

Monthly Weather Summary in Thailand

June 2008

During June 2008, the moderate southwest monsoon that prevailed over the Andaman Sea, Thailand and the Gulf of Thailand occasionally strengthened. In addition, the trough of low pressure lied across the upper portion of northern and northeastern parts and the low pressure cell covered upper Vietnam in some period. These conditions caused abundant rainfalls in upper Thailand during early and mid June. For southern Thailand abundant rainfalls occurred during early and end of June. Monthly rainfall was above normal in almost areas i.e. northern part 8.3 mm (5%), northeastern part 8.7 mm (4%), central part 16.2 mm (12%), southern part (east coast) 34.8 mm (32%) and southern part (west coast) 73.4 mm (23%) while it was inversely below normal in eastern part 33.1 mm (12%). Mean temperatures were slightly below normal in most of areas.

1 – 12 June: During the first half of the period, the trough of low pressure lied across the upper portion of northern and northeastern parts. In addition, the low pressure cell covered the Gulf of Tonkin and upper Vietnam during the second half of the period while the moderate southwest monsoon that prevailed over the Andaman Sea, Thailand and the Gulf of Thailand intensified during the end of the period. As a result, upper Thailand obtained fairly widespread rain with isolated heavy to very heavy rainfall almost the period. The maximum daily rainfall was 179.4 mm at King Amphoe Ko Kut in Trat province on June 12. Floods were reported at Uttaradit and Ubon Ratchathani provinces and flash flood at Nan province on June 4. Gusty wind occurred at Kamphaeng Phet province on June 4. For southern Thailand, scattered to fairly widespread rain was found with heavy to very heavy rainfall in some areas, the highest rainfall amount was 110.0 mm at Phato in Chumphon province on June 12. Gusty wind occurred at Phetchaburi province on June 4.

13 – 20 June: Under the influence of the trough of low pressure, the moderate southwest monsoon and the low pressure cell covering upper Vietnam during the end of the period, upper Thailand still experienced fairly widespread rain almost the period and heavy to very heavy rainfall in some areas. The heaviest daily rainfall was 260.6 mm at Amphoe Bueng Kan, Nong Khai province on June 17 while southern Thailand had isolated to widely scattered rain with heavy rainfall in some areas, except for fairly widespread rain with isolated heavy rainfall on the first and the last day of the period, its highest amount of 64.6 mm at Amphoe Muang, Ranong province on June 13.

21 – 30 June: The trough of low pressure dissipated while it was drifting northward to Myanmar and Lao during the first half of the period. This reduced rainfall in many areas of upper Thailand. During the second half of the period, the moderate southwest monsoon prevailing over the Andaman Sea, Thailand and the Gulf of Thailand and the low pressure cell covering upper Vietnam brought scattered to fairly widespread rain and heavy to very heavy rainfall in upper Thailand with the maximum daily rainfall of 115.0 mm at Amphoe Ban Phue, Udon Thani province on June 30. For southern Thailand, scattered to fairly widespread rain and heavy to very heavy rainfall during early and middle of the period, and then decreasing in rainfall. The highest rainfall amount was 123.4 mm at Sri Sakhon Self-Help Settlement, Narathiwat province on June 25.

Note : Rainfall, temperatures and natural disasters in this report was updated up to July 7, 2008.

Climatological Group
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
June 2008

Northern Thailand

Station	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Chiang Rai	27.2	0.1	131.3	-63.5	656.2	127.8
Mae Hong Son	27.7	0.3	146.2	-38.2	561.8	120.9
Phayao	27.3	-0.3	108.1	6.3	346.1	-57.2
Chiang Mai	28.0	0.4	147.1	27.7	402.8	39.3
Tha Wang Pha	28.2	1.0	292.7	-79.3	671.9	-129.6
Nan	28.1	0.0	151.5	18.1	432.0	-17.3
Lamphun	28.0	-0.2	97.0	-26.2	391.0	57.2
Lampang	28.2	0.1	74.1	-40.6	410.8	48.8
Mae Sariang	26.7	-0.1	181.3	3.0	424.9	11.8
Phrae	28.1	0.0	261.2	140.6	566.3	153.8
Uttaradit	28.7	-0.1	293.6	107.8	520.6	-24.8
Bhumibol Dam	28.6	0.1	35.2	-52.9	377.5	17.1
Tak	28.9	0.6	41.6	-82.6	454.9	101.5
Mae Sot	26.5	0.3	210.8	-24.5	709.6	247.6
Umphang	25.0	0.1	132.5	-58.5	774.9	253.1
Phitsanulok	28.7	-0.2	91.6	-88.2	339.2	-122.0
Lom Sak	27.8	-0.4	123.6	-12.9	425.4	-4.6
Phetchabun	27.9	-0.2	203.4	59.2	568.1	137.2
Wichian Buri	28.8	-0.2	246.6	110.0	734.2	281.0
Kamphaeng Phet	27.9	-0.5	226.5	76.9	619.6	180.0
Over the area	27.8	0.0	159.8	8.3 5%	519.4	84.3 19%

