

Monthly Weather Summary in Thailand May 2014

In May 2014, hot weather still persisted in Thailand especially in upper Thailand where very hot weather was presented in some areas. Mean temperature for every parts was higher than normal while value for the whole area was 1.0°C above normal. For rainfall, successive rainfall during late month leading to rainy season of Thailand on May 27 and there were also thunderstorms with gusty wind nearly the whole month. However, upper Thailand received light to moderate rainfall almost the month especially in the lower northeastern part that received lowest record of mean monthly rainfall in 30 years. In southern part, due to the influence of the southwesterly wind prevailing over Thailand and the Gulf of Thailand since mid-month, plentiful of rainfall was found almost the whole month. The total rainfall over Thailand in May was 31% below normal. Monthly rainfall was lower than normal in every parts i.e. northern part 31.8 mm (18%), northeastern part 64.6 mm (35%), central part 74.4 mm (43%), eastern part 115.6 mm (52%) and southern part (east coast) 21.7 mm (15%) and southern part (west coast) 93.7 mm (30%)

1 - 10 May : The southeasterly wind bringing moisture from the South China Sea and the Gulf of Thailand to cover Thailand, the high pressure areas from China extending its ridge to cover upper Thailand during the second half of the period with the passage of the easterly wave to the Gulf of Thailand and southern part during mid-period. These conditions produced thundershowers in many areas of Thailand. The highest daily rainfall of 101.5 mm was measured at Wang Chin in Phrae province on May 6. Thunderstorm and gusty wind occurred at Ubon Ratchathani province on May 3 and thunderstorm occurred at Nong Bua Lam Phu province on May 5, at Ayutthaya, Bangkok Metropolis and Rayong provinces on May 6, at Phitsanulok and Uttaradit provinces on May 8 and at Kalasin province on May 9. For southern part, rainfall was mainly observed along the east coast with the maximum daily rainfall of 92.4 mm at Rue So in Narathiwat province on May 10. However, hot weather remained in upper Thailand with very hot in the northern part. The highest temperature was 40.1°C at Mae Sariang in Mae Hong Son province on May 6.

11 - 20 May : Temperature was relatively increased, swelter weather was mainly occurred over upper Thailand with very hot weather in the northern and central parts. The highest maximum temperature was 41.0°C at Amphoe Muang in Sukhothai province on May 17. Due to the influence of the southwesterly wind began to blow over the Andaman Sea and Thailand and the blowing of the southeasterly wind over the northeastern, central and eastern parts during late period, rainfall was partly observed in upper Thailand with thunderstorms in several areas mainly in the northern and northeastern parts. In southern part, abundant rainfall was observed nearly the whole period especially along the west coast. The heaviest daily rainfall in upper Thailand was 109.0 mm at Amphoe Muang in Surin province on May 13 while southern part recorded 115.3 mm at Phuket Airport, Thalang in Phuket province on May 17. Gusty wind occurred at Phra Nakhon Si Ayutthaya province on May 11 and thunderstorm occurred at Samut Prakarn province on May 11, at Nong Khai province on May 12, at Phitsanulok and Uttaradit provinces on May 13, at Nakhon Ratchasima and at Ubon Ratchathani provinces on May 17 and at Chaiyaphum, Trat and Phitsanulok provinces on May 18.

21 - 31 May : During this period, the southwesterly wind prevailed over the Andaman Sea and Thailand and the southeasterly wind blow across the South China Sea and the Gulf of Thailand with the low pressure cell covering upper Vietnam during the second half of the period. Less rainfall was observed in upper Thailand during the first half of period after that rainfall was relatively increased and successive rainfall was pronounced, starting rainy season of Thailand on May 27. The highest daily rainfall was 92.1 mm at Thoen, Lampang province on May 28. Thunderstorm with gusty wind occurred at Pathum Thani province on May 24 and 26, at Lampang, Udon Thani and Mukdahan provinces on May 25 and at Chachoengsao province on May 26. Besides, thunderstorm also reported at Lop Buri and Sa Kaeo provinces on May 25, at Chaiyaphum and Roi Et provinces on May 26. Thunderstorm with hail occurred at Nong Khai province on May 25. With the existence of the tropical depression in the upper Bay of Bengal, plentiful rainfall was observed in southern Thailand, isolated heavy to very heavy rainfall was found mainly during the first half of the period. The highest rainfall amount, 108.4 mm, recorded at Takua Pa, Phang-nga provinces on May 27. However, hot weather persisted mainly during the first half of the period, the highest temperature of 40.5 °C was measured at Amphoe Muang in Tak province on May 24.

Note : Rainfall, temperatures and natural disasters available in this report are preliminary data.

