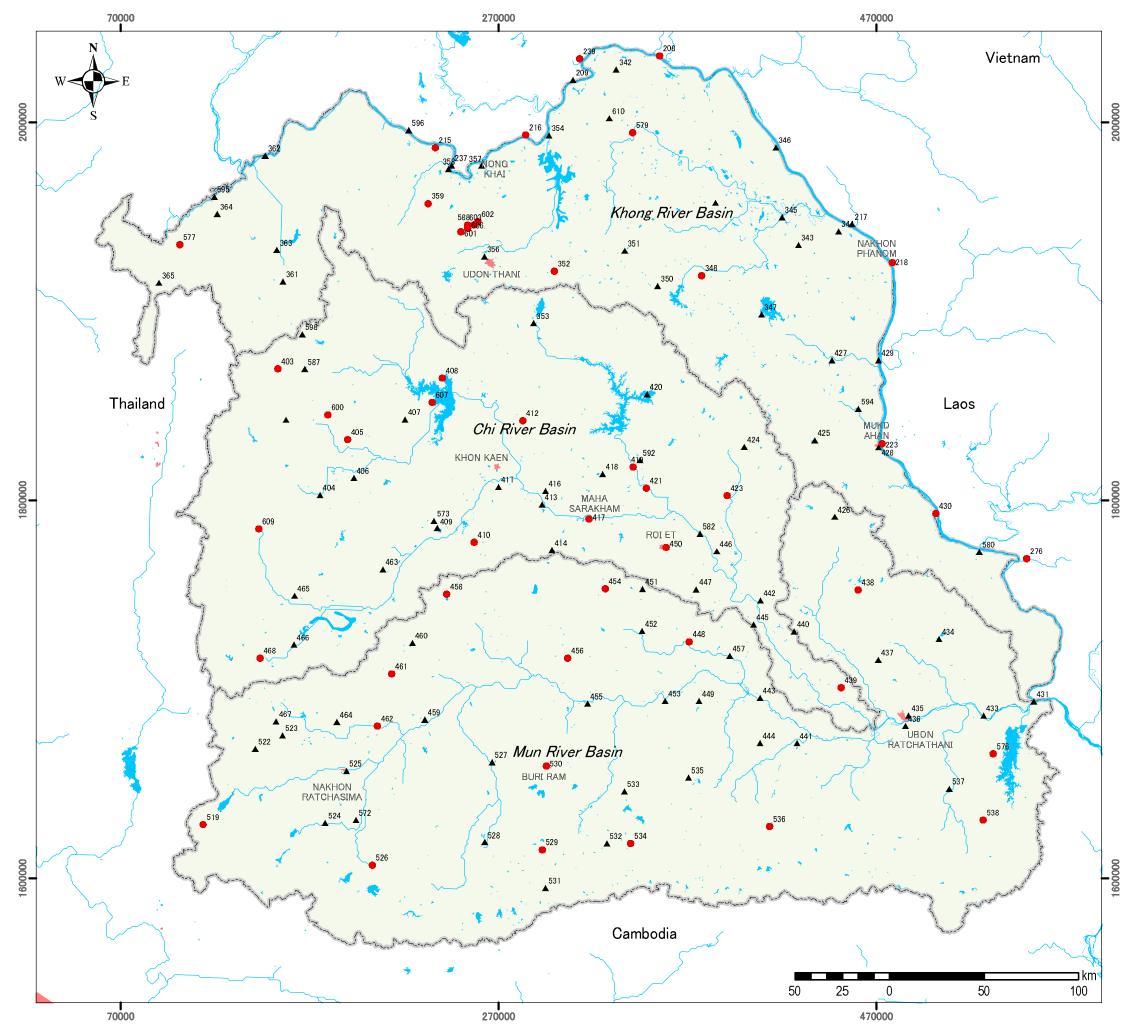
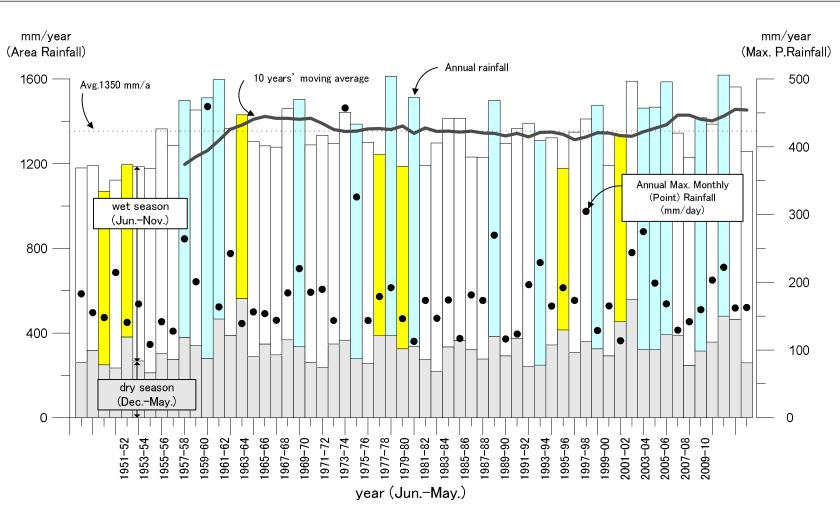
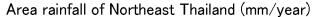


