

Monthly Weather Summary in Thailand

April 2008

April 2008, the weather was not as hot as it used to be because rain produced by the high pressure area from China that occasionally extended its ridge to cover upper Thailand, where warmer air existed, and the confluence of southerly and southeasterly wind prevailing over upper Thailand seduced temperature in widespread area. Furthermore, during the end of April, the rather active low pressure cell over the central Andaman Sea moved to the Gulf of Martaban in Myanmar on 29 April causing abundant rainfall and decreasing in temperature over Thailand during the mentioned period. Monthly mean temperature were below normal in every part. Monthly rainfall was above normal in almost areas i.e. northern part 56.8 mm (83%), northeastern part 74.7 mm (87%), central part 61.9 mm (83%), eastern part 37.1 mm (39%) and southern part (east coast) 31.4 mm (43%) while it was inversely below normal in southern part (west coast) 5.3 mm (3%)

1 – 10 April: Thailand received widely scattered to scattered rain with isolated heavy to very heavy rainfall during early and middle period. After that isolated rain was experienced. The highest daily rainfall was 105.0 mm at Pak Chom in Loei province on April 1. Thunderstorms with gusty winds in several areas, especially hails were reported at Roi Et, Si sa ket, Ang Thong and Chon Buri province during April 6-8. Temperature was relatively increased, especially in Upper Thailand that experienced hot weather in general. Very hot weather in some area of central part with the highest temperature was 41.0 °C at Amphoe Thong Phaphum Kanchana Buri province on 10 April.

11 – 20 April: During this period, hot weather was reported in most of areas in upper Thailand, especially in northern part where very hot weather occurred in many areas. The maximum temperature was 41.9 °C at Amphoe Muang in Tak province on April 15. However, Thailand received isolated to widely scattered rain almost of the period with isolated heavy to very heavy rainfall. The maximum daily rainfall was 90.5 mm at Amphoe Kut Chap in Udon Thani province on April 13. Thunderstorms with gusty winds in several areas, especially hails were reported at Chiang Rai, Chiang Mai, Phitsanulok, Loei, Sakon Nakhon, Khon Kaen, Kalasin, Bangkok and Chumphon province during April 15-17.

21 – 31 April: Generally hot weather persisted in upper Thailand during early period, especially in northern part that experienced very hot weather in several areas. After that decreasing in temperature but still was hot weather in some area. The highest temperature was 42.4 °C at Amphoe Muang in Mae Hong Son province on April 22. For rainfall, Thailand received isolated to widely scattered rain and heavy rainfall in some areas during early period. After that increasing rain was generally fund with isolated heavy to very heavy rainfall, except for isolated rain in northeastern part during April 24-26. The maximum daily rainfall was 221.9 mm at Amphoe Muang in Khon Kaen province on April 28. Thunderstorms with gusty winds in several areas, especially hails were reported at Tak, Phrae, Lop Buri and Ayuthaya province during April 22-23. Flash flood occurred at Chaing Rai province on 29 April and Khon Kaen province on 28 April.

Note : Rainfall, temperatures and natural disasters in this report was updated up to May 13, 2008.

Climatological Group
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
April 2008

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	27.2	0.3	178.9	84.3	296.5	157.6
Mae Hong Son	30.2	0.5	102.0	42.9	193.7	105.5
Phayao	28.5	-0.5	51.8	-42.1	117.2	-15.6
Chiang Mai	29.9	1.1	57.2	2.7	97.0	8.3
Tha Wang Pha	27.9	-0.3	160.2	56.2	281.8	121.0
Nan	29.0	0.3	136.8	40.7	204.4	56.3
Lamphun	29.8	-0.2	95.2	52.4	136.2	72.0
Lampang	29.9	0.4	81.4	16.3	177.6	78.8
Mae Sariang	29.4	-0.1	68.8	22.1	97.0	25.0
Phrae	29.8	0.0	126.0	48.7	229.6	111.7
Uttaradit	30.6	-0.1	57.8	-20.9	98.4	-28.0
Bhumibol Dam	30.3	-1.0	78.3	18.8	91.0	1.6
Tak	31.0	-0.4	191.9	149.9	209.8	141.8
Mae Sot	28.9	-0.1	191.0	152.1	227.2	169.3
Umphang	25.8	-0.2	339.8	249.0	381.2	236.7
Phitsanulok	30.5	-0.2	41.4	-13.1	86.5	-16.5
Lom Sak	28.6	-0.4	138.7	75.3	180.0	45.8
Phetchabun	29.5	-0.3	129.7	61.8	163.2	32.3
Wichian Buri	29.3	-1.2	209.3	119.1	254.3	105.4
Kamphaeng Phet	30.1	-0.4	66.1	20.0	143.1	51.3
Over the area	29.3	-0.1	125.1	56.8 83%	183.3	73.1 66%

