

Monthly Weather Summary in Thailand April 2014

Under the influence of a heat low pressure cell which covered upper Thailand associated with the easterly and southeasterly winds, Thailand experienced hot weather almost the month with very hot in several areas mainly in northern part. Mean temperatures in all regions were well above normal. Moreover, the high pressure area from China occasionally extended its ridge to cover upper Thailand with the low pressure cell periodically covered the Strait of Malacca, bringing isolated rain and thunderstorms to most parts of Thailand. However, monthly rainfall was below normal in northern part 9.6 mm (13%), eastern part 47.0 mm (48%) and southern part (east coast) 39.6 mm (53%) while it was above normal in northeastern part 7.5 mm (9%), central part 13.7 mm (17%) and southern part (west coast) 76.5 mm (48%) respectively.

1 – 10 April: The heat low pressure cell covered upper Thailand during the beginning and the end of the period. During the middle of period, the rather active high pressure area from China extended its ridge to cover the northeastern part and the westerly trough moved through the northern and northeastern parts. The weather was hot across large parts of upper Thailand during the beginning and the end of the period with very hot in several areas mainly during early period. The highest temperature of 41.6 °C was measured at Bhumibol Dam in Tak province on April 1. For rainfall, upper Thailand experienced isolated rain with heavy rainfall in some areas, except for scattered to fairly widespread rain with heavy rainfall in some areas on April 3-5. The maximum daily rainfall of 73.5 mm was recorded at Amphoe Lam Plai Mat in Buri Ram province on April 3. Thunderstorms with gusty wind occurred at Chiang Rai, Nan, Phicit, Kamphaeng Phet, Buri Ram, Nakhon Ratchasima, Surin, and Chanthaburi provinces. In Southern part, isolated to widely scattered rain was observed along the east coast while widespread rain with isolated heavy to very heavy rainfall occurred along the west coast during the first half of the period caused by the low pressure cell over the Strait of Malacca. After that isolated to widely scattered rain with isolated heavy rainfall. The maximum daily rainfall of 93.0 mm was recorded at Ko Lanta in Krabi province on April 2.

11 – 20 April: The heat low pressure cell covered upper Thailand associated with the easterly and southeasterly winds prevailed over Thailand almost the whole period. The weather was hot in upper Thailand except for the coastal area of eastern part. The highest temperature was 41.6 °C at Amphoe Muang in Mae Hong son province on April 18. For rainfall, Thailand experienced isolated to widely scattered rain almost the whole period with heavy to very heavy rainfall except for fairly widespread rain with isolated heavy to very heavy rainfall along the west coast on April 16-18 caused by the low pressure cell over the Strait of Malacca. The maximum daily rainfall in upper Thailand was 144.6 mm at Amphoe Kong Krailat in Sukhothai province on April 14 while that of 95.3 mm was found as the highest in southern part at Jan Di Rubber Research Station in Nakhon Si Thammarat province on April 16. Thunderstorms and gusty winds occurred at Chiang Mai, Phicit, Lop Buri, Uthai Thani provinces and Bangkok.

21 – 30 April: The heat low pressure cell persisted in upper Thailand associated with the easterly and southeasterly winds prevailed over Thailand almost the whole period. Furthermore, the rather active high pressure area extended its ridge to cover northeastern part of Thailand during late period. Hot weather continued in upper Thailand with to very hot mainly in northern part except for that in northeastern part was decreasing in temperature during late period. The highest temperature was of 41.8 °C at Amphoe Muang in Mae Hon Son province on April 24. For rainfall, northern and northeastern parts experienced isolated rain with heavy rainfall in some areas during the first half of the period then scattered to fairly widespread rain with isolated heavy to very heavy rainfall. Central, eastern and southern (east coast) parts received isolated to widely scattered rain with heavy rainfall in some areas while scattered to fairly widespread rain was present across southern part (west coast) almost the whole period with heavy rainfall in some areas. The maximum daily rainfall of 110.0 mm was recorded in upper Thailand at Amphoe Nam Som in Udon Thani province on April 28 and was 70.0 mm in southern part at Amphoe Bang khan in Nakhon Si Thammarat on April 21. Thunderstorms with gusty wind occurred at Chiang Rai, Lampang, Uttaradit, Kamphaeng Phet, Loei, Maharakam, Nong Khai, Sisaket, Udon Thani, Nong Bua Lampoo, Nakhon Ratchasima, Sa Kaeo, Kalasin, Lop Buri, Nonthaburi provinces and Bangkok.

Note : Rainfall, temperatures and natural disasters in this report were updated up to May 14, 2014.

Monthly Current Report
Rainfall and Accumulative Rainfall
April 2014

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	27.3	0.2	131.7	33.8	159.2	11.8
Mae Hong Son	30.7	0.6	14.3	-48.9	14.3	-78.1
Phayao	28.6	-0.1	39.0	-50.2	59.5	-74.8
Chiang Mai	29.6	0.3	34.9	-22.4	40.8	-47.4
Tha Wang Pha	28.7	0.4	72.7	-29.8	98.9	-53.1
Nan	29.6	0.6	72.4	-27.2	98.2	-50.4
Lamphun	29.7	-0.4	23.3	-21.2	50.4	-14.9
Lampang	30.1	0.1	119.0	53.1	119.0	18.7
Mae Sariang	30.3	1.0	48.1	3.4	48.1	-18.8
Phrae	30.0	0.0	95.5	13.4	116.3	-8.0
Uttaradit	30.9	0.1	108.1	37.1	146.0	31.6
Bhumibol Dam	30.7	-0.2	52.0	-14.1	52.0	-44.7
Tak	31.5	0.0	49.6	-8.0	50.1	-30.4
Mae Sot	30.2	1.1	1.0	-43.8	1.2	-69.0
Umphang	26.4	0.3	75.0	-26.3	121.2	-43.9
Phitsanulok	31.1	0.3	62.8	7.1	92.2	-7.6
Lom Sak	29.8	0.6	63.9	0.7	67.4	-61.5
Phetchabun	30.6	0.8	57.1	-18.9	61.4	-84.2
Wichian Buri	30.6	0.2	88.9	-1.0	101.4	-59.4
Kamphaeng Phet	30.9	0.5	23.9	-28.9	29.1	-75.8
Over the area	29.9	0.4	61.7	-9.6 -13%	76.3	-38.1 -33%