1-5			
Tributary Basin Boundary of			
Northeast Region			
5			
Note:			
Data Source: RID, DWR			
Date: September 2010			
LEGEND			
LEGLIND			
International Boundary			
Khong River Basin			
Chi River Basin			
Mun River Basin			
Tributary Basin Boundary			
Reservoirs/Ponds			
Rivers			
Built Area			
Sumuru en Basia Data			
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on Water Resources Management 🛛 📲 🚬 📕			
in Northeast Region of Thailand			



 2-1 Location Map of Meteorological and Rain-gage Station by MRC Note: 1) Data Source: Mekong River Commission 2) Station's ID in Figure is 'YBYD'
Date: September 2010 LEGEND
 Rain-gage Station (MRC data continued by 03) A Rain-gage Station (MRC data continued by 03) — River BasinBoundary
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Thiessen polygon and TMD synoptic stations applied for Time-Series (Area Rainfall) Calculation

Wet Seazo	n's Rainfall Intensity Ha	ving Recurrence	Interval of Tyears	
non-exceedence probability		exceedence probability		
Return Period		Return Period	eturn Period Rainfall (Wet Seazon)	
1/2	1,020	1/2	1,020	
1/3	972	1/3	1,067	
1/4	946	1/4	1,095	
1/5	928	1/5	1,113	
1/8	894	1/8	1,148	
1/10	880	1/10	1,163	
1/15	856	1/15	1,187	
1/20	841	1/20	1,204	
1/25	830	1/25	1,216	
1/30	821	1/30	1,225	
1/40	807	1/40	1,240	
1/50	797	1/50	1,250	
1/60	789	1/60	1,259	
1/80	777	1/80	1,272	
1/100	768	1/100	1,282	
1/150	753	1/150	1,299	
1/200	742	1/200	1,310	
1/250	734	1/250	1,319	
1/300	728	1/300	1,326	
1/400	718	1/400	1,337	
1/500	710	1/500	1,345	

Provability Analysis for Wet Seazon's Rainfall (May-Oct.)

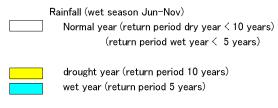
Note:

2-2 Annual Rainfall (1951/52-2009/10)

