

## Monthly Weather Summary in Thailand

July 2015

The southwest monsoon prevailing over the Andaman Sea, Thailand and the Gulf of Thailand was active during early and mid-month. In addition, the monsoon trough mostly lay across Myanmar, Laos and upper Vietnam and moved southwards to lie across the northern and northeastern parts of Thailand coupled with the low pressure cell periodically covering upper Vietnam and the Gulf of Tonkin. These conditions brought abundant rainfall over Thailand especially in the northern, northeastern and western coast of southern part. Monthly rainfall was above normal in northern part 24.0 mm (14%), northeastern part 67.4 mm (32%) and southern part (west coast) 91.0 mm (27%) while it was below normal in central part 23.8 mm (15%), eastern part 103.8 mm (37%) and southern part (east coast) 23.0 mm (19%). Mean temperatures were above normal in general.

**1 – 10 July:** The active southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand almost the whole period. In addition, during the second half of the period, the monsoon trough lay across Myanmar, Laos and upper Vietnam toward the low pressure cell in the Gulf of Tonkin before moved southward to lie over the northern and northeastern parts of Thailand. These caused abundant rainfall in the northern and northeastern parts during the second half of the period especially in the northeastern part that obtained heavy to very heavy rainfall in many areas. Isolated to widely scattered rain was found in the central and eastern parts with isolated heavy to very heavy rainfall along the lower coastal areas. The maximum daily rainfall of 175.5 mm was measured at Amphoe Muang in Kalasin province on July 7. In southern part, scattered to fairly widespread rain was found along the east coast whereas widespread rain was found along the west coast. The highest rainfall amount was 91.5 mm at Phato in Chumphon province on July 6.

**11 – 20 July:** The monsoon trough migrating northwards to lie over Myanmar, Laos and upper Vietnam before lying across the northern and northeastern parts to the low pressure cell in the Gulf of Tonkin during late period coupled with the rather active southwest monsoon blowing over the Andaman Sea, Thailand and the Gulf of Thailand, bringing abundant rainfall in upper Thailand mainly during the middle and the end of the period especially in the northeastern part obtained widespread rainfall nearly the whole period. The maximum daily rainfall of 174.5 mm was found at Tha Uthen in Nakhon Phanom province on July 20. Southern Thailand obtained scattered to fairly widespread rain with isolated heavy to very heavy rainfall along the east coast while widespread rain was found along the west coast nearly the whole period. The heaviest daily rainfall of 127.2 mm occurred at Amphoe Muang in Ranong province on July 13.

**21 – 31 July:** The monsoon trough lay across upper of Myanmar and Vietnam during the first half of the period after that it moved southwards to lie from the tropical depression in the upper Bay of Bengal which later intensified into the tropical cyclone “KOMEN” (02B) across Myanmar and Laos to the low pressure cell in the upper Vietnam during late period accompanied with the prevailing of the moderate southwest monsoon almost the whole period. Under these influences, northern part received widespread rain with heavy rainfall in some areas whereas in the northeastern, central and eastern parts experienced abundant rainfall during the middle and the end of the period. The maximum daily rainfall in upper Thailand was 300.3 mm at Rattanawapi in Nong Khai province on July 28. Flash flood and land-slide occurred at Mae Hong Son province on Jul 29 with flooding at Bueng Kan on July 30 and land-slide at Tak on July 31. In southern part, there was decreasing in rainfall, isolated to widely scattered rain was measured with heavy rainfall in some areas. The highest daily rainfall amount was 85.2 mm at Ko Lanta in Krabi province on July 30.

---

**Note :** Rainfall, temperatures and natural disasters in this report were updated up to August 4, 2015

Climatological Center  
Meteorological Development Bureau  
Meteorological Department

Monthly Current Report  
Rainfall and Accumulative Rainfall  
July 2015

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	27.7	1.0	323.2	12.3	784.2	-65.9
Mae Hong Son	27.5	0.5	193.9	-33.0	547.7	-136.6
Phayao	27.6	0.6	140.3	-1.5	472.2	-86.4
Chiang Mai	28.2	1.0	120.2	-20.0	372.1	-142.8
Tha Wang Pha	28.1	0.9	323.9	55.5	815.8	39.0
Nan	28.6	0.9	219.9	19.2	587.8	-72.6
Lamphun	28.3	0.5	120.3	3.3	518.9	57.6
Lampang	28.5	0.7	146.5	11.9	494.1	-18.7
Mae Sariang	26.5	0.3	410.9	229.7	756.5	163.1
Phrae	28.6	0.9	122.5	-31.7	462.6	-132.8
Uttaradit	29.0	0.6	163.7	-2.7	409.1	-308.1
Bhumibol Dam	28.7	0.5	115.5	48.8	348.4	-119.1
Tak	28.8	0.7	98.2	10.5	317.0	-153.9
Mae Sot	26.2	0.4	465.3	136.3	924.5	95.7
Umphang	25.2	0.7	131.5	-100.1	689.1	-90.1
Phitsanulok	29.2	0.7	120.8	-58.6	383.3	-232.5
Lom Sak	28.7	1.1	202.3	73.7	350.3	-194.2
Phetchabun	28.8	1.1	276.0	127.2	511.2	-107.7
Wichian Buri	29.4	0.8	187.6	41.7	521.7	-87.4
Kamphaeng Phet	29.2	1.1	118.0	-41.4	368.1	-256.8
Over the area	28.1	0.7	200.0	24.0 14%	531.7	-92.7 -15%

