

Monthly Weather Summary in Thailand June 2009

The influence of the moderate southwest monsoon blowing across the Andaman Sea, Thailand and the Gulf of Thailand occasionally strengthening, the low pressure trough lying across upper northern and northeastern Thailand during mid June, and the low pressure cell occasionally covering upper Vietnam caused abundant rainfall over upper Thailand almost June especially in the northern and central parts. For southern Thailand, rainfall occurred mainly in the upper portion during early and the second half of June. However dry spell was experienced in several areas of the lower portion of southern part and some areas of upper Thailand. Monthly rainfall was below normal in general i.e. northeastern part 51.5 mm (25%), eastern part 91.3 mm (34%), southern part (east coast) 36.5 mm (33%) and southern part (west coasts) 79.1 mm (25%) while it was inversely above normal in northern part 34.9 mm (23%) and central part 16.5 mm (12%) . Mean temperatures were slightly above normal in general.

1 – 10 June: The low pressure trough lay across upper northern and northeastern Thailand on June 1. In addition, the rather active southwest monsoon prevailing over Andaman Sea, Thailand and The Gulf of Thailand strengthened during mid period and the low pressure cell covering upper the Andaman Sea on June 4. These conditions produced plentiful of rainfall in upper Thailand almost the period. The maximum daily rainfall of 110.0 mm was found at Nong Kung Si in Kalasin province on June 10. Flash flood was reported at Chanthaburi and gusty winds at Nonthaburi, Nakhon Pathom, Chachoengsao, Bangkok and Trad provinces on June 2. For southern part, widely scattered rain was found with isolated heavy rainfall, except for fairly widespread rain with isolated heavy to very heavy rainfall on June 2 and 3. The highest daily rainfall was 274.8 mm at Kra buri in Ranong province on June 2 and flash floods were reported at Ranong and Chumphon on June 2 and 3, respectively.

11 – 20 June: The low pressure trough lying across northern and upper northeastern Thailand almost the period and lying towards the low pressure cell in Gulf of Tonkin during mid period and moderate to rather active southwest monsoon prevailing over Andaman Sea, Thailand and The Gulf of Thailand caused abundant rainfall over upper Thailand. Heavy to very heavy rainfall was found in some places mainly during mid period. The maximum daily rainfall of 170.0 mm was recorded in upper Thailand at Senangkhanikhom in Amnat Charoen province on June 15. Gusty winds at Phichit, Ang Thong and Rayong provinces with thunderbolt at Khon Kaen during the first half of the period. Flash floods were reported at Uttaradit, Phrae and Sukhothai provinces on June 18. Southern Thailand obtained isolated rain during early period then rainfall was obviously increased both amount and distribution and isolated heavy to very heavy rainfall mainly in the west coast. The highest daily rainfall amount was 139.6 mm at Takua Pa in Phang-nga province on June 16.

21 – 30 June: The moderate southwest monsoon prevailed over Andaman Sea, Thailand and The Gulf of Thailand. In late period, Low pressure cell covered Lao and upper Vietnam. These conditions produced scattered to fairly widespread rain in upper Thailand almost the period and isolated heavy to very heavy rainfall mainly during late period. The maximum daily rainfall of 90.5 mm was found at Kut Chum in Yasothon province on June 27. For southern part, scattered rain was found almost the period and isolated heavy rainfall for few days. The highest daily rainfall was 70.0 mm at Waeng in Narathiwat province on June 21.

Note : Rainfall, temperatures and natural disasters in this report was updated up to June 9, 2009.

Monthly Current Report
Rainfall and Accumulative Rainfall
June 2009

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	27.0	-0.1	183.9	-10.9	654.9	126.5
Mae Hong Son	27.5	0.1	158.7	-25.7	330.5	-110.4
Phayao	27.2	-0.4	114.3	12.5	409.6	6.3
Chiang Mai	27.7	0.1	140.2	20.8	396.8	33.3
Tha Wang Pha	26.7	-0.5	183.5	149.4	1105.9	304.4
Nan	27.9	-0.2	145.1	11.7	405.9	-43.4
Lamphun	27.7	-0.5	126.3	3.1	347.0	13.2
Lampang	27.8	-0.3	108.8	-5.9	428.6	66.6
Mae Sariang	26.5	-0.3	248.5	70.2	545.4	132.3
Phrae	27.6	-0.5	250.3	129.7	592.3	179.8
Uttaradit	28.0	-0.8	332.7	146.9	536.6	-8.8
Bhumibol Dam	27.5	-1.0	229.9	141.8	684.7	324.3
Tak	27.9	-0.4	129.7	5.5	419.6	66.2
Mae Sot	26.1	-0.1	418.3	183.0	678.7	216.7
Umphang	24.9	0.0	155.9	-35.1	572.6	50.8
Phitsanulok	28.3	-0.6	166.3	-13.5	388.3	-72.9
Lom Sak	27.9	-0.3	141.2	4.7	521.6	91.6
Phetchabun	28.0	-0.1	155.0	10.8	533.4	102.5
Wichian Buri	28.6	-0.4	109.4	-27.2	485.0	31.8
Kamphaeng Phet	27.9	-0.5	230.7	81.1	479.0	39.4
Over the area	27.4	-0.4	186.4	34.9 23%	525.8	90.7 21%

