

Monthly Weather Summary in Thailand April 2011

Under the influence of the southerly and southeasterly winds, the weather of Thailand was hot in several areas in upper Thailand, especially during the middle of the month. Mean while, the high pressure area from China occasionally extended its ridge to cover upper Thailand, bringing abundant rainfall and thunderstorms with hails to Thailand. The weather became wet and decreasing in temperature, especially during the late month. Monthly mean temperatures in all regions were well below normal, Thailand received above normal rainfall i.e. northern part 51.7 mm (76%), central part 38.3 mm (51%) and eastern part 40.0 mm (42%) while it were below normal in northeastern part 7.1 mm (8%) southern part (east coast) 9.1 mm (12%) and southern part (west coast) 43.0 mm (27%)

1 – 10 April: Hot weather persisted in upper Thailand except for the lower central and eastern parts. The highest temperature of 38.4 °C was measured at Amphoe Warin Chamrap in Ubon Ratchathani province on April 4. For rainfall, upper Thailand received isolated to widely scattered rain with heavy rainfall in some areas mainly during the second half of the period, especially fairly widespread rain with isolated heavy rainfall in central and eastern parts on April 8-9. The highest daily rainfall was 86.5 mm at Amphoe Muang in Nong Khai province on April 5. Thunderstorms occurred at Loei and Pathum Thani provinces during late period. In southern Thailand, scattered rain with isolated heavy to very heavy rainfall occurred during the first half of the period mainly from Surat Thani province southward. The highest daily rainfall of 130.0 mm was measured at Amphoe Pa Payom in Phatthalung province on April 2

11 – 20 April: Due to the southerly and southeasterly winds, the westerly trough and the covering of the high pressure area over northeastern part during late period, upper Thailand experience generally hot weather with very hot weather in some area. The maximum temperature at Amphoe Satuek in Buriram province was 40.7 °C on April 18, the highest of the month. Moreover, there was isolated to widely scattered rain almost the period with heavy rainfall in some areas. The maximum daily rainfall of 83.5 mm was recorded in upper Thailand at Amphoe Sangkha in Surin province on April 18. Thunderstorms with gusty winds and hails occurred at Chiang Mai, Nan, Nakhon Phanom, Roi Et and Nong Bua Lumphu and Mukdahan provinces on April 16-18. Southern Thailand obtained the heaviest daily rainfall of 62.3 mm at Amphoe Na Mon in Songkhla province on April 18.

21 – 30 April: The high pressure area dominated upper Thailand almost the period. In addition, the southerly and southeasterly winds prevailed over Thailand. It produced rainfall in upper Thailand but hot weather also appeared in several areas mainly in Northeastern and Central parts. Upper Thailand obtained the highest temperature was 38.7 °C at Amphoe Chai Badan in Lop Buri province on April 21. For rainfall, upper Thailand experienced scattered to fairly widespread rain almost the period with isolated heavy to very heavy rainfall. The maximum daily rainfall of 120.4 mm was recorded at Amphoe Khlong Khlung in Khamphaeng Phet province on April 24. Thunderstorms with gusty wind at Tak, Phitsanulok, Uttaradit, Phicit, Nong Khai, Chaiyaphum, Sisaket, Sakon Nakhon, Nakhon Ratchasima, Lop Buri, Sing Buri, Nonthaburi, Samut Prakan provinces and Bangkok on April 22-23. In Southern part, isolated to widely scattered rain with heavy rainfall during early and middle of the period after that fairly widespread rain with heavy to very heavy rainfall in some areas. The highest daily rainfall of 97.2 mm was measured at Amphoe Nong Chik in Pattani province on April 29.

Note : Rainfall, temperatures and natural disasters in this report were updated up to May 20, 2011.

Climatological Center
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
April 2011

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	25.7	-1.2	84.8	-9.8	202.3	63.4
Mae Hong Son	28.3	-1.4	89.9	30.8	175.8	87.6
Phayao	26.2	-2.8	171.3	77.4	243.5	110.7
Chiang Mai	27.3	-1.5	92.6	38.1	156.4	67.7
Tha Wang Pha	26.9	-1.3	125.7	21.7	212.1	51.3
Nan	27.3	-1.4	159.5	63.4	251.1	103.0
Lamphun	27.1	-2.9	156.7	113.9	238.4	174.2
Lampang	27.8	-1.7	101.1	36.0	199.7	100.9
Mae Sariang	27.5	-2.0	68.0	21.3	238.0	166.0
Phrae	27.6	-2.2	247.8	170.5	342.7	224.8
Uttaradit	28.9	-1.8	230.1	151.4	392.8	266.4
Bhumibol Dam	27.8	-3.5	71.7	12.2	317.6	228.2
Tak	28.4	-3.0	122.4	80.4	248.5	180.5
Mae Sot	28.1	-0.9	45.0	6.1	203.5	145.6
Umphang	25.1	-0.9	185.1	94.3	326.6	182.1
Phitsanulok	29.2	-1.5	92.4	37.9	226.4	123.4
Lom Sak	28.3	-0.7	48.0	-15.4	160.7	26.5
Phetchabun	28.8	-1.0	146.7	78.8	262.9	132.0
Wichian Buri	29.4	-1.1	115.1	24.9	201.4	52.5
Kamphaeng Phet	28.8	-1.7	47.0	0.9	175.3	83.5
Over the area	27.7	-1.8	120.0	51.7 76%	238.8	128.6 117%

