

## Monthly Weather Summary in Thailand February 2008

Mean temperatures of February 2008 were below normal in major areas of Thailand due to the continuation of high pressure area from China that extended its ridge to cover upper Thailand and South China Sea and caused cool weather remained over Thailand, particularly northern and northeastern parts where cold weather was experienced in several places. However, the confluence of southerly and southeasterly wind prevailing over upper Thailand for few days associated with the easterly wave covering Thailand during late February and also westerly trough moving through northern part of Thailand caused unseasonable rainfall. Monthly rainfall was above normal in almost areas i.e. northern part 14.1 mm (124%), central part 23.8 mm (192%), eastern part 37.0 mm (128%), southern part (east coast) 23.1 mm (64%) and southern part (west coast) 38.4 mm (134%) while it was inversely below normal in northeastern part 7.6 mm (43%).

**1 – 10 February:** Generally cool and cold weather persisted in northern and northeastern parts while central and eastern parts experienced cool weather in several areas. The minimum temperature of the period was 10.2 °C, at Umphang in Tak province on February 8 while that of the mountaintop was 3.5 °C at Doi Angkhang, Amphoe Fang in Chiang Mai province on February 6. During this period, there was unexpected rainfall, especially during February 1-4 because there was low pressure cell covering northern part and the confluence of southerly and southeasterly wind prevailing over upper Thailand. The highest daily rainfall of 124.7 mm was measured at Amphoe Muang in Kanchanaburi province on February 3. For southern Thailand, cool weather was measured in several places and rainfall was found during the beginning of the period. The maximum daily rainfall was 65.0 mm at King Amphoe Samroi Yod in Prachuap Khirikhan province on February 4.

**11 – 20 February:** Temperature was relatively decreased, especially in northeastern part that experienced cold weather in general. The lowest minimum temperature was 10.5 °C at Agrometeorological Station in Nakhon Phanom province on February 20 and the temperature in the area of mountaintop climbed down to 2.5 °C at Doi Angkhang, Amphoe Fang in Chiang Mai province on February 18. During this period, upper Thailand received isolated rain for few days mainly in central and eastern parts with the maximum daily rainfall of 47.6 mm at Pilot station in Samut Prakarn province on February 13 while southern Thailand experienced isolated rain with heavy to very heavy rainfall in some areas of the upper portion. The highest daily rainfall was 140.4 mm at Thap Sakae in Prachuap Khirikhan province on February 17.

**21 – 29 February:** Although high pressure area which covered upper Thailand was weakened, generally cool weather remained over Thailand during the beginning of the period. After that slightly warmer weather was found until the end of the period, the temperature became once again decreased. The lowest minimum temperature was 10.3 °C at Agrometeorological Station in Nakhon Phanom province on February 22 while that of the mountaintop was 5.0 °C at Doi Angkhang, Amphoe Fang in Chiang Mai province on the same day. For rainfall, during the end of the period, there was unseasonable rainfall over Thailand due to the effect of easterly wave covering Thailand and westerly trough moving through northern part. The maximum daily rainfall in upper Thailand was 94.5 mm at Kabin Buri in Prachinburi province on February 25 with the occurrence of gusty wind and hail at Chiang Mai and Chiang Rai province on February 28. Southern Thailand obtained scattered to almost widespread rain and isolated heavy to very heavy rainfall during the middle and the end of the period with the heaviest daily rainfall of 266.0 mm at Sri Sakorn Self-Help Settlement in Narathiwat province on February 28.

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**Note :** Rainfall, temperatures and natural disasters in this report was updated up to March 10, 2008.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
February 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	21.7	0.5	46.4	34.2	77.2	53.8
Mae Hong Son	22.5	0.3	14.3	9.5	89.7	77.2
Phayao	22.9	-0.4	42.6	31.3	50.1	33.8
Chiang Mai	24.5	1.2	13.8	4.6	30.4	13.5
Tha Wang Pha	22.6	0.6	36.3	24.2	88.0	66.8
Nan	23.5	0.5	35.8	22.7	53.6	33.2
Lamphun	24.4	0.2	18.6	12.7	33.5	25.2
Lampang	24.8	0.9	46.6	39.0	56.0	42.8
Mae Sariang	22.5	0.1	10.0	3.0	24.2	10.2
Phrae	24.2	0.1	29.7	20.0	70.0	54.0
Uttaradit	25.5	-0.3	11.0	-3.9	36.0	13.7
Bhumibol Dam	25.6	-1.4	8.9	1.5	11.0	-0.8
Tak	26.2	-0.7	16.4	8.0	16.4	3.8
Mae Sot	25.0	0.8	19.3	11.3	28.9	18.6
Umphang	22.8	1.8	9.0	-4.8	9.0	-12.3
Phitsanulok	26.0	-0.7	39.3	26.4	39.4	21.4
Lom Sak	24.9	-0.7	35.1	11.7	38.4	10.6
Phetchabun	25.3	-0.9	24.8	5.8	28.4	3.8
Wichian Buri	26.3	-1.0	3.0	-10.9	3.8	-17.0
Kamphaeng Phet	25.8	-0.9	49.0	35.5	49.0	33.7
Over the area	24.4	0.0	25.5	14.1 124%	41.7	24.4 141%

