	458.5	192.6	126.7	113.3	148.0	333.4	79.4	1692.4
1981	13.5	15.5	0.0	0.0	193.5	230.1	301.7	116.5	159.1	169.3	278.5	167.2	1571.9
1982	11.7	24.9	85.0	28.4	43.9	134.3	123.3	443.2	139.3	149.0	95.2	104.3	1378.5
1983	12.1	0.0	5.6	9.4	1.2	115.9	167.1	114.4	469.8	299.0	199.7	37.7	1492.0
1984	68.2	0.2	7.4	72.1	119.9	248.5	105.4	243.8	190.6	161.7	178.4	79.4	1473.4
1985	31.8	0.0	19.6	151.5	129.3	93.7	111.2	58.8	289.0	300.0	82.7	98.3	1365.9
1986	40.6	49.6	2.0	17.7	77.4	84.7	135.8	135.3	268.4	118.8	338.0	113.8	1077.1
1987	1.2	8.4	1.2	18.2	90.5	147.2	267.4	179.2	184.8	117.1	239.0	47.4	1299.6
1988	6.1	43.1	3.8	93.5	104.0	275.3	150.5	122.6	123.7	314.1	364.6	37.8	1656.1
1989	45.7	63.1	122.9	49.4	133.9	368.2	136.0	66.8	139.7	171.3	133.9	12.8	1516.8
1990	7.0	0.0	21.9	43.0	106.1	105.2	137.7	138.8	93.7	196.9	221.4	4.0	1143.5
1991	3.2	2.6	9.5	19.8	111.4	149.8	147.6	143.5	83.6	145.9	118.1	54.2	987.6
1992	36.2	1.0	1.4	16.6	12.4	277.3	189.1	120.8	181.3	210.7	325.7	1.0	1382.5
1993	34.8	24.5	43.6	4.4	35.5	88.4	235.2	174.8	123.8	195.0	103.8		
1994	4.2	0.0	4.2	59.2	137.1	138.2	96.1	207.8	239.5	177.3	1.3	53.5	1118.4
1995	3.0	3.1	2.3	6.1	91.1	166.1	127.5	216.3	120.0	383.2	270.5	349.4	1738.6
MEAN	25.6	13.7	24.2	35.1	129.3	179.6	176.4	168.4	181.7	206.8	204.8	117.1	1453.1

Note : Blank means that the data are not available