

## Monthly Weather Summary in Thailand

April 2009

During the first half of the month, the southerly and southeasterly winds prevailed over Thailand almost of period after that it varied to be the westerly and southwesterly winds. In addition, the heat low pressure cell covered the upper Thailand during April 21-25 causing hot weather in many areas over upper Thailand, especially very hot weather in several areas during April 21-25. The high pressure area from China that occasionally extended its ridge to cover upper Thailand, where warmer air existed, and the low pressure cell that covered the middle southern part of Thailand during April 28-30 and covered the central and eastern parts during April 28-30 produced abundant rainfall and decreasing in temperature over Thailand during mentioned period. Monthly mean temperature were below normal in every part. All regions received above normal rainfall i.e. northern part 2.3 mm (3%), northeastern part 21.3 mm (25%), central part 53.7 mm (72%), eastern part 107.6 mm (112%) southern part (east coast) 68.4 mm (94%) and southern part (west coast) 89.8 mm (56%)

**1 – 10 April:** The weather was hot in many areas of upper Thailand, especially in the northern part. The highest temperature of 39.7 °C was measured at Amphoe Muang in Tak province on April 5. For rainfall, upper Thailand received isolated to widely scattered thundershower in almost areas with isolated heavy to very heavy rainfall, except for scattered to fairly widespread thundershower with isolated heavy rainfall in lower central and eastern parts. The highest daily rainfall was 120.0 mm at Amphoe Senangkhanikhom in Amnat Charoen province on April 10. Thunderstorms with gusty winds in several areas, especially hails were reported at Chiang Mai and Chiang Rai province. For southern Thailand, scattered to fairly widespread rain with isolated heavy to very heavy rainfall. The highest daily rainfall of 141.9 mm was measured at Nakhon Si Thammarat Rajabhat University in Nakhon Si Thammarat province on April 9.

**11 – 20 April:** During the first half of period, hot weather was reported in most of areas in upper Thailand. After that increasing in temperature was found in general, especially in northern part that experienced very hot weather in some areas. The maximum temperature was 40.3 °C at Amphoe Muang in Lamphun province on April 19. However, scattered to fairly widespread thundershower with isolated heavy to very heavy rainfall was found during the first half of period in northern and northeastern parts, then decreasing in rainfall and isolated thundershower was recorded. Central and eastern parts received, scattered to fairly widespread thundershower with isolated heavy rainfall on the first day of the period and then isolated rain. The maximum daily rainfall was 116.7 mm at Amphoe Muang in Ubon RatchaThani province on April 14. For southern, widely scattered to scattered rain was reported with heavy rainfall in some areas. The maximum daily rainfall was 80.0 mm at Amphoe Pa payom Phatthalung province on April 19.

**21 – 31 April:** Generally hot weather with very hot weather in several areas persisted in upper Thailand during the first half of the period. After that was temperature decreased but hot weather still existed in some area. The highest temperature was 42.3 °C at Amphoe Muang in Lampang province on April 25. For rainfall, Upper Thailand received scattered to fairly widespread thundershower and heavy to very heavy rainfall in some areas during the second half of the period. The maximum daily rainfall was 216.8 mm at Sirikit Center in Bangkok province on April 27. Thunderstorms with gusty winds at Phrae, Phitsanulok, Phayao, Kalasin, Chaiyaphum, Buri Ram, Surin, Kanchanaburi, Bangkok, Chon Buri, Chanthaburi, and Rayong province during April 25-26. Flash flood occurred at Lampang province on 26. Southern Thailand, experienced widely scattered to scattered rain with isolated heavy rainfall. The highest daily rainfall of 67.2 mm was measured at Amphoe Takua Pa in Phangnga province on April 24.

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**Note :** Rainfall, temperatures and natural disasters in this report was updated up to May 13, 2009.

Climatological Group  
Meteorological Development Bureau  
Meteorological Department

Monthly Current Report  
Rainfall and Accumulative Rainfall  
April 2009

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	27.1	0.2	52.1	-42.5	84.0	-54.9
Mae Hong Son	29.8	0.1	30.4	-28.7	74.2	-14.0
Phayao	28.2	-0.8	49.1	-44.8	61.4	-71.4
Chiang Mai	29.6	0.8	97.9	43.4	114.6	25.9
Tha Wang Pha	28.1	-0.1	56.0	-48.0	69.0	-91.8
Nan	29.0	0.3	41.1	-55.0	71.5	-76.6
Lamphun	29.8	-0.2	32.2	-10.6	44.0	-20.2
Lampang	29.9	0.4	55.2	-9.9	82.1	-16.7
Mae Sariang	28.5	-1.0	32.2	-14.5	80.6	8.6
Phrae	29.7	-0.1	128.6	51.3	144.7	26.8
Uttaradit	30.3	-0.4	95.6	16.9	100.6	-25.8
Bhumibol Dam	29.8	-1.5	98.9	39.4	136.2	46.8
Tak	30.4	-1.0	73.0	31.0	80.9	12.9
Mae Sot	28.5	-0.5	78.0	39.1	104.8	46.9
Umphang	25.9	-0.1	47.0	-43.8	183.1	38.6
Phitsanulok	30.3	-0.4	23.8	-30.7	50.5	-52.5
Lom Sak	28.8	-0.2	105.2	41.8	233.5	99.3
Phetchabun	29.0	-0.8	98.2	30.3	265.3	134.4
Wichian Buri	29.7	-0.8	151.1	60.9	218.8	69.9
Kamphaeng Phet	30.1	-0.4	66.3	20.2	140.3	48.5
Over the area	29.1	-0.3	70.6	2.3 3%	117.0	6.8 6%