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	29.1	-0.1	138.9	57.2	316.5	183.1
Loei	27.7	-0.6	196.7	103.2	296.7	138.6
Udon Thani	28.9	-0.7	143.8	60.8	297.7	141.0
Nakhon Phanom	28.7	0.0	122.1	18.5	231.9	48.1
Sakon Nakhon	28.6	-0.4	188.9	91.3	330.5	157.2
Mukdahan	29.3	-0.2	52.8	-43.8	93.4	-56.1
Khon Kaen	28.6	-1.4	336.9	265.0	400.7	272.8
Kosum Phisai	28.8	-1.2	276.8	189.4	390.7	239.4
Roi Et	29.2	-0.4	161.2	78.2	235.6	100.3
Chaiyaphum	29.0	-0.8	192.8	101.3	468.2	315.0
Ubon Ratchathani	30.0	0.2	15.3	-70.5	66.3	-62.1
Tha Tum	30.0	-0.4	30.6	-54.1	40.6	-103.0
Surin	29.6	-0.1	101.3	6.3	128.2	-9.4
Nakhon Ratchasima	29.3	-0.4	255.2	188.9	293.6	167.2
Chok Chai	29.3	-0.2	123.4	44.6	136.0	5.9
Nang Rong	29.3	-0.2	236.1	159.7	249.4	109.2
Over the area	29.1	-0.4	160.8	74.7 87%	248.5	102.9 71%

- 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
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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	30.3	-1.2	137.4	79.1	195.8	86.2
Bua Chum	29.5	-0.8	188.7	98.5	232.4	88.8
Lop Buri	29.8	-0.6	201.2	126.9	206.9	90.8
Suphan Buri	30.2	-0.1	69.8	10.7	74.4	-16.8
Thong Pha Phum	29.1	-0.5	151.5	52.2	196.9	33.8
Kanchanaburi	29.9	-1.2	71.7	-3.3	322.8	203.7
Bangkok Airport	29.8	0.0	91.7	24.9	114.1	-0.1
Bangkok Metropolis	30.3	0.2	180.8	106.9	315.8	181.9
Over the area	29.9	-0.5	136.6	61.9 83%	207.4	83.5 67%

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	29.7	-0.4	160.8	32.6	217.4	14.3
Kabin Buri	29.1	-0.6	94.5	6.3	261.2	95.7
Aranyaprathet	29.5	-0.3	110.9	28.1	175.8	10.2
Chon Buri	29.6	-0.3	144.9	66.4	194.4	53.8
Ko Sichang	29.5	-0.2	86.0	11.4	146.0	6.0
Pattaya	28.8	-0.4	82.4	18.8	154.5	19.6
Sattahip	29.1	-0.5	92.9	15.4	268.3	91.3
Rayong	29.3	-0.6	104.0	20.6	210.2	1.8
Chanthaburi	28.2	-0.2	164.5	51.3	354.5	135.8
Khlong Yai	28.0	-0.7	293.2	120.3	560.5	168.9
Over the area	29.1	-0.4	133.4	37.1 39%	254.3	59.7 31%

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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	29.6	0.1	77.2	42.1	86.3	20.1
Hua Hin	29.1	-0.3	80.4	42.3	102.3	8.1
Prachuap Khiri Khar	28.7	-0.1	106.8	58.8	305.3	154.1
Chumphon	28.3	-0.2	127.1	47.0	389.3	107.0
Surat Thani	28.0	-0.4	111.1	33.7	241.4	67.4
Ko Samui	28.4	-0.7	131.7	56.7	391.9	64.5
Nakhon Si Thammarat	27.7	-0.5	171.7	65.2	813.5	440.5
Songkhla	28.5	-0.6	96.6	19.0	291.4	78.3
Hat Yai Airport	27.3	-0.6	161.2	47.6	413.6	175.7
Pattani Airport	28.0	0.0	32.3	-39.9	189.5	-1.3
Narathiwat	27.9	-0.4	52.8	-26.1	335.7	31.5
Over the area	28.3	-0.4	104.4	31.4 43%	323.7	104.2 47%

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	28.2	-0.2	201.9	47.3	301.3	68.1
Takua Pa	27.6	-0.5	183.4	-19.2	582.1	212.3
Phuket	29.3	0.0	132.5	-2.9	333.2	86.6
Phuket Airport	28.3	-0.1	82.3	-82.7	405.5	98.0
Ko Lanta	28.3	-0.8	101.2	-18.4	161.1	-39.2
Trang Airport	27.6	-0.6	181.9	48.8	317.0	59.4
Satun	28.0	-0.3	207.0	-10.0	389.0	21.8
Over the area	28.2	-0.3	155.7	-5.3 -3%	355.6	72.5 26%

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