

Monthly Weather Summary in Thailand

January 2009

The continuation of high pressure area from China which extended to cover Thailand caused cool and cold weather in most areas, particularly during mid-January that temperature generally decreased and cold to very cold weather was in northern and northeastern parts. In the mountainous areas and mountaintop the weather was cold and very cold. Due to the influence of the continuation of active northeast monsoon prevailed over southern part and the Gulf of Thailand caused intermittent rainfall mainly along the east coast while scanty rain occurred in upper Thailand. Monthly rainfall was below normal in general i.e. northern part 5.9 mm (100%), northeastern part 4.0 mm (98%), central 6.1 mm (98%), eastern part 14.6 mm(99%) and southern part (west coast) 6.5 mm (28%) while it was inversely above normal in southern part (east coast) 64.2 mm (107%). Mean temperatures of January 2008 were below normal in general.

1 – 9 January: The weather was cool in major area of Thailand, especially in mountainous area and mountaintop that experienced cold and very cold weather. The minimum temperature of the period was 10.0 °C, at Amphoe Thung Chang in Nan province on January 1 and temperature in the area of mountaintop climbed down to 3.5 °C at Doi Angkhang, Amphoe Fang in Chiang Mai province on January 9. During this period, there was slight isolated rain in upper Thailand during January 1-2. Southern Thailand, from Surat Thani province experienced almost widespread rain during the first half of the period with isolated heavy to very heavy rainfall along the east coast and isolated rain during the second half of the period. The heaviest daily rainfall of 233.7 mm was measured at Amphoe Yarang in Pattani province on January 3.

10 – 20 January: During this period, temperature was sharply decreased and cold weather invaded not only northern and northeastern parts but also some areas of central, eastern and upper southern part. The lowest minimum temperature was 4.2 °C at Agrometeorological Station in Nakhon Phanom province on January 11 and it dropped to 0.8 °C over the area of mountaintop at Doi Intanon, Amphoe Fang in Chiang Mai province on January 15, with the report of frost at Doi Intanon, Chiang Mai province and Phu Kradung Nation Park, Phu Ruea Nation Park, Loei province on January 11, Nam Nao National Park, Petchabun province on January 12 and Doi Angkhang, Chiang Mai province on January 19. During this period, there was isolated to widely scattered rain with heavy rainfall in some areas of lower southern part from Surat Thani province southward during the beginning and the middle period, while there was no rain elsewhere. Maximum rainfall of was recorded 75.6 mm at Amphoe Mai Kaen in Pattani province on January 14.

21 – 31 January: Temperature was relatively during the second half of the period but increased, cold weather persisted in upper portion of the northern and northeastern parts. The lowest minimum temperature was 10.6 °C at Umphang in Tak province on January 24 but that of the mountaintop shifted upward to 3.5 °C at Doi Angkhang, Amphoe Fang in Chiang Mai province on January 22. During this period, rainfall in Southern Thailand isolated to scattered rain with heavy rainfall in some areas during 23-27 January. The heaviest daily rainfall was 64.5 mm at Amphoe Waeng in Narathiwat province on January 24.

Note : Rainfall, temperatures and natural disasters in this report was updated up to February 18, 2009.

Climatological Group
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
January 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	19.5	0.4	0.0	-11.2	0.0	-11.2
Mae Hong Son	20.2	0.1	0.0	-7.7	0.0	-7.7
Phayao	19.4	-1.3	0.0	-5.0	0.0	-5.0
Chiang Mai	21.4	0.5	0.0	-7.7	0.0	-7.7
Tha Wang Pha	19.2	-1.4	0.0	-9.1	0.0	-9.1
Nan	20.3	-0.5	0.0	-7.3	0.0	-7.3
Lamphun	20.5	-1.1	0.0	-2.4	0.0	-2.4
Lampang	21.1	-0.4	0.0	-5.6	0.0	-5.6
Mae Sariang	19.9	-0.4	0.0	-7.0	0.0	-7.0
Phrae	20.9	-1.0	0.0	-6.3	0.0	-6.3
Uttaradit	22.6	-1.2	0.0	-7.4	0.0	-7.4
Bhumibol Dam	21.1	-2.6	0.2	-4.2	0.2	-4.2
Tak	22.1	-1.5	0.0	-4.2	0.0	-4.2
Mae Sot	21.0	-0.9	0.0	-2.3	0.0	-2.3
Umphang	18.4	-1.6	0.0	-7.5	0.0	-7.5
Phitsanulok	22.7	-1.8	0.1	-5.0	0.1	-5.0
Lom Sak	22.2	-2.2	0.0	-4.4	0.0	-4.4
Phetchabun	22.3	-1.6	0.0	-5.6	0.0	-5.6
Wichian Buri	23.1	-2.3	0.0	-6.9	0.0	-6.9
Kamphaeng Phet	22.8	-1.8	0.2	-1.6	0.2	-1.6
Over the area	21.0	-1.2	0.0	-5.9	0.0	-5.9
				-100%		-100%

