

## Monthly Weather Summary in Thailand November 2009

The northeast monsoon prevailed over Thailand and the Gulf of Thailand almost the month. During early November, the active high pressure area extended its ridge to cover upper Thailand. These caused generally cool weather and cold weather in some areas of northern and northeastern parts. After that, there was a period that temperature increased because the high pressure areas weakened and the northeast monsoon varied to be easterly wind. However, during late November, the high pressure areas covering upper Thailand and northeast monsoon persisting over the Gulf of Thailand and southern part brought cool and cold weather to the mentioned areas. For southern Thailand, due to the influence of northeast monsoon, intermittent rainfall experienced mainly along the east coast particularly during early month, heavy to very heavy rainfall was found in many areas with flooding in some places. In November, the mean monthly temperature was higher by 0.6°C than normal. The country received below average amounts of rainfall with the deviation of 18 % below normal.

**1 – 10 November:** With the active northeast monsoon, northern and northeastern part of Thailand experienced generally cool weather during the beginning and middle of the period. The lowest temperature of 15.0°C was recorded at Chiang Rai and Chiang Rai agrometeorological stations on November 6 while in mountainous areas it dropped to 6.5°C at Doi Inthanon, Amphoe Chom Thong in Chiang Mai province on November 3. Besides, during early period, the tropical storm “MIRINAE” in middle South China Sea making landfall over Vietnam downgraded into tropical depression and low pressure cell in Cambodia. The unseasonable rainfall was found in Thailand particularly widespread light rain on November 3. For southern Thailand, much rain was observed along the east coast especially during the middle of the period, heavy to very heavy rainfall was found from Chumphon province southward with flooding at Chumphon, Nakhon Sri Thammarat, Surat Thani, Phattalung, Yala, Songkhla and Narathiwat provinces on November 4. The heaviest daily rainfall of 463.0 mm was measured at Srisakorn Self-Help Settlement in Narathiwat province on November 5.

**11 – 20 November:** Due to the weak high pressure areas dominating over Thailand and the northeast monsoon varied to be easterly wind, it became warmer with scanty rain in some areas during the first half of the period. After that, the another active high pressure area extended to cover upper Thailand and the intense northeast monsoon prevailing over the Gulf of Thailand and southern part causing temperature decreased with generally cool weather and cold weather in some places during late period. The lowest minimum temperature was 12.5 °C at Agrometeorological Station in Nakhon Phanom province on November 20. For the mountaintop it fell to 8.5 °C at Phluang Wildlife Sanctuary in Loei province on November 18, 19 and 20. Meanwhile, it remained scattered rain in southern Thailand during late period with the heaviest daily rainfall of 295.0 mm at Yaring in Pattani province on November 20.

**21 – 30 November:** During this period, temperature was obviously decreased with cool and cold weather in general especially northern and northeastern parts where consecutive days of cold weather was observed in many areas. Temperature recorded in northeastern part climbed down to 5.0 °C over the area of mountaintop at Phluang Wildlife Sanctuary in Loei province on November 23 and 9.7°C at Agrometeorological Station in Nakhon Phanom province on November 22. Southern part experienced cool weather in many areas and abundant rainfall along the east coast during the beginning and the end of the period. The maximum daily rainfall of 195.8 mm was recorded at Su-ngai Kolok in Narathiwat province on November 21 with flooding at Songkhla, Phattalung and Narathiwat provinces on the same day.