Data Source: Processed by JICA study Team using TMD observation data

Date: September 2010

LEGEND

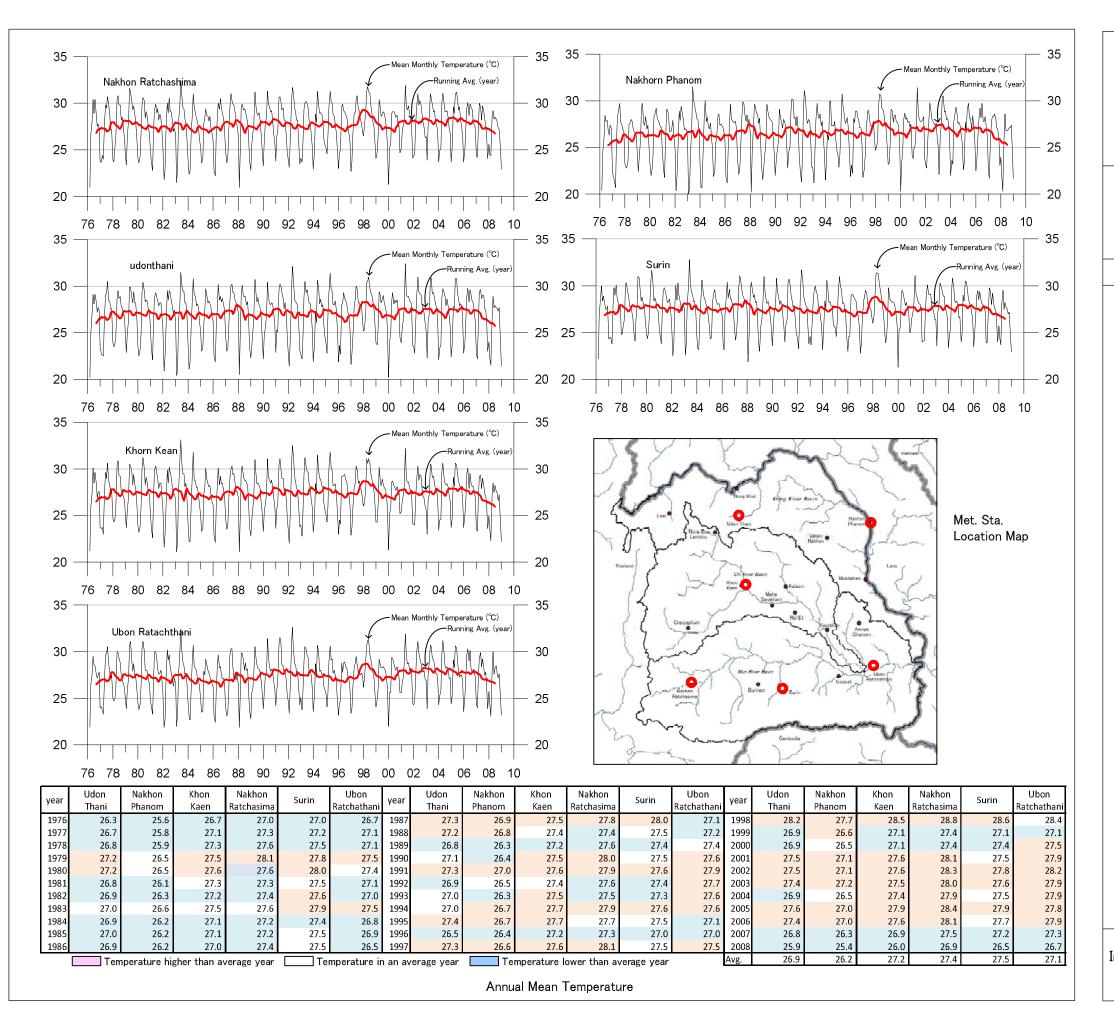


Rainfall (dry season Dec-May)

Annual Max. Monthly (point) Rainfall •

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2-3

Mean Monthly Temperature (1976 - 2009)

Note:

