

## Monthly Weather Summary in Thailand April 2015

Under the influence of a heat low pressure cell which covered upper Thailand, hot to very hot weather occurred in several areas especially during April 19-21, when very hot weather persisted in upper Thailand and in some areas of upper southern part. The daily maximum temperature in some areas was its highest record for April. Moreover, the high pressure area from China occasionally extended its ridge to cover upper Thailand and the southeasterly wind prevailed over the lower northeastern, central and eastern parts almost the whole month. The westerly trough moved through the northern and northeastern parts during late month. These brought rain and thunderstorms to the country mainly in the last week of the month. However, monthly rainfall was below normal in northeastern part 28.1 mm (33%), central part 7.9 mm (10), eastern part 30.3 mm (31%) and southern part (west coast) 30.0 mm (19%) while it was above normal in northern part 3.2 mm (4%), and southern part (east coast) 7.2 mm (10%) respectively.

**1 – 10 April:** The heat low pressure cell covered upper Thailand and the southeasterly wind prevailed over the lower northeastern, central and eastern parts during the first half of the period. During the second half of the period, the high pressure area from China extended its ridge to cover upper Thailand. The weather was hot across almost all areas of upper Thailand with very hot in several areas mainly during the middle of period. The highest temperature of 41.7 °C was measured at Amphoe Muang in Tak province on April 7. For rainfall, upper Thailand experienced isolated rain except for widely scattered to scattered rain with heavy to very heavy rainfall in some areas during late period. The maximum daily rainfall of 97.3 mm was recorded at Nakhon Chaisi in Nakhon Pathom province on April 8. Thunderstorms with gusty wind occurred at Chiang Rai, Chiang Mai, Nan, Tak, Ubon Ratchathani, Chaiyaphum, Amnat Charoen, Yasothorn, Kalasin, Buriram, Mahasarakham, Udon Thani, Nakhon Ratchasima and Chai Nat provinces. In Southern part, isolated rain with heavy rainfall occurred in some areas mainly along the west coast. The maximum daily rainfall of 66.3 mm was recorded at Amphoe Muang in Satun province on April 9.

**11 – 20 April:** The rather active high area from China extended its ridge to cover upper Thailand caused decreasing in temperature over upper Thailand but hot to very hot weather persisted in some areas mainly in northern during the first half of the period. After that the heat low pressure cell covered upper Thailand led to very hot weather almost the whole areas particularly in northeastern during late period. The highest temperature was 43.1 °C at Amphoe Si Samrong in Sukhothai province on April 20. For rainfall, Upper Thailand experienced scattered to fairly widespread rain with heavy to very heavy rainfall in some areas during early period then isolated rain in a few days. The maximum daily rainfall in upper Thailand was 93.4 mm at Amphoe Thoen in Lampang province on April 11. Thunderstorms with gusty wind occurred at Mae Hon Son, Lampang and Nakhon Ratchasima provinces. In Southern part, scattered to fairly widespread rain with heavy to very heavy rainfall occurred in some areas during the first half of the period then isolated rain mainly along the west coast. The maximum daily rainfall of 104.4 mm was recorded at Amphoe Muang in Narathiwat province on April 14.

**21 – 30 April:** The rather active high pressure area from China extended its ridge to cover upper Thailand during the first half of the period then weakened and the southeasterly wind prevailed over the lower northeastern, central and eastern parts. Furthermore, the westerly trough moved through the northern and northeastern parts on 28-29 Apr. Hot weather continued in upper Thailand especially during early period. The highest temperature was of 41.7 °C at Amphoe Muang in Kanchanaburi province on April 22. For rainfall, Thailand experienced widely scattered to scattered rain almost the whole period with heavy to very heavy rainfall in some areas. The maximum daily rainfall of 175.0 mm was recorded in upper Thailand at Phu Kradung National Parks in Loei province on April 24 and was 56.9 mm in southern part at Amphoe Takua Pa in Pang-Nga province on April 30. Thunderstorms with gusty wind occurred at Chiang Rai, Kamphaeng Phet, Sukhothai, Phetchabun, Phayao, Phichit, Uttaradit, Phrae, Khon Kaen, Surin, Amnat Charoen, Udon Thani, Mukdahan, Nakhon Phanom, Mahasarakham, Nong Khai, Sisaket, Kalasin, Nong Bua Lampoo, Nakhon Ratchasima, Ratcha Buri, Sing Buri, Ang Thong, Prachin Buri, Chon Buri, Trat, Phang-Nga and Krabi provinces.