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	30.0	0.5	105.6	22.2	121.7	-27.1
Loei	28.7	0.3	62.8	-39.9	75.7	-88.6
Udon Thani	30.2	0.4	70.7	-3.4	71.5	-80.6
Nakhon Phanom	29.4	0.4	85.9	-15.2	111.6	-83.6
Sakon Nakhon	29.3	0.2	101.1	7.8	119.1	-65.7
Mukdahan	29.8	0.2	119.1	42.7	121.7	-14.6
Khon Kaen	29.6	-0.3	155.2	65.6	164.1	7.0
Kosum Phisai	30.2	0.1	135.2	46.2	197.7	38.4
Roi Et	30.0	0.2	72.7	-3.2	116.0	-23.9
Chaiyaphum	30.1	0.1	102.0	9.4	169.4	6.7
Ubon Ratchathani	29.6	-0.4	84.6	-2.2	85.5	-49.2
Tha Tum	30.1	-0.3	60.1	-26.6	87.2	-64.9
Surin	29.8	0.0	48.2	-45.1	48.8	-107.2
Nakhon Ratchasima	30.0	0.0	83.8	11.6	113.5	-20.1
Chok Chai	29.8	0.2	32.0	-49.3	68.7	-68.9
Nang Rong	29.3	-0.2	181.0	99.4	204.4	50.6
Over the area	29.7	0.0	93.8	7.5 9%	117.3	-37.0 -24%

- 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 2014

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	31.1	-0.3	210.2	146.5	234.5	121.5
Bua Chum	30.1	-0.2	76.7	-4.7	97.8	-45.2
Lop Buri	30.7	0.3	80.3	-1.2	96.5	-29.7
Suphan Buri	30.9	0.5	76.0	26.9	76.0	-2.6
Thong Pha Phum	29.6	-0.2	121.2	19.4	209.4	39.4
Kanchanaburi	31.3	0.3	59.1	-19.4	69.1	-59.9
Bangkok Airport	30.8	0.4	114.6	26.1	143.2	-6.1
Bangkok Metropolis	31.3	0.8	7.8	-83.6	49.5	-117.3
Over the area	30.7	0.2	93.2	13.7 17%	122.0	-12.5 -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	30.7	0.6	54.0	-64.0	54.4	-137.0
Kabin Buri	29.7	-0.1	25.7	-73.1	30.5	-153.7
Aranyaprathet	30.2	0.1	77.9	-7.8	195.1	24.0
Chon Buri	30.4	0.2	54.5	-19.6	159.6	13.8
Ko Sichang	30.2	0.4	25.0	-52.3	38.4	-115.1
Pattaya	29.6	0.3	48.1	-15.9	58.5	-88.7
Sattahip	30.0	0.2	41.8	-37.1	111.1	-71.6
Rayong	30.0	0.0	44.7	-36.9	59.4	-149.7
Chanthaburi	29.3	0.6	55.3	-69.9	211.3	-40.9
Khlong Yai	28.9	0.4	92.4	-93.0	284.2	-139.7
Over the area	29.9	0.3	51.9	-47.0 -48%	120.3	-85.9 -42%

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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	30.2	0.5	56.2	19.3	65.4	-19.9
Hua Hin	30.0	0.4	0.0	-46.4	30.1	-97.3
Prachuap Khiri Khan	30.0	0.8	17.6	-37.9	77.7	-95.8
Chumphon	29.0	0.3	8.2	-77.6	35.8	-251.3
Surat Thani	29.1	0.8	58.4	-15.0	87.0	-59.5
Ko Samui	29.4	0.3	13.9	-69.2	30.1	-274.4
Nakhon Si Thammarat	29.0	0.6	0.3	-106.7	269.4	-140.9
Songkhla	29.2	0.3	56.2	-18.9	83.7	-174.5
Hat Yai Airport	28.0	0.0	82.0	-36.6	116.2	-155.7
Pattani Airport	29.0	0.8	12.4	-62.2	42.2	-164.7
Narathiwat	28.9	0.6	89.0	16.2	237.2	-108.3
Over the area	29.3	0.5	35.8	-39.6 -53%	97.7	-140.3 -59%

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	28.5	-0.3	197.4	44.8	220.1	-23.7
Takua Pa	28.4	0.2	222.5	12.5	276.3	-128.8
Phuket	29.5	0.1	219.0	76.1	280.2	9.6
Phuket Airport	29.1	0.5	109.0	-45.0	220.8	-96.9
Ko Lanta	28.8	-0.2	233.8	114.8	249.0	34.6
Trang Airport	28.1	-0.2	338.3	198.6	396.1	119.7
Satun	28.2	-0.2	339.4	133.4	399.1	4.1
Over the area	28.7	0.0	237.1	76.5 48%	291.7	-11.6 -4%

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