

Monthly Weather Summary in Thailand

March 2009

Cool weather in the morning remained over northern Thailand and cold weather was experienced in some places during the first half of March. However, the weather during daytime was hot in most areas of upper Thailand and very hot weather for few days at Lampang province. Unseasonable rainfall and thunderstorms with gusty winds and hails affected some areas especially in upper Thailand during the second half of this month because of high pressure area from China that occasionally extended its ridge to cover upper Thailand, where warmer air existed, associated with the confluence of southerly and southeasterly wind prevailing over upper Thailand and westerly trough moving through the northern and northeastern parts during 18 -20 March. This contributed to decrease temperature over much of the country and monthly mean temperatures were slightly below normal. For southern Thailand, abundant rainfall occurred almost March. All regions received above normal rainfall i.e. northern part 20.7 mm (84%), northeastern 43.8 mm (116%), central part 38.3 mm (125%), eastern part 40.7 mm (75%), southern part (east coast) 56.9mm (113%) and southern part (west coast) 154.9 mm (220%).

1 – 10 March: In the morning generally cool and cold weather persisted in mainly in northern part of Thailand. The minimum temperature of the period was 11.7 °C, at Amphoe Umphang in Tak province on March 6. Temperatures were obviously increased during daytime and hot weather generally occurred in upper Thailand throughout the period, the highest temperature of 39.9 °C was recorded at Amphoe Thoen in Lampang province on March 8. Isolated to widely scattered rainfall was found in upper Thailand almost the period, especially heavy rainfall in central and eastern parts during the first half of the period. Southern Thailand received scattered rainfall almost the period and heavy to very heavy rainfall were found during the first half of the period. The highest daily rainfall of 132.0 mm was measured at Amphoe Muang in Narathiwat province on March 2.

11 – 20 March: Generally hot weather persisted in upper Thailand during early period and temperature in northern part rose to 40.0 °C at Amphoe Thoen in Lampang province on March 11 and 12. After that, temperature was relatively decreased and most of Thailand received scattered rain and heavy to very heavy rainfall in some areas mainly during late period with the maximum daily rainfall of 97.5 mm at Phuluang Wildlife Sanctuary, Amphoe Phuluang in Loei province on March 13. Thunderstorms and gusty winds occurred in Chaiyaphum, Nakhon Phanom, Yasothon, Surin, Ubon Ratchathani, Kanchanaburi, Lop Buri, Bangkok, Sa Kaeo, Chanthaburi and Trad during the middle of the period and hails at Surin, Sakon Nakhon, Kanchanaburi, Sa Kaeo and Chiang Rai.

21 – 31 March: Temperatures were relatively decreased but the weather was hot in many areas of upper Thailand almost the period. The highest temperature of 39.3 °C was measured at Amphoe Muang in Tak province on March 30. For rainfall, upper Thailand received scattered to fairly widespread rain and heavy to very heavy rainfall in some areas during the middle and late period. Isolated rain on the rest days. The maximum daily rainfall in upper Thailand was 120.0 mm at Amphoe Phlapphla Chai in Buri Ram province on March 24. Thunderstorms with gusty winds in several areas of upper Thailand during the second half of the period. There were hails at Phitsanulok and Phra Nakhon Si Ayutthaya provinces on March 26, at Phayao and Bangkok provinces on March 31. Southern Thailand obtained scattered to fairly widespread rain almost this period and isolated heavy to very heavy rainfall with the heaviest daily rainfall of 107.8 mm at Amphoe Phunpin in Surat Thani province on March 22. Thundershower with stroke of lightning at Surat Thani provinve on March 24 and thundershower at Satun province on March 26.

Note : Rainfall, temperatures and natural disasters in this report was updated up to April 7, 2009.

Monthly Current Report
Rainfall and Accumulative Rainfall
March 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	24.7	0.3	31.9	11.0	31.9	-12.4
Mae Hong Son	26.4	0.1	43.8	27.2	43.8	14.7
Phayao	26.1	-1.1	12.3	-10.3	12.3	-26.6
Chiang Mai	27.1	0.4	16.7	-0.6	16.7	-17.5
Tha Wang Pha	25.9	-0.1	7.9	-27.7	13.0	-43.8
Nan	27.1	0.8	30.1	-1.5	30.4	-21.6
Lamphun	27.2	-0.7	11.8	-1.3	11.8	-9.6
Lampang	27.8	0.4	26.9	6.4	26.9	-6.8
Mae Sariang	26.6	0.2	48.4	37.1	48.4	23.1
Phrae	27.6	0.0	12.6	-12.0	16.1	-24.5
Uttaradit	28.4	-0.2	5.0	-20.4	5.0	-42.7
Bhumibol Dam	28.6	-1.4	37.1	19.0	37.3	7.4
Tak	29.2	-0.9	7.9	-5.5	7.9	-18.1
Mae Sot	27.2	0.1	26.8	18.1	26.8	7.8
Umphang	24.1	-0.1	132.6	100.2	136.1	82.4
Phitsanulok	28.5	-0.6	21.9	-8.6	26.7	-21.8
Lom Sak	27.8	-0.1	125.1	82.1	128.3	57.5
Phetchabun	28.2	-0.4	166.3	127.9	167.1	104.1
Wichian Buri	28.9	-0.7	67.7	29.8	67.7	9.0
Kamphaeng Phet	28.3	-0.6	73.5	43.1	74.0	28.3
Over the area	27.3	-0.2	45.3	20.7 84%	46.4	4.5 11%