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	0.8	441.7	160.3	737.4	-180.0
Loei	28.1	0.7	167.3	21.5	508.9	-160.1
Udon Thani	28.6	0.4	263.1	52.2	629.8	-160.7
Nakhon Phanom	27.3	0.0	797.5	294.5	1163.8	-201.0
Sakon Nakhon	27.8	0.1	408.6	119.9	938.0	-29.9
Mukdahan	28.1	0.3	300.0	68.1	640.8	-160.3
Khon Kaen	28.3	0.2	135.9	-37.4	494.0	-166.7
Kosum Phisai	28.8	0.2	208.0	48.0	476.4	-182.2
Roi Et	28.8	0.5	192.0	-3.9	451.7	-293.7
Chaiyaphum	28.9	0.9	181.1	70.7	386.7	-164.2
Ubon Ratchathani	28.1	0.1	288.0	33.6	690.1	-147.8
Tha Tum	28.9	0.3	222.0	3.8	486.7	-262.0
Surin	28.3	0.4	322.4	101.1	738.9	-22.9
Nakhon Ratchasima	29.5	0.9	242.7	121.8	500.7	-12.4
Chok Chai	29.2	0.9	138.7	19.8	470.8	-42.0
Nang Rong	28.7	0.6	151.8	3.8	454.4	-143.7
Over the area	28.5	0.5	278.8	67.4 32%	610.6	-145.6 -19%

- 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  
July 2015

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	30.5	1.7	77.3	-70.7	250.5	-298.5
Bua Chum	29.7	1.2	143.5	26.5	387.8	-124.7
Lop Buri	30.1	1.5	72.7	-47.4	327.8	-189.6
Suphan Buri	30.0	1.3	103.3	4.5	349.5	-36.6
Thong Pha Phum	27.1	0.6	286.4	-36.8	884.2	-114.8
Kanchanaburi	29.9	1.3	71.5	-31.4	393.3	-70.3
Bangkok Airport	30.2	1.2	78.3	-80.8	460.5	-223.6
Bangkok Metropolis	29.9	0.9	220.8	45.7	1095.4	348.7
Over the area	29.7	1.2	131.7	-23.8 -15%	518.6	-88.7 -15%

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	29.5	1.0	140.4	-131.5	634.9	-282.9
Kabin Buri	28.5	0.6	167.0	-74.2	531.7	-283.9
Aranyaprathet	29.1	1.0	176.7	10.3	443.4	-226.0
Chon Buri	30.5	1.3	86.6	-54.0	369.0	-240.4
Ko Sichang	29.7	0.8	73.4	-50.0	332.1	-204.6
Pattaya	29.4	0.9	90.6	-6.8	457.9	-54.0
Sattahip	29.6	0.7	48.3	-59.2	312.0	-280.2
Rayong	29.5	0.5	52.5	-119.3	555.8	-188.8
Chanthaburi	28.8	1.2	339.7	-143.5	1382.4	-258.1
Khlong Yai	28.1	1.1	561.8	-409.8	2002.6	-649.5
Over the area	29.3	0.9	173.7	-103.8 -37%	702.2	-266.9 -28%

- 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  
July 2015

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	29.8	1.1	71.5	-9.3	301.8	-55.8
Hua Hin	29.7	1.1	62.8	-30.2	222.1	-186.1
Prachuap Khiri Khan	28.4	0.4	95.6	-13.7	472.4	-23.5
Chumphon	27.8	0.6	119.2	-59.8	683.9	-140.2
Surat Thani	27.8	0.7	170.1	21.3	501.8	-96.5
Ko Samui	29.2	0.9	64.7	-51.6	400.1	-300.7
Nakhon Si Thammarat	28.3	0.4	96.3	-21.5	425.0	-394.2
Songkhla	28.9	0.6	55.9	-39.1	376.2	-196.5
Hat Yai Airport	27.5	0.1	98.0	-6.5	566.2	-77.2
Pattani Airport	27.7	0.1	130.9	1.8	372.7	-210.2
Narathiwat	28.1	0.6	90.4	-43.6	602.0	-142.8
Over the area	28.5	0.6	95.9	-23.0 -19%	447.7	-165.9 -27%

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	27.4	0.5	834.2	213.5	1700.9	-309.6
Takua Pa	27.9	0.5	470.3	40.4	1443.8	-252.9
Phuket	28.4	0.2	321.2	63.0	949.1	-52.5
Phuket Airport	28.6	0.7	250.5	-11.0	937.3	-180.2
Ko Lanta	28.5	0.3	274.8	-21.5	946.9	-67.1
Trang Airport	27.5	0.5	402.4	143.9	919.0	-34.5
Satun	27.6	0.2	438.9	208.3	1103.4	61.0
Over the area	28.0	0.4	427.5	91.0 27%	1142.9	-119.4 -9%

- 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.

