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	29.4	0.2	78.3	-3.4	132.0	-1.4
Loei	27.8	-0.5	188.3	94.8	314.6	156.5
Udon Thani	29.6	0.0	69.0	-14.0	114.7	-42.0
Nakhon Phanom	29.1	0.4	35.7	-67.9	139.1	-44.7
Sakon Nakhon	29.0	0.0	109.3	11.7	198.7	25.4
Mukdahan	29.1	-0.4	89.7	-6.9	145.9	-3.6
Khon Kaen	29.4	-0.6	128.9	57.0	186.2	58.3
Kosum Phisai	30.0	0.0	50.0	-37.4	112.4	-38.9
Roi Et	29.7	0.1	49.3	-33.7	100.4	-34.9
Chaiyaphum	29.5	-0.3	86.6	-4.9	185.5	32.3
Ubon Ratchathani	29.2	-0.6	222.8	137.0	292.1	163.7
Tha Tum	29.8	-0.6	107.3	22.6	179.5	35.9
Surin	29.4	-0.3	127.5	32.5	314.8	177.2
Nakhon Ratchasima	29.5	-0.2	126.9	60.6	259.3	132.9
Chok Chai	29.1	-0.4	183.6	104.8	278.9	148.8
Nang Rong	29.1	-0.4	65.7	-10.7	209.5	69.3
Over the area	29.3	-0.2	107.4	21.3 25%	197.7	52.1 36%

- NOTES :
- 1) Input data are received via ssb radio each day. They have not been certified yet so this current report has to be checked with monthly weather reports later.
  - 2) Mean temperature is the average of daily maximum and daily minimum
  - 3) "T" is trace, rainfall amount less than 0.1 mm.
  - 4) "blank" is incomplete data.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
April 2009

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	-1.0	58.2	-0.1	91.4	-18.2
Bua Chum	29.8	-0.5	62.4	-27.8	135.4	-8.2
Lop Buri	29.9	-0.5	112.0	37.7	188.1	72.0
Suphan Buri	30.9	0.6	12.5	-46.6	18.2	-73.0
Thong Pha Phum	28.7	-0.9	160.4	61.1	319.5	156.4
Kanchanaburi	30.8	-0.3	62.2	-12.8	169.9	50.8
Bangkok Airport	29.9	0.1	199.1	132.3	303.1	188.9
Bangkok Metropolis	30.3	0.2	359.6	285.7	389.8	255.9
Over the area	30.1	-0.3	128.3	53.7 72%	201.9	78.1 63%

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	30.0	-0.1	127.3	-0.9	181.4	-21.7
Kabin Buri	29.1	-0.6	300.0	211.8	369.3	203.8
Aranyaprathet	29.8	0.0	231.8	149.0	326.2	160.6
Chon Buri	30.3	0.4	80.3	1.8	197.3	56.7
Ko Sichang	29.8	0.1	167.0	92.4	177.9	37.9
Pattaya	29.1	-0.1	157.0	93.4	302.6	167.7
Sattahip	29.7	0.1	297.9	220.4	319.9	142.9
Rayong	29.4	-0.5	124.5	41.1	203.3	-5.1
Chanthaburi	28.8	0.4	186.2	73.0	430.0	211.3
Khlong Yai	28.4	-0.3	367.1	194.2	676.8	285.2
Over the area	29.4	-0.1	203.9	107.6 112%	318.5	123.9 64%

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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	30.0	0.5	80.8	45.7	143.3	77.1
Hua Hin	29.9	0.5	28.9	-9.2	51.5	-42.7
Prachuap Khiri Khar	29.3	0.5	112.8	64.8	142.9	-8.3
Chumphon	28.5	0.0	187.2	107.1	247.0	-35.3
Surat Thani	27.9	-0.5	146.3	68.9	348.3	174.3
Ko Samui	28.8	-0.3	207.0	132.0	365.0	37.6
Nakhon Si Thammarat	27.9	-0.3	319.2	212.7	654.5	281.5
Songkhla	28.6	-0.5	165.9	88.3	620.4	407.3
Hat Yai Airport	27.5	-0.4	102.1	-11.5	400.0	163.7
Pattani Airport	28.2	0.2	106.0	33.8	357.4	166.6
Narathiwat	28.2	-0.1	99.4	20.5	891.9	587.7
Over the area	28.6	-0.1	141.4	68.4 94%	383.8	164.4 75%

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	27.8	-0.6	305.4	150.8	457.2	224.0
Takua Pa	27.7	-0.4	382.2	179.6	605.1	235.3
Phuket	28.8	-0.5	319.8	184.4	539.4	292.8
Phuket Airport	28.4	0.0	254.2	89.2	634.3	326.8
Ko Lanta	28.6	-0.5	117.1	-2.5	300.8	100.5
Trang Airport	27.9	-0.3	148.9	15.8	405.9	148.3
Satun	28.1	-0.2	228.0	11.0	552.9	185.7
Over the area	28.2	-0.3	250.8	89.8 56%	499.4	216.3 76%

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