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	21.4	-3.1	39.0	24.5	50.3	28.9
Loei	21.8	-2.1	42.6	25.8	65.0	42.3
Udon Thani	21.6	-3.3	31.1	10.1	55.5	29.3
Nakhon Phanom	20.4	-3.5	3.4	-23.9	8.4	-22.4
Sakon Nakhon	20.3	-4.0	7.7	-18.0	15.0	-14.8
Mukdahan	20.8	-4.0	0.1	-18.6	2.1	-21.2
Khon Kaen	22.4	-3.2	2.7	-13.3	11.1	-7.0
Kosum Phisai	22.6	-2.9	8.4	-5.7	14.8	-1.3
Roi Et	22.4	-2.9	9.0	-12.0	9.6	-15.9
Chaiyaphum	24.1	-2.3	8.3	-10.4	9.8	-12.2
Ubon Ratchathani	23.2	-2.9	1.1	-15.4	1.1	-16.6
Tha Tum	23.3	-2.7	1.1	-14.9	1.1	-16.5
Surin	23.8	-2.5	0.3	-11.4	0.4	-16.1
Nakhon Ratchasima	24.4	-2.1	1.5	-16.6	7.4	-16.6
Chok Chai	24.5	-1.7	1.2	-10.1	1.6	-13.6
Nang Rong	24.1	-2.2	4.8	-11.0	5.1	-17.1
Over the area	22.6	-2.8	10.1	-7.6 -43%	16.1	-5.7 -26%

- 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  
February 2008

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	26.9	-1.3	21.0	8.5	39.6	21.7
Bua Chum	25.8	-1.4	6.5	-2.6	8.4	-5.5
Lop Buri	27.7	-0.3	5.7	-5.9	5.7	-10.6
Suphan Buri	27.1	-0.1	4.5	-2.8	4.5	-9.3
Thong Pha Phum	27.4	1.2	4.5	-11.4	4.5	-16.7
Kanchanaburi	27.3	-0.6	161.3	149.9	162.2	145.6
Bangkok Airport	27.7	0.0	16.7	5.1	21.7	1.2
Bangkok Metropolis	27.9	0.2	69.3	49.7	131.4	102.7
Over the area	27.2	-0.3	36.2	23.8 192%	47.3	28.7 154%

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	27.4	-0.8	18.5	1.4	18.5	-6.3
Kabin Buri	26.7	-1.0	132.8	111.1	142.6	114.0
Aranyaprathet	27.0	-0.8	52.5	29.3	62.2	32.4
Chon Buri	27.7	0.1	34.3	17.6	34.3	6.7
Ko Sichang	27.4	-0.1	44.4	25.1	44.4	16.7
Pattaya	27.0	-0.2	25.9	13.7	25.9	-0.2
Sattahip	26.6	-0.7	121.9	93.6	123.4	72.8
Rayong	27.0	-0.8	58.5	19.8	62.2	3.9
Chanthaburi	27.0	0.2	91.5	55.1	134.5	85.7
Khlong Yai	27.1	-0.2	79.2	3.1	80.0	-34.4
Over the area	27.1	-0.4	66.0	37.0 128%	72.8	29.1 67%

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Monthly Current Report  
Rainfall and Accumulative Rainfall  
February 2008

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	27.5	0.4	8.0	3.6	8.0	-5.1
Hua Hin	27.1	0.2	18.5	-0.2	19.3	-8.9
Prachuap Khiri Khan	26.7	0.6	57.8	25.5	85.0	25.7
Chumphon	26.7	0.3	154.3	94.7	214.3	80.0
Surat Thani	26.3	-0.4	10.2	-14.7	101.5	42.9
Ko Samui	27.1	-0.2	59.2	3.0	132.7	-54.1
Nakhon Si Thammarat	26.4	0.1	88.5	28.6	544.3	337.5
Songkhla	27.0	-0.7	55.1	18.1	158.1	66.5
Hat Yai Airport	26.3	-0.3	71.3	50.6	163.4	94.5
Pattani Airport	26.2	0.0	30.1	-1.1	126.0	46.9
Narathiwat	26.2	-0.5	97.7	45.2	193.0	62.1
Over the area	26.7	0.0	59.2	23.1 64%	158.7	62.6 65%

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	27.7	0.6	33.3	16.8	34.5	5.8
Takua Pa	26.7	-0.3	139.6	100.9	176.3	102.4
Phuket	28.4	-0.2	35.7	5.4	169.3	117.3
Phuket Airport	27.4	0.0	128.0	95.4	185.0	116.5
Ko Lanta	27.9	-0.3	16.6	-3.2	18.8	-8.3
Trang Airport	27.0	-0.4	38.3	14.6	61.2	1.6
Satun	27.8	-0.1	78.3	38.8	106.9	55.1
Over the area	27.6	-0.1	67.1	38.4 134%	107.4	55.8 108%

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