

# Monthly Weather Summary in Thailand

## June 2012

Under the influence of the southwest monsoon that prevailed over the Andaman Sea, Thailand and the Gulf of Thailand associated with the monsoon trough and the low pressure cell covering the Gulf of Tonkin and upper Vietnam in late June, Thailand occasionally received abundant rainfall almost all areas. However, the consecutive dry days were observed in several areas during June 9-14 when the monsoon trough moved northwards to lie across Myanmar and Lao and the weak southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand. Monthly rainfall was below normal in northern part 24.9 mm (16%), northeastern part 73.2 mm (35%), central part 1.3 mm (1%), eastern part 44.0 mm (16%) and southern part (east coast) 12.1 mm (11%) while it was inversely above normal in southern part (west coast) 14.4 mm (4%). Nevertheless, the accumulated rainfalls since 1 January in most of the regions were above normal. Mean temperatures of June were slightly above normal in all parts of the country.

**1 – 10 June:** The monsoon trough lay across northern and upper northeastern parts of Thailand and moved northwards to lie across Myanmar and Lao for awhile during mid-period. In addition, the active southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand nearly the whole period. These conditions produced scattered to fairly widespread rain with isolated heavy to very heavy rainfall in upper Thailand almost the period. The maximum daily rainfall of 185.0 mm was found at Huai Rai Khao Plung in Phrae province on June 7. Landslide was reported at Mae Hong Son provinces on June 5 with flash floods at Phrae and Uttaradit provinces on June 8 and Mae Hong Son province on June 9. For southern part, plentiful of rainfall was found especially in the west coast with consecutively isolated heavy to very heavy rainfalls in several areas. The maximum daily rainfall was 203.1 mm at Muang in Ranong province on June 5. Flash floods were reported at Chumphon, Surat Thani, Ranong, Trang, Phangnga, Phuket and Krabi provinces during late period.

**11 – 20 June:** With the weakening and disappearing of the monsoon trough and the weakening of the active southwest monsoon during middle period, there was an almost absent of rainfall over upper Thailand during the first half of this period. The monsoon trough was strengthen and lay across northern and upper northeastern parts during June 15-17 to the depression in the upper South China Sea on June 17, upper Thailand turned more rain during the second half of this period, excepted for fairly widespread rain with isolated heavy to very heavy rainfall in northeastern part only during June 16-18. The highest daily rainfall of 112.7 mm was recorded in upper Thailand at Khlong Yai in Trat province on June 12. For southern part, isolated to widely scattered rain was found mainly in the upper portion on June 11 after that rainfall was obviously decreased with no rain in many areas throughout the period. The highest daily rainfall amount was 19.9 mm at Muang in Ranong province on June 16.

**21 – 30 June:** The southwest monsoon was rather active during the second half of this period accompany with the low pressure cell located in the Gulf of Tonkin and upper Vietnam almost the whole period, bringing scattered to fairly widespread rain in upper Thailand and heavy to very heavy rainfall in some areas mainly in the second half of this period. The highest daily rainfall amount was 189.2 mm at Muang in Trat province on June 28. Southern part experienced rainfall especially in late period with scattered to fairly widespread rain and heavy rainfall in some areas. The highest daily rainfall was 74.8 mm at Su-ngai Padi in Narathiwat province on June 28.

---

**Note :** 1. Rainfall, temperatures and natural disasters available in this report are preliminary data.  
2. During June 2012, there were 2 tropical cyclones moved into the upper South China Sea namely tropical storm “TALIM (1205)” during 17-21 June and tropical storm “DOKSURI (1206)” during 25-30 June. These tropical storms were not a direct effect on weather in Thailand.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
June 2012

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	27.6	0.5	129.0	-65.8	835.1	306.7
Mae Hong Son	27.3	-0.1	264.4	80.0	715.8	274.9
Phayao	27.8	0.2	24.1	-77.7	386.9	-16.4
Chiang Mai	28.2	0.6	55.9	-63.5	367.5	4.0
Tha Wang Pha	27.5	0.3	91.1	80.9	1125.6	324.1
Nan	28.5	0.4	50.5	-82.9	704.2	254.9
Lamphun	28.2	0.0	67.7	-55.5	331.3	-2.5
Lampang	27.8	-0.3	100.9	-13.8	560.3	198.3
Mae Sariang	26.6	-0.2	258.1	79.8	524.3	111.2
Phrae	27.8	-0.3	120.8	0.2	637.3	224.8
Uttaradit	28.6	-0.2	125.2	-60.6	679.4	134.0
Bhumibol Dam	27.9	-0.6	71.3	-16.8	389.0	28.6
Tak	28.3	0.0	104.1	-20.1	420.0	66.6
Mae Sot	26.4	0.2	409.2	173.9	653.1	191.1
Umphang	24.9	0.0	178.0	-13.0	617.0	95.2
Phitsanulok	28.7	-0.2	88.7	-91.1	360.5	-100.7
Lom Sak	28.4	0.2	69.5	-67.0	308.3	-121.7
Phetchabun	28.5	0.4	78.7	-65.5	369.2	-61.7
Wichian Buri	28.7	-0.3	64.9	-71.7	395.5	-57.7
Kamphaeng Phet	28.5	0.1	179.0	29.4	447.2	7.6
Over the area	27.8	0.0	126.6	-24.9 -16%	541.4	106.3 24%