Data Source: Processed by JICA study Team using TMD observation data

Date: September 2010

LEGEND



Mean Monthly Temperature (°C) Running Average in Year

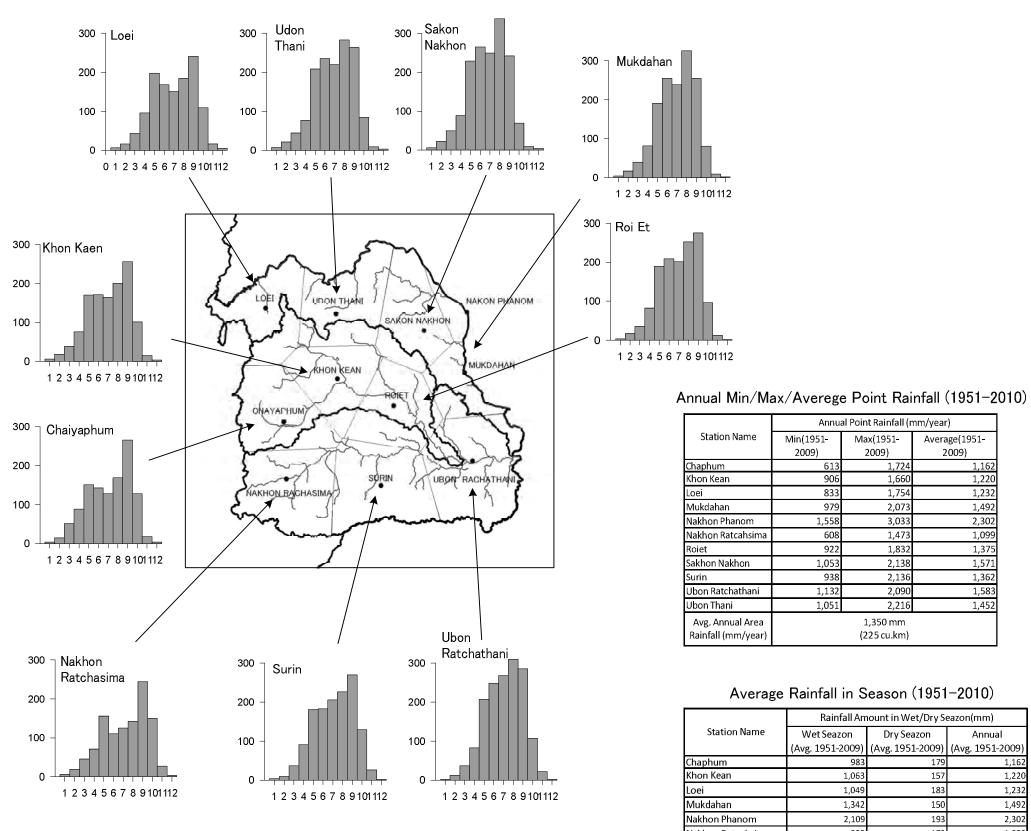


Meteorological Station Applid.

Temperature higher than average year Temperature in an average year Temperature lower than average year

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Average Monthly Rainfall (1951-2010)

Average Rainfall in Season (1951–2010)

