

Monthly Weather Summary in Thailand February 2009

High pressure system from China occasionally extended its ridge to cover upper Thailand and the South China Sea causing cool weather in the whole of Thailand during the first half of the month in particular northern and northeastern parts where cold weather was found in the morning in the upper portion until the end of February. During the second half of the month, high pressure system was weak and southerly and southeasterly wind prevailed over Thailand. These conditions resulted in an increase of temperature with relatively warmer weather during daytime, particularly late February that heat low pressure cell covered upper Thailand and the new highest record of maximum temperature in some stations was established. For rainfall, Thailand received isolated rainfall for few days mainly in late February and gusty winds with hails were found in some places. However, February as a whole was dry. All regions received below normal rainfall i.e. northern part 10.3 mm (90%), northeastern 9.0 mm (51%), central part 7.8 mm (63%), eastern part 9.8 mm (34%), southern part (east coast) 25.0 mm (69%) and southern part (west coast) 21.9 mm (76%). Mean temperatures of February were above normal especially those in northern, northeastern and central parts that they were 1-2 °C higher than normal.

1-10 February : Cool and cold weather persisted in Thailand with the lowest minimum temperature of 12.5 °C at Amphoe Mae Sariang in Mae Hong Son province on February 5 and it dropped to 4.5 °C over the area of mountaintop at Doi Angkhang, Amphoe Fang in Chiang Mai province on the same day. Isolated rain was found in Thailand on a few days with maximum amount of 27.7 mm on February 5 at Wang Saphung in Loei province.

11-19 February : During this period, the temperature became sharply increased during daytime. The temperature in northeastern part rose to 39.0 °C at Amphoe Muang in Mukdahan province on February 15 while it was still apparently low in the morning especially in northern and northeastern parts where 4.5 °C and 9.5 °C were measured at Doi Angkhang on February 15 and at Amphoe Umphang on February 14, respectively. Thailand received scanty rain except for isolated rain in eastern and southern parts for few days with maximum amount, 35.0 mm, in southern Thailand east coast at Amphoe Pa Phayom in Phatthalung province on February 14.

20-28 February : Hot weather continued during daytime while very hot weather was later distinctly observed in Tak and Mukdahan provinces, the highest temperature reached 40.2 °C at Amphoe Muang in Tak province on February 28. However, cool and cold weather still existed in the morning in the upper portion of northern part with lowest minimum temperatures, 7.0 °C at Doi Angkhang on February 24 and 25 and 13.5 °C at Umphang in Tak province on the February 27. During this period, rainfall was relatively increased with isolated to widely scattered rain and heavy rainfall in some places during the beginning and end of the period. The highest amount of rainfall was 46.4 mm in eastern part at Khlong Yai in Trat province on February 21. Gusty wind occurred at Ayutthaya and Trat provinces on February 20, Lop Buri on February 21, and also Roi Et, Yasothon, Si Sa Ket and Ubon Ratchathani provinces on February 28. Hail was reported at Nakhon Phanom province on February 22 as well.

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

Climatological Group
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
February 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	22.8	1.6	0.0	-12.2	0.0	-23.4
Mae Hong Son	22.9	0.7	0.0	-4.8	0.0	-12.5
Phayao	23.7	0.4	0.0	-11.3	0.0	-16.3
Chiang Mai	25.4	2.1	0.0	-9.2	0.0	-16.9
Tha Wang Pha	23.7	1.7	5.1	-7.0	5.1	-16.1
Nan	25.1	2.1	0.3	-12.8	0.3	-20.1
Lamphun	25.0	0.8	0.0	-5.9	0.0	-8.3
Lampang	26.0	2.1	0.0	-7.6	0.0	-13.2
Mae Sariang	23.5	1.1	0.0	-7.0	0.0	-14.0
Phrae	25.6	1.5	3.5	-6.2	3.5	-12.5
Uttaradit	27.0	1.2	0.0	-14.9	0.0	-22.3
Bhumibol Dam	27.2	0.2	0.0	-7.4	0.2	-11.6
Tak	28.3	1.4	0.0	-8.4	0.0	-12.6
Mae Sot	25.8	1.6	0.0	-8.0	0.0	-10.3
Umphang	23.0	2.0	3.5	-10.3	3.5	-17.8
Phitsanulok	27.4	0.7	4.7	-8.2	4.8	-13.2
Lom Sak	27.1	1.5	3.2	-20.2	3.2	-24.6
Phetchabun	27.3	1.1	0.8	-18.2	0.8	-23.8
Wichian Buri	28.1	0.8	0.0	-13.9	0.0	-20.8
Kamphaeng Phet	27.6	0.9	0.3	-13.2	0.5	-14.8
Over the area	25.6	1.3	1.1	-10.3 -90%	1.1	-16.2 -94%