Northeastern Thailand

Station	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Nong Khai	27.7	-0.4	425.6	163.9	1032.7	411.0
Loei	27.4	-0.3	141.4	-33.3	588.0	52.5
Udon Thani	28.0	-0.5	252.6	34.7	838.2	269.1
Nakhon Phanom	26.9	-0.7	738.3	338.0	1284.5	463.2
Sakon Nakhon	27.5	-0.5	293.6	23.7	852.4	185.2
Mukdahan	28.0	-0.2	266.7	5.5	603.1	15.9
Khon Kaen	28.3	-0.3	132.5	-36.0	671.8	203.6
Kosum Phisai	28.9	0.0	95.5	-97.5	666.3	164.1
Roi Et	28.5	0.0	198.7	-10.6	629.9	100.6
Chaiyaphum	28.2	-0.2	175.8	23.3	784.1	331.1
Ubon Ratchathani	28.3	0.2	231.8	-29.2	601.8	2.3
Tha Tum	28.9	0.0	173.9	-41.6	507.5	-19.8
Surin	28.3	0.1	79.1	-127.1	512.1	2.7
Nakhon Ratchasima	28.6	-0.2	90.4	-21.4	548.6	173.2
Chok Chai	28.6	0.0	62.7	-51.1	462.9	63.5
Nang Rong	28.3	-0.2	139.6	-1.2	572.1	133.5
Over the area	28.2	-0.2	218.6	8.7 4%	697.3	159.5 30%

- NOTES : 1) Input data are received via ssb radio each day. They have not been certified yet, so this current report has to be checked with monthly weather reports later.
2) Mean temperature is the average of daily maximum and daily minimum
3) "T" is trace, rainfall amount less than 0.1 mm.
4) "blank" is incomplete data.

Monthly Current Report
Rainfall and Accumulative Rainfall
June 2008

Central Thailand

Station	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Nakhon Sawan	28.7	-0.8	131.5	21.1	451.5	78.4
Bua Chum	28.7	-0.2	60.0	-52.1	392.5	4.4
Lop Buri	28.6	-0.2	249.0	135.4	597.0	220.1
Suphan Buri	29.1	0.0	55.0	-45.2	319.1	7.1
Thong Pha Phum	26.8	-0.2	175.9	-128.4	686.1	14.1
Kanchanaburi	28.9	0.0	192.8	109.0	568.7	230.5
Bangkok Airport	29.1	0.2	210.6	75.4	638.4	222.7
Bangkok Metropolis	29.3	0.2	163.6	14.1	737.3	234.3
Over the area	28.7	-0.1	154.8	16.2 12%	548.8	126.4 30%

Eastern Thailand

Station	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Prachin Buri	28.8	0.1	142.8	-109.0	695.1	26.5
Kabin Buri	28.0	-0.3	245.8	20.2	686.7	95.7
Aranyaprathet	28.7	0.5	143.1	-28.2	495.8	-11.2
Chon Buri	29.6	0.3	70.3	-73.0	330.9	-118.3
Ko Sichang	29.2	-0.1	113.6	-10.2	359.7	-38.5
Pattaya	28.7	-0.2	222.9	118.7	447.4	52.2
Sattahip	28.9	-0.3	345.7	230.0	669.6	201.5
Rayong	28.9	-0.5	144.8	-22.9	459.9	-108.0
Chanthaburi	28.1	0.5	458.8	-56.5	1579.5	509.0
Khlong Yai	27.8	0.5	503.1	-399.8	1543.1	-122.4
Over the area	28.7	0.1	239.1	-33.1 -12%	726.8	48.6 7%

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Southern Thailand, east coast

Station	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Phetchaburi	29.2	0.3	99.9	6.9	264.6	18.3
Hua Hin	28.8	0.0	58.8	-19.0	248.9	-22.3
Prachuap Khiri Khan	28.4	0.3	63.3	-32.3	503.4	135.2
Chumphon	27.3	-0.1	178.2	4.4	884.6	254.5
Surat Thani	27.3	-0.2	108.8	-5.3	547.1	103.4
Ko Samui	28.0	-0.5	269.1	160.4	866.8	287.1
Nakhon Si Thammarat	27.9	-0.1	50.7	-48.4	1044.3	400.0
Songkhla	27.8	-1.0	258.9	165.8	687.6	261.9
Hat Yai Airport	27.0	-0.5	170.8	64.0	670.2	163.8
Pattani Airport	27.6	-0.1	281.8	170.9	575.8	136.9
Narathiwat	27.6	-0.3	42.1	-84.9	584.8	12.1
Over the area	27.9	-0.2	143.9	34.8 32%	625.3	159.2 34%

Southern Thailand, west coast

Station	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Ranong	27.0	0.1	621.1	-75.0	1965.5	590.2
Takua Pa	26.9	-0.9	528.9	127.0	1580.0	363.0
Phuket	28.2	-0.1	254.9	10.9	971.8	198.6
Phuket Airport	27.9	-0.2	393.0	130.6	1026.8	165.5
Ko Lanta	27.9	-0.6	514.1	295.3	785.4	98.2
Trang Airport	27.2	0.0	245.2	19.8	757.0	53.9
Satun	27.5	-0.3	197.7	4.7	889.8	78.1
Over the area	27.5	-0.3	393.6	73.4 23%	1139.5	221.2 24%

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