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	28.4	0.3	307.2	45.5	842.2	220.5
Loei	28.1	0.4	96.1	-78.6	678.6	143.1
Udon Thani	28.6	0.1	236.6	18.7	717.9	148.8
Nakhon Phanom	27.9	0.3	254.8	-145.5	887.0	65.7
Sakon Nakhon	28.6	0.6	213.5	-56.4	658.2	-9.0
Mukdahan	28.7	0.5	212.7	-48.5	716.7	129.5
Khon Kaen	28.9	0.3	84.7	-83.8	429.3	-38.9
Kosum Phisai	29.2	0.3	128.1	-64.9	394.5	-107.7
Roi Et	29.0	0.5	119.7	-89.6	462.5	-66.8
Chaiyaphum	28.5	0.1	34.5	-118.0	505.5	52.5
Ubon Ratchathani	28.3	0.2	219.2	-41.8	611.7	12.2
Tha Tum	28.9	0.0	290.6	75.1	585.1	57.8
Surin	28.0	-0.2	125.0	-81.2	650.3	140.9
Nakhon Ratchasima	29.1	0.3	66.5	-45.3	574.6	199.2
Chok Chai	29.0	0.4	38.6	-75.2	453.5	54.1
Nang Rong	28.5	0.0	107.0	-33.8	469.7	31.1
Over the area	28.6	0.3	158.4	-51.5 -25%	602.3	64.5 12%

- 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 2009

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	29.0	-0.5	116.8	6.4	492.7	119.6
Bua Chum	29.1	0.2	59.3	-52.8	333.7	-54.4
Lop Buri	29.0	0.2	88.7	-24.9	466.3	89.4
Suphan Buri	29.2	0.1	99.7	-0.5	181.9	-130.1
Thong Pha Phum	26.7	-0.3	282.9	-21.4	793.6	121.6
Kanchanaburi	28.5	-0.4	110.8	27.0	644.9	306.7
Bangkok Airport	29.2	0.3	263.2	128.0	969.3	553.6
Bangkok Metropolis	29.5	0.4	219.3	69.8	1072.5	569.5
Over the area	28.8	0.0	155.1	16.5 12%	619.4	197.1 47%

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	28.9	0.2	259.6	7.8	545.5	-123.1
Kabin Buri	28.0	-0.3	140.1	-85.5	640.1	49.1
Aranyaprathet	28.8	0.6	194.6	23.3	673.1	166.1
Chon Buri	29.8	0.5	131.5	-11.8	550.2	101.0
Ko Sichang	29.3	0.0	59.7	-64.1	368.0	-30.2
Pattaya	29.0	0.1	78.5	-25.7	487.6	92.4
Sattahip	29.4	0.2	101.1	-14.6	655.2	187.1
Rayong	29.4	0.0	63.6	-104.1	645.3	77.4
Chanthaburi	28.9	1.3	258.1	-257.2	1321.4	250.9
Khlong Yai	27.7	0.4	522.2	-380.7	1756.9	91.4
Over the area	28.9	0.3	180.9	-91.3 -34%	764.3	86.1 13%

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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	29.1	0.2	76.0	-17.0	355.0	108.7
Hua Hin	28.8	0.0	159.4	81.6	313.4	42.2
Prachuap Khiri Khan	28.0	-0.1	112.9	17.3	325.3	-42.9
Chumphon	28.1	0.7	184.1	10.3	611.4	-18.7
Surat Thani	28.2	0.7	44.9	-69.2	614.5	170.8
Ko Samui	29.6	1.1	53.9	-54.8	512.2	-67.5
Nakhon Si Thammarat	29.2	1.2	22.3	-76.8	904.7	260.4
Songkhla	29.6	0.8	11.2	-81.9	722.0	296.3
Hat Yai Airport	28.3	0.8	19.5	-87.3	573.5	68.7
Pattani Airport	29.0	1.3	11.0	-99.9	537.7	98.8
Narathiwat	28.3	0.4	103.5	-23.5	1211.7	639.0
Over the area	28.7	0.6	72.6	-36.5 -33%	607.4	141.4 30%

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	27.7	0.8	777.6	81.5	1821.2	445.9
Takua Pa	28.2	0.4	345.5	-56.4	1415.6	198.6
Phuket	29.5	1.2	134.5	-109.5	962.4	189.2
Phuket Airport	29.2	1.1	108.6	-153.8	1051.9	190.6
Ko Lanta	29.3	0.8	214.3	-4.5	750.1	62.9
Trang Airport	28.3	1.1	69.3	-156.1	634.8	-68.3
Satun	28.6	0.8	37.7	-155.3	844.7	33.0
Over the area	28.7	0.9	241.1	-79.1 -25%	1068.7	150.4 16%

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