

## Monthly Weather Summary in Thailand February 2012

The weather condition during this month was periodically dominated by the high pressure area from China covering upper Thailand and the South China Sea as well as the prevailing of the southeasterly wind over upper Thailand. This caused cool weather in the morning especially in the northern and northeastern parts where experienced cool weather nearly the whole month with cold weather in the upper northern part. However, the weather in Thailand during daytime began to warm up as the consecutive hot day was occurred in upper Thailand particularly during late month. Mean temperature of February was above normal in most of areas with 2.0 °C higher than normal in some areas of the northern part. The rainfall was occasionally observed over Thailand and isolated heavy rainfall was found mainly in the central, eastern and southern parts. Monthly rainfall was above normal in 3 regions i.e. central 15.6 mm (126%) eastern parts 19.7 mm (68%) and southern part (west coast) 50.4 mm (176%) while it was below normal in northern part 3.9 mm (34%), northeastern part 12.5 mm (71%) and southern part (east coast) 8.1 mm (23%).

**1-10 February:** The ridge of high pressure from China extended to cover upper Thailand and the South China Sea in addition with the southeasterly wind prevailed over the central and eastern parts almost the period. Besides, the passage of westerly trough through the northern and upper northeastern part accompanied with the westerly wind blowing across the mentioned areas. These caused generally cool weather in the northern and northeastern part throughout the period with cold weather in upper northern during the second half of the period. The lowest minimum temperature was 10.0°C at Mae Sariang, Mae Hong Son province on February 9 and it dropped to 3.5°C over the area of mountaintop at Omkoi in Chiang Mai province on the same day. Unusual rainfall was reported mainly during the first half of the period with heavy to very heavy rainfall at times in some areas of the northern, central and eastern parts. The maximum daily rainfall in upper Thailand was 98.0 mm at Khlong Luang in Pathum Thani province on February 3 and 57.5 mm in the area of southern part at Sukhirin, Narathiwat province on the same day.

**11-20 February:** Under the influence of the ridge of high pressure, cool weather continued in the northern and northeastern part with cold weather in some areas. Besides, cool weather was found nearly the whole areas of the central and eastern parts during late period. The lowest temperature of 11.0 °C was measured at Mae Sariang, Mae Hong Son province on February 15 and 5.0 °C over the area of mountaintop at Doi Angkhang, Amphoe Fang in Chiang Mai province on February 14 and 16 and at Omkoi, Chiang Mai province on February 16. There was scanty rain in upper Thailand except in the eastern part where obtained isolated heavy rainfall during late period with the maximum daily rainfall of 86.8 mm at Klong Yai, Trat province on February 17. In southern part, cool weather was found in many places with isolated rainfall during late period. The highest daily rainfall was 90.0 mm at Lan Saka, Nakhon Si Thammarat province on February 18.

**21-29 February:** With the weakening of the moderate high pressure and the prevailing of the southeasterly wind, temperature was relatively increased nationwide and consecutive hot day during daytime in upper Thailand was pronounced. The maximum temperature climbed up to 39.6°C at Amphoe Muang, Tak province on February 24. However, cool weather remained in the morning in many areas of northern and upper northeastern parts. The lowest temperature of 10.0°C was measured at Mae Sariang, Mae Hong Son province on February 23 and 5.1°C over the area of mountaintop at Omkoi, Chiang Mai province on the same day. For rainfall, isolated to widely scattered rain was frequently observed during the second half of the period in the northeastern, eastern and southern parts. The highest daily rainfall in upper Thailand was 31.7 mm at Kabin Buri, Prachin Buri province on February 27 and 65.5 mm in southern part at Kapho, Pattani province on February 28. Thundershowers and gusty wind were found at Kalasin, Khon Kaen, Roi Et and Nong Bua Lamphu provinces on February 27.

**Note :** Rainfall, temperatures and natural disasters available in this report are preliminary data.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
February 2012

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	22.8	1.6	2.4	-9.8	54.1	30.7
Mae Hong Son	22.7	0.5	0.0	-4.8	8.7	-3.8
Phayao	24.3	1.0	0.0	-11.3	1.9	-14.4
Chiang Mai	25.2	1.9	0.0	-9.2	11.0	-5.9
Tha Wang Pha	24.3	2.3	1.1	-11.0	17.1	-4.1
Nan	25.4	2.4	0.0	-13.1	6.9	-13.5
Lamphun	25.0	0.8	0.0	-5.9	1.8	-6.5
Lampang	25.7	1.8	8.9	1.3	25.7	12.5
Mae Sariang	22.7	0.3	0.0	-7.0	2.1	-11.9
Phrae	25.5	1.4	2.4	-7.3	11.2	-4.8
Uttaradit	27.0	1.2	1.3	-13.6	2.4	-19.9
Bhumibol Dam	26.9	-0.1	7.2	-0.2	7.2	-4.6
Tak	27.9	1.0	4.4	-4.0	4.4	-8.2
Mae Sot	26.0	1.8	0.2	-7.8	0.8	-9.5
Umphang	23.4	2.4	29.6	15.8	34.2	12.9
Phitsanulok	27.8	1.1	1.6	-11.3	5.1	-12.9
Lom Sak	27.4	1.8	10.7	-12.7	15.3	-12.5
Phetchabun	27.3	1.1	30.9	11.9	63.6	39.0
Wichian Buri	28.2	0.9	9.4	-4.5	105.9	85.1
Kamphaeng Phet	27.5	0.8	40.2	26.7	42.1	26.8
Over the area	25.7	1.4	7.5	-3.9 -34%	21.1	3.8 22%