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	28.6	0.5	206.1	-55.6	794.3	172.6
Loei	28.4	0.7	94.3	-80.4	493.0	-42.5
Udon Thani	28.7	0.2	133.5	-84.4	388.9	-180.2
Nakhon Phanom	27.8	0.2	384.3	-16.0	914.6	93.3
Sakon Nakhon	28.3	0.3	230.1	-39.8	948.3	281.1
Mukdahan	28.5	0.3	179.5	-81.7	502.0	-85.2
Khon Kaen	28.4	-0.2	86.4	-82.1	508.8	40.6
Kosum Phisai	29.1	0.2	59.9	-133.1	723.1	220.9
Roi Et	29.2	0.7	55.2	-154.1	507.4	-21.9
Chaiyaphum	28.3	-0.1	182.0	29.5	497.4	44.4
Ubon Ratchathani	28.6	0.5	128.8	-132.2	476.7	-122.8
Tha Tum	29.2	0.3	70.8	-144.7	549.7	22.4
Surin	28.5	0.3	177.8	-28.4	431.7	-77.7
Nakhon Ratchasima	29.1	0.3	97.2	-14.6	484.3	108.9
Chok Chai	28.8	0.2	28.3	-85.5	449.7	50.3
Nang Rong	28.5	0.0	72.4	-68.4	389.1	-49.5
Over the area	28.6	0.3	136.7	-73.2 -35%	566.2	28.4 5%

- 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.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
June 2012

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	29.1	-0.4	91.7	-18.7	347.8	-25.3
Bua Chum	28.6	-0.3	102.1	-10.0	463.8	75.7
Lop Buri	28.7	-0.1	92.0	-21.6	339.5	-37.4
Suphan Buri	29.2	0.1	38.0	-62.2	250.4	-61.6
Thong Pha Phum	26.6	-0.4	420.7	116.4	765.2	93.2
Kanchanaburi	29.6	0.7	60.5	-23.3	261.6	-76.6
Bangkok Airport	29.9	1.0	158.7	23.5		
Bangkok Metropolis	29.5	0.4	134.8	-14.7	446.0	-57.0
Over the area	28.9	0.1	137.3	-1.3 -1%	410.6	-11.7 -3%

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	302.4	50.6	597.2	-71.4
Kabin Buri	28.1	-0.2	205.4	-20.2	464.8	-126.2
Aranyaprathet	28.8	0.6	120.6	-50.7	403.0	-104.0
Chon Buri	30.3	1.0	138.3	-5.0	447.4	-1.8
Ko Sichang	29.5	0.2	80.0	-43.8	408.7	10.5
Pattaya	29.1	0.2	64.4	-39.8	264.4	-130.8
Sattahip	29.4	0.2	180.9	65.2	527.1	59.0
Rayong	29.3	-0.1	66.7	-101.0	483.7	-84.2
Chanthaburi	28.7	1.1	286.6	-228.7	1147.8	77.3
Khlong Yai	27.8	0.5	836.7	-66.2	2018.4	352.9
Over the area	29.0	0.4	228.2	-44.0 -16%	676.3	-1.9 0%

- 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.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
June 2012

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	29.5	0.6	39.7	-53.3	354.9	108.6
Hua Hin	29.6	0.8	16.7	-61.1	261.9	-9.3
Prachuap Khiri Khan	28.7	0.6	34.1	-61.5	344.9	-23.3
Chumphon	28.0	0.6	259.7	85.9	844.5	214.4
Surat Thani	27.7	0.2	228.8	114.7	970.7	527.0
Ko Samui	28.9	0.4	95.1	-13.6	671.2	91.5
Nakhon Si Thammarat	28.8	0.8	56.9	-42.2	1368.5	724.2
Songkhla	29.1	0.3	63.0	-30.1	909.2	483.5
Hat Yai Airport	28.2	0.7	74.2	-32.6	663.9	159.1
Pattani Airport	28.5	0.8	70.1	-40.8	858.3	419.4
Narathiwat	28.4	0.5	129.1	2.1	996.3	423.6
Over the area	28.7	0.6	97.0	-12.1 -11%	749.5	283.5 61%

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	27.6	0.7	863.4	167.3	2445.1	1069.8
Takua Pa	27.9	0.1	404.6	2.7	2020.3	803.3
Phuket	29.4	1.1	177.6	-66.4	1006.7	233.5
Phuket Airport	28.8	0.7	268.7	6.3	1412.0	550.7
Ko Lanta	28.6	0.1	265.2	46.4	1101.3	414.1
Trang Airport	27.8	0.6	274.1	48.7	1088.3	385.2
Satun	28.5	0.7	88.3	-104.7	1084.7	273.0
Over the area	28.4	0.6	334.6	14.4 4%	1451.2	532.9 58%

- 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.





















