

Monthly Weather Summary in Thailand June 2010

This month Thailand received fairly widespread rain mainly in the beginning and the end of the month. Under the influence of the southwest monsoon, a trough of low pressure associated with the low pressure cell in the Gulf of Tonkin, the weather was mainly rainy in Thailand. However, the consecutive dry days were observed in most of the areas of upper Thailand during mid month. In Southern Thailand, abundant rainfall occurred mainly in the west coast. Monthly rainfall was below normal, i.e. northern part 13.8 mm (9%), northeastern part 54.1 mm (26%) and eastern part 16.9 mm (6%) while it was inversely above normal in central part 32.1 mm (23%), southern part (east coast) 5.1 mm (5%) and southern part (west coasts) 146.3 mm (46%). However, the accumulated rainfalls since 1 January in most regions were below normal.

1 – 10 June: The rather active southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand almost the period. In addition, the low pressure trough lay across northern and northeastern Thailand during mid period associated with the low pressure cell covered the Gulf of Tonkin on June 9. These conditions produced plentiful of rainfall in upper Thailand almost the period. The maximum daily rainfall of 118.3 mm was found at Mukdahan Sericulture Research in Mukdahan province on June 2. Thunderstorm and land slide was reported at Si Saket province on June 4. For southern part, widespread rain was found in the west coast with isolated heavy rainfall and widely scattered to scattered rain with isolated heavy in the east coast. The highest daily rainfall was 76.9 mm at Phuket Airport in Phuket province on June 5. Thunderstorms were reported at Prachuap Khiri Khan and Phuket provinces on June 6 and land slide at Phuket province on the same day.

11 – 20 June: With the weakening of the southwest monsoon, upper Thailand experienced less rain during this period. The 7-10 consecutive dry days were observed from many areas in northern and northeastern parts. Isolated to widely scattered rain and heavy rainfall was found in some places. The maximum daily rainfall of 75.0 mm was recorded in upper Thailand at Seka in Nong Khai province on June 13. Southern Thailand obtained widely scattered to scattered rain almost the period and isolated heavy to very heavy rainfall mainly in the west coast. The highest daily rainfall amount was 113.1 mm at Phuket Airport in Phuket province on June 20. However scanty rainfall occurred at Muang in Chumphorn province throughout the period.

21 – 30 June: Under the combined effect of a rather strong southwest monsoon and the low pressure trough lay across northern and upper northeastern Thailand to the low pressure cell in the Gulf of Tonkin, Thailand received abundant rainfall during early and late period. Moreover, the easterly wave has moved to the Gulf of Thailand and induced more rain in Thailand at the end of June. The maximum daily rainfall of 135.0 mm was found at Phitsanulok Rice Research Station in Phitsanulok province on June 28. Thunderstorm and gusty wind was reported at Nakhon Phanom province on June 20 and flash floods at Lampang province on June 22. For southern part, the highest daily rainfall was 139.6 mm at Muang in Ranong province on June 21. Flood was reported at Satun province on June 23.

Note : Rainfall, temperatures and natural disasters in this report was updated up to July 2, 2010.

Climatological Center
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
June 2010

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	28.6	1.5	166.6	-28.2	429.1	-99.3
Mae Hong Son	29.2	1.8	127.1	-57.3	276.3	-164.6
Phayao	29.2	1.6	94.1	-7.7	397.7	-5.6
Chiang Mai	29.7	2.1	122.7	3.3	199.0	-164.5
Tha Wang Pha	27.4	0.2	102.9	-46.7	608.1	-193.4
Nan	30.3	2.2	115.0	-18.4	358.9	-90.4
Lamphun	29.7	1.5	135.4	12.2	216.0	-117.8
Lampang	30.2	2.1	151.2	36.5	295.3	-66.7
Mae Sariang	28.2	1.4	113.9	-64.4	200.1	-213.0
Phrae	30.4	2.3	113.0	-7.6	215.1	-197.4
Uttaradit	30.5	1.7	187.5	1.7	236.5	-308.9
Bhumibol Dam	30.3	1.8	230.7	142.6	338.5	-21.9
Tak	30.3	2.0	208.1	83.9	300.0	-53.4
Mae Sot	28.2	2.0	87.9	-147.4	208.9	-253.1
Umphang	26.5	1.6	108.3	-82.7	390.7	-131.1
Phitsanulok	30.7	1.8	84.0	-95.8	295.2	-166.0
Lom Sak	30.0	1.8	78.5	-58.0	218.0	-212.0
Phetchabun	30.3	2.2	127.2	-17.0	320.6	-110.3
Wichian Buri	30.3	1.3	195.9	59.3	478.5	25.3
Kamphaeng Phet	29.9	1.5	204.6	55.0	448.5	8.9
Over the area	29.5	1.7	137.7	-13.8 -9%	321.6	-113.5 -26%