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	28.0	0.6	52.0	21.7	53.7	2.0
Loei	26.4	-0.4	116.3	74.4	126.3	61.7
Udon Thani	28.1	0.1	45.0	-2.5	45.7	-28.0
Nakhon Phanom	27.8	0.9	87.2	37.8	103.4	23.2
Sakon Nakhon	27.6	0.2	89.1	43.2	89.4	13.7
Mukdahan	28.3	0.3	55.3	25.7	56.2	3.3
Khon Kaen	28.1	-0.5	52.4	14.5	57.3	1.3
Kosum Phisai	28.5	0.0	60.8	13.0	62.4	-1.5
Roi Et	28.6	0.5	51.1	24.3	51.1	-1.2
Chaiyaphum	28.5	-0.3	95.4	55.7	98.9	37.2
Ubon Ratchathani	29.1	0.4	65.8	40.9	69.3	26.7
Tha Tum	28.7	-0.2	72.2	30.9	72.2	13.3
Surin	28.6	-0.2	173.9	147.8	187.3	144.7
Nakhon Ratchasima	28.4	-0.3	123.6	87.5	132.4	72.3
Chok Chai	28.0	-0.5	61.1	25.0	95.3	44.0
Nang Rong	27.6	-1.0	103.5	61.9	143.8	80.0
Over the area	28.1	-0.1	81.5	43.8 116%	90.3	30.8 52%

- 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
March 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	29.6	-0.7	33.2	-0.2	33.2	-18.1
Bua Chum	28.8	-0.8	57.8	18.3	73.0	19.6
Lop Buri	29.1	-0.4	72.4	46.9	76.1	34.3
Suphan Buri	29.4	0.5	5.0	-13.3	5.7	-26.4
Thong Pha Phum	28.4	-0.3	143.4	100.8	159.1	95.3
Kanchanaburi	29.8	-0.1	105.4	77.9	107.7	63.6
Bangkok Airport	29.4	0.5	104.0	77.1	104.0	56.6
Bangkok Metropolis	30.0	0.9	30.2	-1.1	30.2	-29.8
Over the area	29.3	-0.1	68.9	38.3 125%	73.6	24.4 50%

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	29.3	-0.3	35.9	-14.2	54.1	-20.8
Kabin Buri	28.6	-0.5	56.4	7.7	69.3	-8.0
Aranyaprathet	29.2	-0.1	92.6	39.6	94.4	11.6
Chon Buri	29.1	0.2	116.6	82.1	117.0	54.9
Ko Sichang	28.9	0.2	10.7	-27.0	10.9	-54.5
Pattaya	28.2	0.0	99.3	54.1	145.6	74.3
Sattahip	28.9	0.4	21.3	-27.6	22.0	-77.5
Rayong	28.4	-0.6	60.6	-6.1	78.8	-46.2
Chanthaburi	28.0	0.3	243.2	186.5	243.8	138.3
Khlong Yai	28.0	-0.1	216.0	111.7	309.7	91.0
Over the area	28.7	0.0	95.3	40.7 75%	114.6	16.3 17%

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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	29.1	0.7	62.5	44.5	62.5	31.4
Hua Hin	28.6	0.4	21.6	-6.3	22.6	-33.5
Prachuap Khiri Khan	28.7	1.2	30.1	-13.8	30.1	-73.1
Chumphon	27.8	0.2	56.6	-11.3	59.8	-142.4
Surat Thani	27.8	0.2	107.2	69.2	202.0	105.4
Ko Samui	28.4	0.2	115.5	49.9	158.0	-94.4
Nakhon Si Thammarat	27.4	0.1	104.0	44.3	335.3	68.8
Songkhla	27.7	-0.7	120.2	76.3	454.5	319.0
Hat Yai Airport	27.0	-0.5	182.6	127.2	297.9	175.2
Pattani Airport	27.3	0.2	106.6	67.1	251.4	132.8
Narathiwat	26.7	-0.7	273.5	179.1	792.5	567.2
Over the area	27.9	0.2	107.3	56.9 113%	242.4	96.0 66%

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	-0.3	141.3	91.4	151.8	73.2
Takua Pa	27.1	-0.6	193.6	100.3	222.9	55.7
Phuket	28.6	-0.6	212.7	153.5	219.6	108.4
Phuket Airport	27.8	-0.3	364.5	290.5	380.1	237.6
Ko Lanta	28.1	-0.8	153.8	100.2	183.7	103.0
Trang Airport	27.5	-0.6	221.6	156.7	257.0	132.5
Satun	27.7	-0.7	290.1	191.7	324.9	174.7
Over the area	27.8	-0.6	225.4	154.9 220%	248.6	126.5 104%

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