1,162 1,220

1,232

1,492

2,302

1,099

1,375

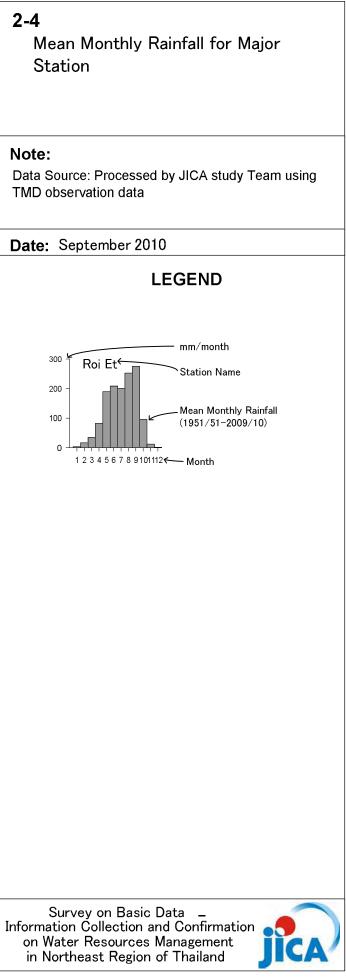
1,571

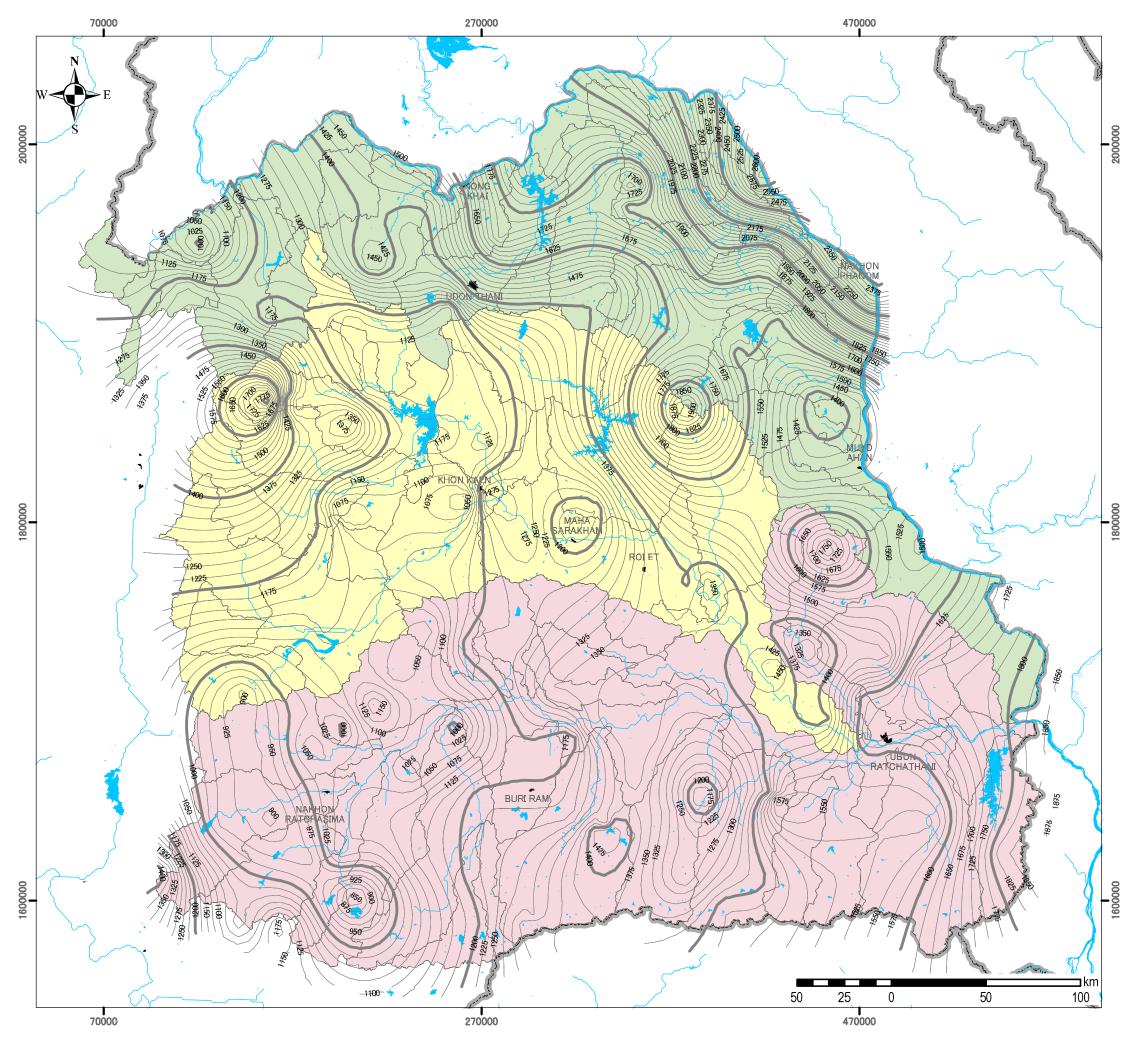
1,362

1,583

1,452

	Rainfall Amount in Wet/Dry Seazon(mm)			
Station Name	Wet Seazon	Dry Seazon	Annual	
	(Avg. 1951-2009)	(Avg. 1951-2009)	(Avg. 1951-2009)	
Chaphum	983	179	1,162	
Khon Kean	1,063	157	1,220	
Loei	1,049	183	1,232	
Mukdahan	1,342	150	1,492	
Nakhon Phanom	2,109	193	2,302	
Nakhon Ratcahsima	925	173	1,099	
Roiet	1,224	151	1,375	
Sakhon Nakhon	1,391	180	1,571	
Surin	1,193	169	1,362	
Ubon Ratchathani	1,428	156	1,583	
Ubon Thani	1,293	159	1,452	





2-5 Isohyetal Map of Mean Annual Rainfall (1970 – 2010)				
Note: Data Source: RID				
Date: September 2010				
LEGEND				
Isolines of Rainfall (mm/year) Khong River Basin Mun River Basin Sub-basins Rivers				
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