

Monthly Weather Summary in Thailand January 2011

The weather condition during this month was dominated by the continuation of the moderate to rather active high pressure area from China extended its ridge over Thailand almost the month. The intermittent active northeast monsoon prevailed over Thailand and the Gulf of Thailand. It caused generally cool and cold weather over the upper Thailand, particularly in northern and northeastern parts with cold and very cold in the mountainous areas and mountain top. Besides, with the passage of the westerly trough over the upper Thailand, northern and central parts obtained rainfall during January 10 – 12. Southern part remained cool weather in several areas mainly the upper portion with rainfall almost the month. Monthly rainfall was below normal in the upper Thailand i.e. northern part 0.6 mm (10%), northeastern part 3.9 mm (95%), central part 4.8 mm (77%) and eastern part 14.7 mm (100%), while it was inversely above normal in southern part (east coast) 116.8 mm (195%) and southern part (west coast) 40.8 mm (178%). The mean temperature over Thailand in January was slightly below normal.

1–10 January: A rather active high pressure from China searched the upper Thailand mainly during the second half of the period. It was cool and cold weather in upper Thailand particularly in northern and northeastern parts. The minimum temperature of the period was 9.4 °C, at Amphoe Umphang in Tak province on January 1 and temperature in the area of mountain top climbed down to 4.8 °C at Phu Kradung Nation Park, Amphoe Phu Kradung in Loei province on the same day. For rainfall, northern part received rainfall particular on the last day of the period. The heaviest daily rainfall of 26.0 mm was measured at Agrometeorological Station in Chiang Rai province on January 10. In southern part, plentiful of rainfall occurred from Chumphon province southward by the influence of the rather active northeast monsoon. The heaviest daily rainfall of 195.8 mm was measured at Amphoe Yi-ngo in Narathiwat province on January 6.

11–20 January: The weather remained cool and cold in major area of upper Thailand, especially in northern and northeastern parts including upper southern part. The lowest minimum temperature was 8.5 °C at Agrometeorological Station in Nakhon Phanom province on January 13 and it dropped to 2.5 °C over the area of mountain top at Phluang Wildlife Sanctuary in Loei province on January 18. Affected by the westerly trough over upper Thailand on 11-12, it brought unseasonal rain into Thailand during the beginning of the period. The maximum daily rainfall in upper Thailand was 11.1 mm at Amphoe Thong Pha Phum in Kanchana Buri province on January 11. Southern Thailand obtained widely scattered to scattered rain and heavy to very heavy rainfall in some areas mainly along the east coast. The heaviest daily rainfall of 110.0 mm was measured at Amphoe Thung Tako in Chumphon province on January 12.

21 – 31 January: During this period, temperature was relatively increased, cool and cold weather still existed in the northern and northeastern parts. The lowest temperature 9.8 °C was measured at Agrometeorological Station in Nakhon Phanom province on January 31 and 4.0 °C over the area of mountaintop at Doi Intanon, Amphoe Fang in Chiang Mai province on January 21. For rainfall, northern and northeastern parts received isolated light rain during the second half of the period while widely scattered to scattered rain and heavy to very heavy rainfall in some areas in southern part. The heaviest daily rainfall of 94.7 mm was measured at Chana Rubber Research center in Surat Thani province on January 29.

Note : Rainfall, temperatures and natural disasters in this report were updated up to February 14, 2011.

Climatological Center
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
January 2011

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	20.8	1.7	25.6	14.4	25.6	14.4
Mae Hong Son	21.2	1.1	14.7	7.0	14.7	7.0
Phayao	21.4	0.7	4.2	-0.8	4.2	-0.8
Chiang Mai	22.7	1.8	2.6	-5.1	2.6	-5.1
Tha Wang Pha	20.8	0.2	1.5	-7.6	1.5	-7.6
Nan	21.5	0.7	0.8	-6.5	0.8	-6.5
Lamphun	22.3	0.7	7.6	5.2	7.6	5.2
Lampang	22.2	0.7	5.8	0.2	5.8	0.2
Mae Sariang	21.3	1.0	13.4	6.4	13.4	6.4
Phrae	22.1	0.2	3.8	-2.5	3.8	-2.5
Uttaradit	23.7	-0.1	2.0	-5.4	2.0	-5.4
Bhumibol Dam	22.4	-1.3	3.1	-1.3	3.1	-1.3
Tak	23.3	-0.3	2.0	-2.2	2.0	-2.2
Mae Sot	23.1	1.2	10.8	8.5	10.8	8.5
Umphang	20.8	0.8	2.9	-4.6	2.9	-4.6
Phitsanulok	24.1	-0.4	2.1	-3.0	2.1	-3.0
Lom Sak	23.6	-0.8	0.0	-4.4	0.0	-4.4
Phetchabun	23.7	-0.2	0.0	-5.6	0.0	-5.6
Wichian Buri	24.2	-1.2	0.0	-6.9	0.0	-6.9
Kamphaeng Phet	23.9	-0.7	2.8	1.0	2.8	1.0
Over the area	22.5	0.3	5.3	-0.6 -10%	5.3	-0.6 -10%