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	25.6	1.1	43.9	29.4	47.3	25.9
Loei	25.4	1.5	2.4	-14.4	20.6	-2.1
Udon Thani	26.1	1.2	0.2	-20.8	8.9	-17.3
Nakhon Phanom	25.1	1.2	1.2	-26.1	16.1	-14.7
Sakon Nakhon	25.0	0.7	6.0	-19.7	36.4	6.6
Mukdahan	25.5	0.7	2.1	-16.6	8.3	-15.0
Khon Kaen	26.5	0.9	0.0	-16.0	38.7	20.6
Kosum Phisai	26.4	0.9	0.1	-14.0	74.0	57.9
Roi Et	25.9	0.6	17.3	-3.7	86.6	61.1
Chaiyaphum	27.7	1.3	0.0	-18.7	11.7	-10.3
Ubon Ratchathani	27.4	1.3	0.1	-16.4	14.8	-2.9
Tha Tum	26.7	0.7	2.3	-13.7	82.6	65.0
Surin	27.6	1.3	3.9	-7.8	20.5	4.0
Nakhon Ratchasima	27.8	1.3	0.0	-18.1	49.8	25.8
Chok Chai	27.7	1.5	0.0	-11.3	106.7	91.5
Nang Rong	27.3	1.0	3.1	-12.7	8.9	-13.3
Over the area	26.5	1.1	5.2	-12.5 -71%	39.5	17.7 81%

- NOTES :
- 1) Mean temperature is the average of daily dry-bulb temperature
  - 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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Rainfall and Accumulative Rainfall  
February 2012

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	28.7	0.5	0.6	-11.9	23.6	5.7
Bua Chum	27.9	0.7	14.6	5.5	42.7	28.8
Lop Buri	28.7	0.7	33.0	21.4	33.4	17.1
Suphan Buri	28.8	1.6	2.3	-5.0	3.4	-10.4
Thong Pha Phum	27.5	1.3	80.4	64.5	108.8	87.6
Kanchanaburi	29.3	1.4	0.4	-11.0	14.7	-1.9
Bangkok Airport						
Bangkok Metropolis	29.0	1.3	64.9	45.3	109.1	80.4
Over the area	28.6	1.1	28.0	15.6 126%	48.0	29.4 158%

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	1.0	0.0	-17.1	13.8	-11.0
Kabin Buri	28.3	0.6	31.7	10.0	53.3	24.7
Aranyaprathet	29.0	1.2	1.5	-21.7	12.5	-17.3
Chon Buri	28.8	1.2	15.4	-1.3	53.4	25.8
Ko Sichang	28.1	0.6	13.4	-5.9	64.5	36.8
Pattaya	27.6	0.4	36.2	24.0	39.4	13.3
Sattahip	27.4	0.1	77.4	49.1	110.6	60.0
Rayong	27.9	0.1	80.2	41.5	163.0	104.7
Chanthaburi	28.0	1.2	101.8	65.4	163.0	114.2
Khlong Yai	27.7	0.4	129.4	53.3	270.5	156.1
Over the area	28.2	0.7	48.7	19.7 68%	94.4	50.7 116%

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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	28.1	1.0	4.3	-0.1	67.9	54.8
Hua Hin	27.8	0.9	0.7	-18.0	40.1	11.9
Prachuap Khiri Khan	27.1	1.0	54.4	22.1	130.0	70.7
Chumphon	27.3	0.9	61.0	1.4	388.0	253.7
Surat Thani	27.1	0.4	73.3	48.4	359.9	301.3
Ko Samui	27.6	0.3	53.5	-2.7	370.1	183.3
Nakhon Si Thammarat	27.1	0.8	8.6	-51.3	1075.7	868.9
Songkhla	27.8	0.1	36.5	-0.5	415.7	324.1
Hat Yai Airport	26.8	0.2	4.9	-14.2	332.4	265.1
Pattani Airport	27.6	1.4	3.9	-27.3	315.6	236.5
Narathiwat	27.2	0.5	5.5	-47.0	402.1	271.2
Over the area	27.4	0.7	27.9	-8.1 -23%	354.3	258.3 269%

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	27.6	0.5	78.2	61.7	318.7	290.0
Takua Pa	27.3	0.3	80.4	41.7	290.2	216.3
Phuket	29.3	0.7	72.6	42.3	124.6	72.6
Phuket Airport	28.2	0.8	133.1	100.5	309.6	241.1
Ko Lanta	28.1	-0.1	54.8	35.0	145.8	118.7
Trang Airport	27.8	0.4	22.5	-1.2	135.2	75.6
Satun	28.3	0.4	112.3	72.8	335.0	283.2
Over the area	28.1	0.4	79.1	50.4 176%	237.0	185.4 359%

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