Breaking record of daily maximum temperature over Thailand in April 2015.

Station	New Record 2015		Previous Record		Start Year
	Temp ( °C)	Date	Temp ( °C)	Date / Year	
Sukhothai	43.1	20	42.6	21 / 2010	2000
Pichit Agromet	41.7	21	40.7	10 / 2010	1993
Nakhon Phanom	42.1	20	42.0	20 / 1973, 14 / 1983	1953
Nakhon Phanom Agromet	42.1	20	41.9	14 / 1983	1983
Roi Et	42.2	21	41.5	24,25 / 1958	1955
Buriram	42.5	21	41.7	6,12 / 2010	2003
Sa Kaew	40.8	21	40.4	11 / 2001	1998
Leam Chabang	38.5	15	38.1	14 / 1998	1994
Nong Phlup Agromet	41.8	21	41.2	15 / 1998	1974
Ko Samui	36.6	21	36.5	19 / 1990	1969
Sa Dao	37.7	5	37.2	22 / 2010	1999

---

**Note** : Rainfall, temperatures and natural disasters in this report were updated up to May 14, 2015.

Climatological Center  
 Meteorological Development Bureau

Monthly Current Report  
Rainfall and Accumulative Rainfall  
April 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	26.4	-0.7	191.8	93.9	272.7	125.3
Mae Hong Son	30.9	0.8	43.8	-19.4	64.6	-27.8
Phayao	27.6	-1.1	69.7	-19.5	190.1	55.8
Chiang Mai	29.7	0.4	53.8	-3.5	160.2	72.0
Tha Wang Pha	27.4	-0.9	168.1	65.6	267.3	115.3
Nan	28.3	-0.7	162.3	62.7	263.8	115.2
Lamphun	29.6	-0.5	98.1	53.6	208.5	143.2
Lampang	29.9	-0.1	22.9	-43.0	131.4	31.1
Mae Sariang	29.5	0.2	26.9	-17.8	89.5	22.6
Phrae	29.6	-0.4	74.8	-7.3	163.1	38.8
Uttaradit	30.6	-0.2	31.1	-39.9	93.2	-21.2
Bhumibol Dam	30.6	-0.3	26.0	-40.1	158.9	62.2
Tak	31.0	-0.5	65.0	7.4	144.2	63.7
Mae Sot	29.2	0.1	36.8	-8.0	128.3	58.1
Umphang	25.9	-0.2	71.3	-30.0	206.5	41.4
Phitsanulok	30.4	-0.4	37.3	-18.4	129.8	30.0
Lom Sak	29.5	0.3	35.7	-27.5	80.7	-48.2
Phetchabun	29.9	0.1	74.0	-2.0	129.3	-16.3
Wichian Buri	30.2	-0.2	129.1	39.2	256.2	95.4
Kamphaeng Phet	30.8	0.4	71.8	19.0	122.2	17.3
Over the area	29.4	-0.1	74.5	3.2 4%	163.0	48.6 42%