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	21.0	-1.2	0.8	-6.1	0.8	-6.1
Loei	19.8	-1.7	0.0	-5.9	0.0	-5.9
Udon Thani	20.8	-1.8	0.5	-4.7	0.5	-4.7
Nakhon Phanom	20.6	-1.3	0.0	-3.5	0.0	-3.5
Sakon Nakhon	20.3	-1.8	0.3	-3.8	0.3	-3.8
Mukdahan	20.6	-1.8	0.0	-4.6	0.0	-4.6
Khon Kaen	21.5	-1.6	0.0	-2.1	0.0	-2.1
Kosum Phisai	21.8	-1.9	0.0	-2.0	0.0	-2.0
Roi Et	21.2	-1.8	0.0	-4.5	0.0	-4.5
Chaiyaphum	22.5	-1.5	0.0	-3.3	0.0	-3.3
Ubon Ratchathani	22.4	-1.4	0.0	-1.2	0.0	-1.2
Tha Tum	21.6	-2.6	0.0	-1.6	0.0	-1.6
Surin	22.2	-1.8	0.0	-4.8	0.0	-4.8
Nakhon Ratchasima	22.4	-1.5	0.0	-5.9	0.0	-5.9
Chok Chai	22.2	-2.3	0.0	-3.9	0.0	-3.9
Nang Rong	21.7	-2.8	0.0	-6.4	0.0	-6.4
Over the area	21.4	-1.8	0.1	-4.0	0.1	-4.0
				-98%		-98%

- 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 Rainfa
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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	23.2	-2.3	0.0	-5.4	0.0	-5.4
Bua Chum	22.7	-2.5	0.2	-4.6	0.2	-4.6
Lop Buri	24.6	-1.6	0.1	-4.6	0.1	-4.6
Suphan Buri	23.8	-1.6	0.4	-6.1	0.4	-6.1
Thong Pha Phum	22.4	-2.4	0.0	-5.3	0.0	-5.3
Kanchanaburi	24.2	-1.4	0.2	-5.0	0.2	-5.0
Bangkok Airport	24.9	-1.4	0.0	-8.9	0.0	-8.9
Bangkok Metropolis	25.7	-0.7	0.0	-9.1	0.0	-9.1
Over the area	23.9	-1.8	0.1	-6.1 -98%	0.1	-6.1 -98%

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	24.9	-1.7	0.0	-7.7	0.0	-7.7
Kabin Buri	24.2	-2.3	0.0	-6.9	0.0	-6.9
Aranyaprathet	24.6	-1.0	0.0	-6.6	0.0	-6.6
Chon Buri	25.4	-0.9	0.0	-10.9	0.0	-10.9
Ko Sichang	25.0	-1.3	0.0	-8.4	0.0	-8.4
Pattaya	24.8	-1.4	0.0	-13.9	0.0	-13.9
Sattahip	24.6	-1.3	0.0	-22.3	0.0	-22.3
Rayong	24.8	-1.3	0.0	-19.6	0.0	-19.6
Chanthaburi	25.2	-0.7	0.5	-11.9	0.5	-11.9
Khlong Yai	25.6	-0.8	0.1	-38.2	0.1	-38.2
Over the area	24.9	-1.3	0.1	-14.6 -99%	0.1	-14.6 -99%

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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	24.3	-1.4	0.0	-8.7	0.0	-8.7
Hua Hin	24.6	-1.0	0.0	-9.5	0.0	-9.5
Prachuap Khiri Khar	24.5	-0.4	0.0	-27.0	0.0	-27.0
Chumphon	24.4	-1.0	2.7	-72.0	2.7	-72.0
Surat Thani	25.0	-1.0	94.8	61.1	94.8	61.1
Ko Samui	26.2	-0.4	39.5	-91.1	39.5	-91.1
Nakhon Si Thammarat	25.3	-0.4	217.6	70.7	217.6	70.7
Songkhla	26.3	-0.9	295.4	240.8	295.4	240.8
Hat Yai Airport	25.2	-0.6	98.3	50.1	98.3	50.1
Pattani Airport	25.5	-0.3	140.0	92.1	140.0	92.1
Narathiwat	24.9	-1.2	477.4	399.0	477.4	399.0
Over the area	25.1	-0.8	124.2	64.2 107%	124.2	64.2 107%

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	26.0	-0.2	10.4	-1.8	10.4	-1.8
Takua Pa	26.7	0.4	24.6	-10.6	24.6	-10.6
Phuket	27.6	-0.3	4.1	-17.6	4.1	-17.6
Phuket Airport	26.9	0.2	13.0	-22.9	13.0	-22.9
Ko Lanta	27.0	-0.6	19.5	12.2	19.5	12.2
Trang Airport	26.2	-0.3	35.4	-0.5	35.4	-0.5
Satun	27.2	-0.2	8.0	-4.3	8.0	-4.3
Over the area	26.8	-0.1	16.4	-6.5 -28%	16.4	-6.5 -28%

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