

Monthly Weather Summary in Thailand June 2014

Under the influence of the rather active southwest monsoon that intermittently prevailed over the Andaman Sea, Thailand and the Gulf of Thailand associated with the monsoon trough during mid-June and active low pressure cell that periodically covered the upper Vietnam and the Gulf of Tonkin, Thailand occasionally received abundant rainfall almost all areas and thunder storms were reported in some areas. The amount of rainfall in June 2014 varied with above normal in most areas i.e. northeastern part 22.2 mm (11%), eastern part 17.7 mm (7%), southern part (east coast) 10.1 mm (9%) and southern part (west coast) 45.9 mm (15%). While northern and central areas were below normal rainfall 28.0 mm (18%) and 19.1 mm (13%), respectively. The total rainfall over Thailand in June was 2% above normal. However, the accumulated rainfall from January 1 until June 30 was 20% lower than normal. Monthly mean temperature was slightly warmer than normal over Thailand and hot weather still persisted in upper Thailand especially in early June.

1 - 10 June: The southwest monsoon that prevailing over the Andaman Sea, Thailand and the Gulf of Thailand was rather strong nearly the whole period associated with the low pressure cell cover Vietnam during the second half of the period. These conditions caused isolated rain with heavy rainfall in some areas of upper Thailand during the first half of the period and then increasing in rainfall nationwide. The highest daily rainfall of 156.8 mm was measured at Amphoe Warin Chamrap in Ubon Ratchathani province on June 10. Thunderstorm occurred at Suphan Buri province on June 2, at Nakhon Phanom province on June 6 and gusty wind occurred at Bangkok Metropolis on June 4. However, hot weather remained in upper Thailand during the first half of the period with the highest temperature were 39.1°C at Amphoe Muange in Nong Khai province and Amphoe Muange in Suphan Buri province on June 3. For southern part, widely scattered to scattered rain was observed nearly the whole period with heavy to very heavy rainfall in some areas, the maximum daily rainfall of 105.0 mm at Amphoe Chian Yai in Nakhon Si Thammarat province on June 3. Thunderstorm occurred at Nakhon Si Thammarat province on June 4 and Phatthalung province on June 6. However scanty rainfall remained in Phetchaburi province, with only isolated light to moderate rain on June 8 and 10.

11 - 20 June: During this period, upper Thailand received more rain than the previous period caused by the moderate monsoon trough which lay across the northern and upper northeastern parts toward the low pressure cell over the Gulf of Tonkin during early and middle period and the active southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand nearly the whole period. The heaviest daily rainfall in upper Thailand was 155.5 mm at Amphoe Ban Phaeng in Nakhon Phanom province on June 15. Plentiful rainfall was observed in southern Thailand during early period with isolated heavy to very heavy rainfall, then decreasing in rainfall mainly in lower portion and scanty rainfall occurred in several areas. The highest rainfall amount, 107.7 mm was recorded at Amphoe Takua Pa in Phang-nga province on June 16.

21 - 30 June: The moderate to rather active southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand nearly the whole period. Moreover, the low pressure cell covered upper Vietnam and the Gulf of Tonkin during the early period and strengthened during late period. These conditions caused scattered to fairly widespread rain over Thailand with isolated heavy to very heavy rainfall mainly during early and late period. The highest daily rainfall in upper Thailand was 265.0 mm at Amphoe Ban Phaeng in Nakhon Phanom province on June 23. Thunderstorm occurred at Roi Et province on June 21. While in southern Thailand, the highest rainfall amount, 182.3 mm was recorded at Amphoe Phato in Chumphon province on June 23 and thunderstorm occurred at Narathiwat province on June 26.

Note : Rainfall, temperatures and natural disasters available in this report are preliminary data.

Climatological Center
Meteorological Development Bureau
Thai Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
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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	28.0	0.8	150.9	-27.5	441.3	-97.9
Mae Hong Son	28.4	0.8	165.7	-24.8	332.4	-125.0
Phayao	28.1	0.5	92.9	-9.9	266.3	-150.5
Chiang Mai	28.8	1.2	58.8	-65.7	335.7	-39.0
Tha Wang Pha	27.5	0.3	118.5	24.2	785.8	9.0
Nan	29.2	0.9	82.3	-51.5	391.6	-68.1
Lamphun	28.9	0.7	97.5	-26.7	297.0	-47.3
Lampang	28.5	0.2	125.1	7.6	482.4	104.2
Mae Sariang	27.3	0.5	194.8	11.8	339.8	-72.4
Phrae	28.6	0.4	191.7	52.9	474.7	33.5
Uttaradit	29.3	0.4	279.7	73.3	679.3	128.5
Bhumibol Dam	28.8	0.3	141.2	34.7	308.0	-92.8
Tak	29.1	0.7	126.2	-1.6	247.5	-135.7
Mae Sot	27.4	1.1	180.5	-74.9	238.0	-261.8
Umphang	26.0	1.0	77.3	-110.2	352.4	-195.2
Phitsanulok	29.5	0.5	50.7	-115.0	306.5	-129.9
Lom Sak	28.9	0.7	98.8	-37.4	219.9	-196.0
Phetchabun	29.2	1.0	127.6	-34.1	310.8	-159.3
Wichian Buri	29.7	0.6	62.8	-81.5	333.3	-129.9
Kamphaeng Phet	29.4	1.0	140.4	-24.7	324.2	-141.3
Over the area	28.5	0.6	128.2	-28.0 -18%	373.3	-75.1 -17%