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	29.6	0.1	53.1	-30.3	155.8	7.0
Loei	28.2	-0.2	123.0	20.3	215.3	51.0
Udon Thani	29.7	-0.1	119.6	45.5	208.8	56.7
Nakhon Phanom	30.0	1.0	11.1	-90.0	43.8	-151.4
Sakon Nakhon	29.2	0.1	26.3	-67.0	199.0	14.2
Mukdahan	30.3	0.7	54.9	-21.5	90.6	-45.7
Khon Kaen	29.9	0.0	42.0	-47.6	123.6	-33.5
Kosum Phisai	30.7	0.6	22.4	-66.6	69.2	-90.1
Roi Et	30.4	0.6	54.9	-21.0	140.2	0.3
Chaiyaphum	30.4	0.4	42.2	-50.4	68.6	-94.1
Ubon Ratchathani	30.5	0.5	28.9	-57.9	76.0	-58.7
Tha Tum	30.2	-0.2	30.6	-56.1	108.9	-43.2
Surin	30.1	0.3	122.8	29.5	178.9	22.9
Nakhon Ratchasima	30.2	0.2	26.6	-45.6	91.8	-41.8
Chok Chai	29.5	-0.1	70.1	-11.2	154.0	16.4
Nang Rong	29.3	-0.2	102.5	20.9	161.7	7.9
Over the area	29.9	0.2	58.2	-28.1 -33%	130.4	-23.9 -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.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
April 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	31.3	-0.1	30.3	-33.4	102.3	-10.7
Bua Chum	30.2	-0.1	33.1	-48.3	165.7	22.7
Lop Buri	30.4	0.0	126.9	45.4	212.7	86.5
Suphan Buri	30.5	0.1	100.7	51.6	171.6	93.0
Thong Pha Phum	29.8	0.0	57.3	-44.5	151.0	-19.0
Kanchanaburi	31.1	0.1	52.0	-26.5	160.7	31.7
Bangkok Airport	30.1	-0.3	43.7	-44.8	179.6	30.3
Bangkok Metropolis	30.2	-0.3	128.9	37.5	333.1	166.3
Over the area	30.5	0.0	71.6	-7.9 -10%	184.6	50.1 37%

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	30.4	0.3	40.8	-77.2	221.8	30.4
Kabin Buri	29.5	-0.3	84.4	-14.4	151.9	-32.3
Aranyaprathet	30.6	0.5	19.3	-66.4	88.2	-82.9
Chon Buri	30.4	0.2	75.0	0.9	169.6	23.8
Ko Sichang	29.7	-0.1	39.6	-37.7	97.0	-56.5
Pattaya	29.1	-0.2	74.6	10.6	152.0	4.8
Sattahip	29.1	-0.7	70.3	-8.6	130.8	-51.9
Rayong	29.3	-0.7	25.4	-56.2	94.5	-114.6
Chanthaburi	29.1	0.4	77.1	-48.1	154.8	-97.4
Khlong Yai	28.6	0.1	179.5	-5.9	243.4	-180.5
Over the area	29.6	0.0	68.6	-30.3 -31%	150.4	-55.8 -27%

- 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  
April 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	29.7	0.0	38.3	1.4	104.0	18.7
Hua Hin	29.6	0.0	34.1	-12.3	73.7	-53.7
Prachuap Khiri Khan	28.6	-0.6	129.4	73.9	212.8	39.3
Chumphon	28.5	-0.2	127.0	41.2	263.3	-23.8
Surat Thani	28.7	0.4	20.1	-53.3	49.1	-97.4
Ko Samui	29.0	-0.1	81.5	-1.6	166.6	-137.9
Nakhon Si Thammarat	28.5	0.1	112.6	5.6	200.6	-209.7
Songkhla	29.1	0.2	108.7	33.6	174.4	-83.8
Hat Yai Airport	28.3	0.3	76.6	-42.0	83.2	-188.7
Pattani Airport	28.8	0.6	50.9	-23.7	61.9	-145.0
Narathiwat	28.6	0.3	129.4	56.6	240.1	-105.4
Over the area	28.9	0.1	82.6	7.2 10%	148.2	-89.8 -38%

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	28.9	0.1	89.2	-63.4	93.1	-150.7
Takua Pa	28.3	0.1	225.5	15.5	326.5	-78.6
Phuket	30.1	0.7	64.8	-78.1	74.6	-196.0
Phuket Airport	29.2	0.6	158.5	4.5	211.1	-106.6
Ko Lanta	29.4	0.4	24.0	-95.0	122.8	-91.6
Trang Airport	29.0	0.7	91.6	-48.1	128.5	-147.9
Satun	28.5	0.1	260.3	54.3	338.3	-56.7
Over the area	29.1	0.4	130.6	-30.0 -19%	185.0	-118.3 -39%

- 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.