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	29.7	1.6	174.8	-86.9	381.6	-240.1
Loei	29.0	1.3	91.6	-83.1	373.2	-162.3
Udon Thani	29.9	1.4	214.4	-3.5	482.9	-86.2
Nakhon Phanom	29.2	1.6	176.4	-223.9	617.0	-204.3
Sakon Nakhon	29.2	1.2	193.1	-76.8	519.4	-147.8
Mukdahan	30.0	1.8	231.8	-29.4	502.6	-84.6
Khon Kaen	30.0	1.4	181.7	13.2	428.4	-39.8
Kosum Phisai	30.4	1.5	162.8	-30.2	293.7	-208.5
Roi Et	29.9	1.4	186.5	-22.8	346.7	-182.6
Chaiyaphum	30.0	1.6	95.5	-57.0	274.4	-178.6
Ubon Ratchathani	29.7	1.6	136.4	-124.6	374.4	-225.1
Tha Tum	30.4	1.5	112.8	-102.7	370.9	-156.4
Surin	29.3	1.1	133.0	-73.2	430.7	-78.7
Nakhon Ratchasima	30.2	1.4	120.6	8.8	389.2	13.8
Chok Chai	29.6	1.0	167.7	53.9	442.3	42.9
Nang Rong	29.3	0.8	113.5	-27.3	414.7	-23.9
Over the area	29.7	1.4	155.8	-54.1 -26%	415.1	-122.7 -23%

- 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 2010

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	30.6	1.1	231.2	120.8	333.5	-39.6
Bua Chum	30.4	1.5	107.8	-4.3	306.9	-81.2
Lop Buri	30.2	1.4	225.6	112.0	315.4	-61.5
Suphan Buri	30.2	1.1	112.9	12.7	225.6	-86.4
Thong Pha Phum	28.8	1.8	144.6	-159.7	367.1	-304.9
Kanchanaburi	30.7	1.8	124.2	40.4	253.4	-84.8
Bangkok Airport	30.2	1.3	220.5	85.3	646.4	230.7
Bangkok Metropolis	30.6	1.5	198.8	49.3	612.8	109.8
Over the area	30.2	1.4	170.7	32.1 23%	382.6	-39.7 -9%

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	30.1	1.4	282.8	31.0	637.0	-31.6
Kabin Buri	29.2	0.9	102.7	-122.9	400.5	-190.5
Aranyaprathet	29.5	1.3	64.6	-106.7	395.0	-112.0
Chon Buri	30.6	1.3	132.7	-10.6	384.6	-64.6
Ko Sichang	30.0	0.7	149.4	25.6	386.0	-12.2
Pattaya	29.4	0.5	178.4	74.2	337.5	-57.7
Sattahip	29.7	0.5	287.3	171.6	529.1	61.0
Rayong	29.7	0.3	221.2	53.5	619.1	51.2
Chanthaburi	28.5	0.9	492.8	-22.5	1140.9	70.4
Khlong Yai	28.1	0.8	641.2	-261.7	1334.7	-330.8
Over the area	29.5	0.9	255.3	-16.9 -6%	616.4	-61.8 -9%

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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	1.1	109.7	16.7	323.2	76.9
Hua Hin	29.9	1.1	75.2	-2.6	181.1	-90.1
Prachuap Khiri Khan	29.8	1.7	53.7	-41.9	213.2	-155.0
Chumphon	28.7	1.3	54.6	-119.2	471.0	-159.1
Surat Thani	28.5	1.0	155.6	41.5	338.3	-105.4
Ko Samui	29.7	1.2	86.8	-21.9	433.0	-146.7
Nakhon Si Thammarat	28.6	0.6	175.4	76.3	582.6	-61.7
Songkhla	28.8	0.0	184.5	91.4	335.3	-90.4
Hat Yai Airport	27.9	0.4	149.6	42.8	460.8	-44.0
Pattani Airport	28.9	1.2	100.9	-10.0	221.1	-217.8
Narathiwat	28.4	0.5	110.3	-16.7	435.1	-137.6
Over the area	29.0	0.9	114.2	5.1 5%	363.2	-102.8 -22%

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	27.8	0.9	453.6	-242.5	877.5	-497.8
Takua Pa	27.5	-0.3	644.3	242.4	1238.1	21.1
Phuket	29.0	0.7	466.5	222.5	852.7	79.5
Phuket Airport	28.5	0.4	625.4	363.0	1141.9	280.6
Ko Lanta	28.7	0.2	429.4	210.6	610.0	-77.2
Trang Airport	27.7	0.5	295.5	70.1	685.2	-17.9
Satun	27.9	0.1	351.1	158.1	1085.3	273.6
Over the area	28.2	0.4	466.5	146.3 46%	927.2	8.9 1%

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