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	21.6	-0.6	1.4	-5.5	1.4	-5.5
Loei	20.6	-0.9	0.2	-5.7	0.2	-5.7
Udon Thani	21.3	-1.3	1.7	-3.5	1.7	-3.5
Nakhon Phanom	20.6	-1.3	0.0	-3.5	0.0	-3.5
Sakon Nakhon	20.3	-1.8	0.0	-4.1	0.0	-4.1
Mukdahan	20.3	-2.1	0.0	-4.6	0.0	-4.6
Khon Kaen	22.1	-1.0	0.0	-2.1	0.0	-2.1
Kosum Phisai	22.0	-1.7	0.0	-2.0	0.0	-2.0
Roi Et	21.4	-1.6	0.0	-4.5	0.0	-4.5
Chaiyaphum	23.0	-1.0	0.0	-3.3	0.0	-3.3
Ubon Ratchathani	22.4	-1.4	0.0	-1.2	0.0	-1.2
Tha Tum	22.1	-2.1	0.0	-1.6	0.0	-1.6
Surin	22.7	-1.3	0.0	-4.8	0.0	-4.8
Nakhon Ratchasima	22.7	-1.2	0.0	-5.9	0.0	-5.9
Chok Chai	22.6	-1.9	0.3	-3.6	0.3	-3.6
Nang Rong	22.1	-2.4	0.0	-6.4	0.0	-6.4
Over the area	21.7	-1.5	0.2	-3.9 -95%	0.2	-3.9 -95%

- 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 dry-bulb temperature
 - 3) "T" is trace, rainfall amount less than 0.1 mm
 - 4) "blank" is incomplete data.

Monthly Current Report
Rainfall and Accumulative Rainfall
January 2011

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	24.3	-1.2	0.0	-5.4	0.0	-5.4
Bua Chum	23.8	-1.4	0.0	-4.8	0.0	-4.8
Lop Buri	26.0	-0.2	0.0	-4.7	0.0	-4.7
Suphan Buri	24.9	-0.5	0.0	-6.5	0.0	-6.5
Thong Pha Phum	24.2	-0.6	11.1	5.8	11.1	5.8
Kanchanaburi	25.4	-0.2	0.0	-5.2	0.0	-5.2
Bangkok Airport	26.1	-0.2	0.0	-8.9	0.0	-8.9
Bangkok Metropolis	27.1	0.7	0.2	-8.9	0.2	-8.9
Over the area	25.2	-0.5	1.4	-4.8 -77%	1.4	-4.8 -77%

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	26.4	-0.2	0.0	-7.7	0.0	-7.7
Kabin Buri	25.2	-1.3	0.0	-6.9	0.0	-6.9
Aranyaprathet	25.7	0.1	0.0	-6.6	0.0	-6.6
Chon Buri	27.4	1.1	0.0	-10.9	0.0	-10.9
Ko Sichang	26.9	0.6	0.0	-8.4	0.0	-8.4
Pattaya	26.6	0.4	0.2	-13.7	0.2	-13.7
Sattahip	25.9	0.0	0.0	-22.3	0.0	-22.3
Rayong	26.0	-0.1	0.0	-19.6	0.0	-19.6
Chanthaburi	26.8	0.9	0.0	-12.4	0.0	-12.4
Khlong Yai	26.9	0.5	0.0	-38.3	0.0	-38.3
Over the area	26.4	0.2	0.0	-14.7 -100%	0.0	-14.7 -100%

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Monthly Current Report
Rainfall and Accumulative Rainfall
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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	25.8	0.1	0.0	-8.7	0.0	-8.7
Hua Hin	26.2	0.6	0.1	-9.4	0.1	-9.4
Prachuap Khiri Khan	25.9	1.0	0.4	-26.6	0.4	-26.6
Chumphon	25.8	0.4	15.9	-58.8	15.9	-58.8
Surat Thani	25.7	-0.3	137.0	103.3	137.0	103.3
Ko Samui	26.3	-0.3	274.5	143.9	274.5	143.9
Nakhon Si Thammarat	25.3	-0.4	571.4	424.5	571.4	424.5
Songkhla	27.1	-0.1	249.8	195.2	249.8	195.2
Hat Yai Airport	26.2	0.4	177.6	129.4	177.6	129.4
Pattani Airport	26.2	0.4	144.5	96.6	144.5	96.6
Narathiwat	26.0	-0.1	373.8	295.4	373.8	295.4
Over the area	26.0	0.1	176.8	116.8 195%	176.8	116.8 195%

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	26.3	0.1	46.2	34.0	46.2	34.0
Takua Pa	26.6	0.3	85.4	50.2	85.4	50.2
Phuket	28.1	0.2	76.6	54.9	76.6	54.9
Phuket Airport	27.1	0.4	77.0	41.1	77.0	41.1
Ko Lanta	27.3	-0.3	8.4	1.1	8.4	1.1
Trang Airport	26.4	-0.1	123.2	87.3	123.2	87.3
Satun	27.4	0.0	29.2	16.9	29.2	16.9
Over the area	27.0	0.1	63.7	40.8 178%	63.7	40.8 178%

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