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	27.1	2.6	0.9	-13.6	1.7	-19.7
Loei	25.6	1.7	10.0	-6.8	10.0	-12.7
Udon Thani	26.8	1.9	0.2	-20.8	0.7	-25.5
Nakhon Phanom	26.8	2.9	16.2	-11.1	16.2	-14.6
Sakon Nakhon	26.9	2.6	0.0	-25.7	0.3	-29.5
Mukdahan	27.3	2.5	0.9	-17.8	0.9	-22.4
Khon Kaen	27.4	1.8	4.9	-11.1	4.9	-13.2
Kosum Phisai	27.4	1.9	1.6	-12.5	1.6	-14.5
Roi Et	27.4	2.1	0.0	-21.0	0.0	-25.5
Chaiyaphum	28.1	1.7	3.5	-15.2	3.5	-18.5
Ubon Ratchathani	27.9	1.8	3.5	-13.0	3.5	-14.2
Tha Tum	27.2	1.2	0.0	-16.0	0.0	-17.6
Surin	27.8	1.5	13.4	1.7	13.4	-3.1
Nakhon Ratchasima	28.2	1.7	8.8	-9.3	8.8	-15.2
Chok Chai	27.6	1.4	34.2	22.9	34.2	19.0
Nang Rong	27.1	0.8	40.3	24.5	40.3	18.1
Over the area	27.3	1.9	8.7	-9.0 -51%	8.8	-13.0 -60%

- 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
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 - 4) "blank" is incomplete data.

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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	28.4	0.2	0.0	-12.5	0.0	-17.9
Bua Chum	28.0	0.8	15.0	5.9	15.2	1.3
Lop Buri	28.5	0.5	3.6	-8.0	3.7	-12.6
Suphan Buri	28.3	1.1	0.3	-7.0	0.7	-13.1
Thong Pha Phum	27.4	1.2	15.7	-0.2	15.7	-5.5
Kanchanaburi	29.0	1.1	2.1	-9.3	2.3	-14.3
Bangkok Airport	28.9	1.2	0.0	-11.6	0.0	-20.5
Bangkok Metropolis	29.2	1.5	0.0	-19.6	0.0	-28.7
Over the area	28.5	1.0	4.6	-7.8 -63%	4.7	-13.9 -75%

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	28.9	0.7	18.2	1.1	18.2	-6.6
Kabin Buri	28.2	0.5	12.9	-8.8	12.9	-15.7
Aranyaprathet	29.0	1.2	1.8	-21.4	1.8	-28.0
Chon Buri	28.8	1.2	0.4	-16.3	0.4	-27.2
Ko Sichang	27.6	0.1	0.2	-19.1	0.2	-27.5
Pattaya	27.3	0.1	46.3	34.1	46.3	20.2
Sattahip	27.5	0.2	0.7	-27.6	0.7	-49.9
Rayong	27.6	-0.2	18.2	-20.5	18.2	-40.1
Chanthaburi	27.8	1.0	0.1	-36.3	0.6	-48.2
Khlong Yai	27.1	-0.2	93.6	17.5	93.7	-20.7
Over the area	28.0	0.5	19.2	-9.8 -34%	19.3	-24.4 -56%

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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	27.7	0.6	0.0	-4.4	0.0	-13.1
Hua Hin	27.5	0.6	1.0	-17.7	1.0	-27.2
Prachuap Khiri Khan	27.2	1.1	0.0	-32.3	0.0	-59.3
Chumphon	27.0	0.6	0.5	-59.1	3.2	-131.1
Surat Thani	26.9	0.2	0.0	-24.9	94.8	36.2
Ko Samui	27.3	0.0	3.0	-53.2	42.5	-144.3
Nakhon Si Thammarat	26.8	0.5	13.7	-46.2	231.3	24.5
Songkhla	27.5	-0.2	38.9	1.9	334.3	242.7
Hat Yai Airport	27.0	0.4	17.0	-2.1	115.3	48.0
Pattani Airport	27.0	0.8	4.8	-26.4	144.8	65.7
Narathiwat	26.6	-0.1	41.6	-10.9	519.0	388.1
Over the area	27.1	0.4	11.0	-25.0 -69%	135.1	39.1 41%

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	27.4	0.3	0.1	-16.4	10.5	-18.2
Takua Pa	27.1	0.1	4.7	-34.0	29.3	-44.6
Phuket	29.0	0.4	2.8	-27.5	6.9	-45.1
Phuket Airport	27.8	0.4	2.6	-30.0	15.6	-52.9
Ko Lanta	27.8	-0.4	10.4	-9.4	29.9	2.8
Trang Airport	27.8	0.4	0.0	-23.7	35.4	-24.2
Satun	28.1	0.2	26.8	-12.7	34.8	-17.0
Over the area	27.9	0.2	6.8	-21.9 -76%	23.2	-28.4 -55%

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