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	28.9	0.7	310.6	48.3	484.6	-151.4
Loei	28.5	0.7	186.9	27.3	440.4	-82.8
Udon Thani	29.1	0.5	194.6	-34.4	437.8	-141.8
Nakhon Phanom	27.8	0.0	748.8	339.3	998.5	136.7
Sakon Nakhon	28.4	0.3	325.6	58.8	582.6	-96.6
Mukdahan	28.8	0.5	164.1	-69.3	429.3	-139.9
Khon Kaen	29.7	1.1	94.5	-67.1	333.0	-154.4
Kosum Phisai	30.0	1.0	133.0	-44.8	449.0	-49.6
Roi Et	29.4	0.7	313.3	89.8	556.4	6.9
Chaiyaphum	30.1	1.6	37.0	-100.6	257.6	-182.9
Ubon Ratchathani	28.6	0.2	563.9	323.7	752.0	168.5
Tha Tum	29.5	0.4	240.8	34.7	395.5	-135.0
Surin	29.1	0.8	137.2	-67.5	357.3	-183.2
Nakhon Ratchasima	30.0	0.9	54.8	-49.7	364.8	-27.4
Chok Chai	30.0	1.3	33.7	-73.6	156.8	-237.1
Nang Rong	29.5	0.9	70.4	-59.3	449.6	-0.5
Over the area	29.2	0.7	225.6	22.2 11%	465.3	-79.5 -15%

- NOTES :
- 1) Mean temperature is the average of daily dry-bulb temperature
 - 2) "T" is trace, rainfall amount less than 0.1 mm.
 - 3) "blank" is incomplete data.
 - 4) Temperature and rainfall are preliminary data.

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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	29.9	0.5	160.7	23.4	486.4	85.4
Bua Chum	29.7	0.8	183.7	67.4	335.3	-60.2
Lop Buri	30.0	1.0	106.2	-17.8	268.0	-129.3
Suphan Buri	30.2	1.0	60.2	-34.2	174.2	-113.1
Thong Pha Phum	27.7	0.6	178.8	-99.5	537.1	-138.7
Kanchanaburi	30.0	1.0	65.9	-20.5	230.5	-130.2
Bangkok Airport	30.0	0.6	105.9	-62.2	438.2	-86.8
Bangkok Metropolis	30.0	0.5	147.4	-9.7	296.8	-274.8
Over the area	29.7	0.8	126.1	-19.1 -13%	345.8	-106.0 -23%

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	29.7	0.8	161.7	-61.8	358.8	-287.1
Kabin Buri	28.6	0.2	263.9	66.0	379.5	-194.9
Aranyaprathet	29.4	0.8	156.8	-6.8	443.8	-59.2
Chon Buri	30.5	0.9	131.8	-15.9	348.0	-120.8
Ko Sichang	30.1	0.8	101.4	-24.0	245.8	-167.5
Pattaya	29.8	0.9	75.1	-43.9	195.7	-218.8
Sattahip	30.0	0.6	145.3	15.2	319.3	-165.4
Rayong	29.8	0.4	124.1	-41.0	205.5	-367.3
Chanthaburi	28.8	0.9	555.2	42.6	937.1	-220.2
Khlong Yai	27.6	0.2	1077.1	247.2	1644.2	-36.3
Over the area	29.4	0.6	279.2	17.7 7%	507.8	-183.8 -27%

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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	30.0	1.0	73.6	-18.4	163.0	-113.8
Hua Hin	30.1	1.1	26.0	-52.9	69.9	-245.3
Prachuap Khiri Khan	28.7	0.3	144.4	58.2	283.4	-103.2
Chumphon	28.2	0.6	364.9	197.7	510.4	-134.7
Surat Thani	27.9	0.3	139.9	14.9	463.4	13.9
Ko Samui	29.5	0.8	135.7	11.6	292.7	-291.8
Nakhon Si Thammarat	28.7	0.5	93.7	-23.6	565.3	-136.1
Songkhla	29.4	0.8	101.4	1.5	348.1	-129.6
Hat Yai Airport	28.2	0.5	41.0	-78.3	246.4	-292.5
Pattani Airport	28.8	0.9	95.0	-14.4	280.6	-173.2
Narathiwat	28.6	0.7	138.2	15.0	547.7	-63.1
Over the area	28.9	0.7	123.1	10.1 9%	342.8	-151.9 -31%

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	27.9	0.6	845.8	196.4	1291.2	-98.6
Takua Pa	28.1	0.3	473.0	48.8	1138.4	-128.4
Phuket	29.3	0.7	298.4	85.1	730.4	-13.0
Phuket Airport	29.0	0.7	308.4	51.6	823.5	-32.5
Ko Lanta	29.0	0.5	202.2	-56.3	623.7	-94.0
Trang Airport	28.3	0.9	230.1	29.0	729.9	34.9
Satun	28.6	0.8	150.3	-33.2	727.7	-84.1
Over the area	28.6	0.6	358.3	45.9 15%	866.4	-59.4 -6%

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