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	29.0	-0.2	43.9	-37.8	107.1	-26.3
Loei	27.3	-1.0	40.2	-53.3	143.2	-14.9
Udon Thani	28.7	-0.9	100.5	17.5	167.8	11.1
Nakhon Phanom	28.2	-0.5	53.0	-50.6	76.2	-107.6
Sakon Nakhon	28.0	-1.0	66.0	-31.6	102.3	-71.0
Mukdahan	28.3	-1.2	43.4	-53.2	62.1	-87.4
Khon Kaen	28.6	-1.4	51.6	-20.3	68.8	-59.1
Kosum Phisai	28.8	-1.2	37.4	-50.0	110.7	-40.6
Roi Et	28.8	-0.8	84.3	1.3	117.3	-18.0
Chaiyaphum	28.9	-0.9	158.9	67.4	166.7	13.5
Ubon Ratchathani	28.8	-1.0	104.2	18.4	115.8	-12.6
Tha Tum	29.1	-1.3	30.1	-54.6	60.2	-83.4
Surin	29.1	-0.6	99.8	4.8	159.8	22.2
Nakhon Ratchasima	28.8	-0.9	195.5	129.2	215.7	89.3
Chok Chai	28.6	-0.9	28.3	-50.5	60.3	-69.8
Nang Rong	28.4	-1.1	127.4	51.0	145.7	5.5
Over the area	28.6	-0.9	79.0	-7.1 -8%	117.5	-28.1 -19%

- NOTES :
- 1) Mean temperature is the average of daily dry-bulb temperatur
 - 2) "T" is trace, rainfall amount less than 0.1 mm.
 - 3) "blank" is incomplete data.
 - 4) Temperature and rainfall are preliminary data

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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	29.4	-2.1	146.6	88.3	280.5	170.9
Bua Chum	29.3	-1.0	68.6	-21.6	78.0	-65.6
Lop Buri	29.2	-1.2	134.8	60.5	182.3	66.2
Suphan Buri	29.3	-1.0	33.0	-26.1	119.7	28.5
Thong Pha Phum	28.4	-1.2	91.9	-7.4	331.6	168.5
Kanchanaburi	29.3	-1.8	94.5	19.5	373.2	254.1
Bangkok Airport	28.9	-0.9	199.2	132.4	381.4	267.2
Bangkok Metropolis	29.2	-0.9	134.7	60.8	330.1	196.2
Over the area	29.1	-1.3	112.9	38.3 51%	259.6	135.8 110%

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	29.2	-0.9	165.1	36.9	345.4	142.3
Kabin Buri	28.2	-1.5	58.9	-29.3	162.9	-2.6
Aranyaprathet	29.3	-0.5	152.6	69.8	187.5	21.9
Chon Buri	29.0	-0.9	114.0	35.5	257.1	116.5
Ko Sichang	28.4	-1.3	96.0	21.4	200.7	60.7
Pattaya	27.9	-1.3	101.8	38.2	261.4	126.5
Sattahip	28.2	-1.4	84.2	6.7	325.4	148.4
Rayong	28.2	-1.7	102.7	19.3	318.5	110.1
Chanthaburi	28.0	-0.4	193.9	80.7	327.1	108.4
Khlong Yai	27.5	-1.2	293.4	120.5	612.7	221.1
Over the area	28.4	-1.1	136.3	40.0 42%	299.9	105.3 54%

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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	28.7	-0.8	65.8	30.7	225.9	159.7
Hua Hin	28.6	-0.8	0.5	-37.6	105.7	11.5
Prachuap Khiri Khan	28.4	-0.4	42.0	-6.0	187.5	36.3
Chumphon	28.1	-0.4	49.1	-31.0	536.0	253.7
Surat Thani	27.9	-0.5	53.1	-24.3	1028.1	854.1
Ko Samui	28.1	-1.0	41.8	-33.2	1587.2	1259.8
Nakhon Si Thammarat	27.7	-0.5	87.9	-18.6	2235.8	1862.8
Songkhla	28.1	-1.0	69.1	-8.5	857.0	643.9
Hat Yai Airport	27.5	-0.4	141.8	28.2	568.9	332.6
Pattani Airport	27.9	-0.1	110.4	38.2	472.5	281.7
Narathiwat	27.6	-0.7	41.4	-37.5	1198.0	893.8
Over the area	28.1	-0.6	63.9	-9.1 -12%	818.4	599.0 273%

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	28.1	-0.3	75.0	-79.6	554.4	321.2
Takua Pa	27.5	-0.6	214.3	11.7	920.2	550.4
Phuket	29.3	0.0	103.6	-31.8	560.3	313.7
Phuket Airport	28.3	-0.1	131.8	-33.2	786.8	479.3
Ko Lanta	28.3	-0.8	60.8	-58.8	302.6	102.3
Trang Airport	28.0	-0.2	122.5	-10.6	697.0	439.4
Satun	28.4	0.1	118.0	-99.0	560.5	193.3
Over the area	28.3	-0.2	118.0	-43.0 -27%	626.0	342.9 121%

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