Climatological Center
Meteorological Development Bureau
Thai Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
May 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	27.9	0.8	131.2	-82.2	290.4	-70.4
Mae Hong Son	30.1	1.2	152.4	-22.1	166.7	-100.2
Phayao	28.4	0.6	113.9	-65.8	173.4	-140.6
Chiang Mai	29.1	0.9	236.1	74.1	276.9	26.7
Tha Wang Pha	28.8	0.7	112.5	-70.5	211.4	-123.6
Nan	29.3	0.7	211.1	33.8	309.3	-16.6
Lamphun	29.1	0.4	149.1	-5.7	199.5	-20.6
Lampang	29.2	0.4	238.3	77.9	357.3	96.6
Mae Sariang	29.6	1.2	96.9	-65.4	145.0	-84.2
Phrae	29.5	0.5	166.7	-11.4	283.0	-19.4
Uttaradit	30.7	0.9	253.6	23.6	399.6	55.2
Bhumibol Dam	30.9	1.7	114.8	-82.8	166.8	-127.5
Tak	31.3	1.7	71.2	-103.7	121.3	-134.1
Mae Sot	29.7	1.8	56.3	-117.9	57.5	-186.9
Umphang	26.7	1.1	153.9	-41.1	275.1	-85.0
Phitsanulok	30.8	0.9	163.6	-7.3	255.8	-14.9
Lom Sak	29.5	0.9	53.7	-97.1	121.1	-158.6
Phetchabun	29.9	1.1	121.8	-41.0	183.2	-125.2
Wichian Buri	30.3	0.9	169.1	11.0	270.5	-48.4
Kamphaeng Phet	30.6	1.4	154.7	-40.8	183.8	-116.6
Over the area	29.6	1.0	146.0	-31.8 -18%	222.4	-69.8 -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	30.1	1.5	52.3	-172.6	174.0	-199.7
Loei	28.3	0.6	177.8	-21.5	253.5	-110.1
Udon Thani	30.0	1.1	171.7	-26.8	243.2	-107.4
Nakhon Phanom	29.9	1.5	138.1	-119.0	249.7	-202.6
Sakon Nakhon	29.6	1.2	137.9	-89.7	257.0	-155.4
Mukdahan	30.2	1.4	143.5	-56.0	265.2	-70.6
Khon Kaen	29.8	0.9	74.4	-94.3	238.5	-87.3
Kosum Phisai	30.5	1.2	118.3	-43.2	316.0	-4.8
Roi Et	30.4	1.4	127.1	-59.0	243.1	-82.9
Chaiyaphum	30.3	1.4	51.2	-89.0	220.6	-82.3
Ubon Ratchathani	30.5	1.5	102.6	-106.0	188.1	-155.2
Tha Tum	30.8	1.3	67.5	-104.8	154.7	-169.7
Surin	30.2	1.4	171.3	-8.5	220.1	-115.7
Nakhon Ratchasima	30.0	0.9	196.5	42.4	310.0	22.3
Chok Chai	30.1	1.3	54.4	-94.6	123.1	-163.5
Nang Rong	29.4	0.6	174.8	8.2	379.2	58.8
Over the area	30.0	1.2	122.5	-64.6 -35%	239.8	-101.6 -30%

- 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
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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	30.7	0.7	91.2	-59.5	325.7	62.0
Bua Chum	30.4	1.1	53.8	-82.4	151.6	-127.6
Lop Buri	31.0	1.4	65.3	-81.8	161.8	-111.5
Suphan Buri	31.3	1.5	38.0	-76.3	114.0	-78.9
Thong Pha Phum	29.5	1.4	148.9	-78.6	358.3	-39.2
Kanchanaburi	31.5	1.8	95.5	-49.8	164.6	-109.7
Bangkok Airport	31.0	1.2	189.1	-18.5	332.3	-24.6
Bangkok Metropolis	31.5	1.6	99.9	-147.8	149.4	-265.1
Over the area	30.9	1.4	97.7	-74.4 -43%	219.7	-86.9 -28%

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	31.1	1.8	142.7	-88.3	197.1	-225.3
Kabin Buri	30.2	1.3	85.1	-107.2	115.6	-260.9
Aranyaprathet	30.3	1.1	91.9	-76.4	287.0	-52.4
Chon Buri	31.2	1.4	56.6	-118.7	216.2	-104.9
Ko Sichang	31.0	1.4	106.0	-28.4	144.4	-143.5
Pattaya	30.1	0.9	62.1	-86.2	120.6	-174.9
Sattahip	30.5	0.9	62.9	-109.0	174.0	-180.6
Rayong	30.5	0.8	22.0	-176.6	81.4	-326.3
Chanthaburi	29.4	1.1	170.6	-221.9	381.9	-262.8
Khlong Ya	29.2	1.0	282.9	-143.8	567.1	-283.5
Over the area	30.4	1.2	108.3	-115.6 -52%	228.5	-201.6 -47%

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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	30.7	1.3	24.0	-75.5	89.4	-95.4
Hua Hin	30.5	1.2	13.8	-95.1	43.9	-192.4
Prachuap Khiri Khan	30.2	1.3	61.3	-65.6	139.0	-161.4
Chumphon	29.0	1.0	109.7	-81.1	145.5	-332.4
Surat Thani	28.2	0.5	236.5	58.5	323.5	-1.0
Ko Samui	29.9	1.0	126.9	-29.0	157.0	-303.4
Nakhon Si Thammarat	28.8	0.6	202.2	28.4	471.6	-112.5
Songkhla	29.5	0.7	163.0	43.4	246.7	-131.1
Hat Yai Airport	28.1	0.3	89.2	-58.5	205.4	-214.2
Pattani Airport	28.9	0.7	143.4	5.9	185.6	-158.8
Narathiwat	28.9	0.7	172.3	30.2	409.5	-78.1
Over the area	29.3	0.8	122.0	-21.7 -15%	219.7	-162.0 -42%

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	28.7	1.0	225.3	-271.3	445.4	-295.0
Takua Pa	28.0	0.1	389.1	-48.4	665.4	-177.2
Phuket	29.5	0.7	151.8	-107.7	432.0	-98.1
Phuket Airport	28.8	0.4	294.3	12.8	515.1	-84.1
Ko Lanta	29.0	0.3	172.5	-72.3	421.5	-37.7
Trang Airport	28.1	0.4	103.7	-113.8	499.8	5.9
Satun	28.3	0.2	178.3	-55.0	577.4	-50.9
Over the area	28.6	0.4	216.4	-93.7 -30%	508.1	-105.3 -17%

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