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**Note :** Rainfall, temperatures and natural disasters in this report was updated up to December 9, 2009.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
November 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	23.0	1.0	0.0	-56.6	1625.0	-58.7
Mae Hong Son	24.4	0.6	0.0	-45.2	841.5	-426.5
Phayao	23.1	0.2	0.5	-40.0	846.5	-237.9
Chiang Mai	25.1	1.3	0.0	-51.4	1062.7	-53.2
Tha Wang Pha	23.5	0.5	0.6	-24.8	1121.6	-265.4
Nan	24.2	0.6	0.0	-20.5	1095.3	-135.2
Lamphun	24.4	0.5	2.0	-46.1	732.6	-222.6
Lampang	24.7	1.0	0.1	-34.2	977.0	-75.4
Mae Sariang	24.1	0.0	1.4	-19.5	1574.5	443.6
Phrae	24.5	0.3	19.2	-2.9	1168.5	93.6
Uttaradit	26.0	0.3	2.0	-27.9	1183.3	-222.9
Bhumibol Dam	24.8	0.0	1.2	-48.5	1494.8	466.1
Tak	25.7	1.0	2.6	-58.2	1006.4	-42.2
Mae Sot	25.0	0.9	0.3	-24.4	1734.5	343.4
Umphang	22.6	0.9	0.8	-26.1	1618.9	194.6
Phitsanulok	26.6	0.5	1.7	-31.6	1348.5	19.5
Lom Sak	25.5	0.3	0.8	-14.0	1008.5	-31.3
Phetchabun	25.7	0.6	0.0	-10.5	1023.4	-49.1
Wichian Buri	26.2	0.1	15.8	-0.8	1150.9	-48.4
Kamphaeng Phet	26.2	0.5	5.2	-44.9	1169.3	-105.4
Over the area	24.8	0.6	2.7	-31.4 -92%	1189.2	-20.5 -2%

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	25.0	0.8	18.1	6.2	1842.0	307.7
Loei	23.7	0.4	5.6	-12.8	1347.8	115.8
Udon Thani	24.9	0.2	0.3	-7.5	1513.9	128.1
Nakhon Phanom	24.9	0.9	0.0	-8.8	2234.5	-16.5
Sakon Nakhon	24.5	0.4	0.5	-5.9	1424.2	-169.4
Mukdahan	24.6	0.4	6.4	-3.5	1212.0	-292.4
Khon Kaen	25.4	0.8	0.4	-14.5	1039.9	-164.3
Kosum Phisai	25.8	0.7	1.5	-12.6	1328.7	114.5
Roi Et	25.3	0.8	0.3	-11.8	1305.2	-38.0
Chaiyaphum	25.8	0.6	45.5	29.2	1502.1	389.4
Ubon Ratchathani	25.7	0.8	0.3	-22.4	1976.2	396.1
Tha Tum	25.3	0.1	1.6	-16.5	1438.6	49.6
Surin	25.5	0.6	36.7	10.3	1534.8	184.2
Nakhon Ratchasima	25.8	0.9	1.2	-25.8	1210.9	179.2
Chok Chai	25.2	0.4	2.4	-33.1	1014.6	-80.2
Nang Rong	24.9	-0.1	9.4	-27.4	1196.8	10.9
Over the area	25.1	0.5	8.1	-9.8 -55%	1445.1	69.5 5%

- 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  
November 2009

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	26.4	0.1	2.4	-28.1	1415.4	342.9
Bua Chum	25.8	0.3	2.3	-14.9	945.1	-137.2
Lop Buri	27.2	0.4	2.8	-32.1	1206.3	86.9
Suphan Buri	27.3	0.9	1.3	-40.9	654.2	-396.4
Thong Pha Phum	25.8	0.8	3.8	-20.9	1969.6	209.0
Kanchanaburi	26.8	0.7	4.6	-58.1	1329.2	280.1
Bangkok Airport	27.3	0.1	51.5	15.5	2013.2	788.8
Bangkok Metropolis	28.1	1.0	46.5	0.5	2264.7	726.5
Over the area	26.8	0.5	14.4	-22.4 -61%	1474.7	237.5 19%

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	27.6	0.4	5.7	-29.4	1676.3	-195.1
Kabin Buri	26.3	-0.3	4.6	-26.8	1370.0	-276.3
Aranyaprathet	27.0	0.9	43.8	-3.3	1351.2	-21.6
Chon Buri	27.8	0.9	50.1	-8.1	1545.1	251.0
Ko Sichang	27.3	0.4	24.5	-38.7	1084.7	-162.0
Pattaya	27.0	0.5	46.2	-37.5	1039.9	-77.5
Sattahip	26.8	0.2	0.7	-86.9	1143.4	-134.0
Rayong	27.1	0.0	13.2	-53.3	1526.1	129.4
Chanthaburi	27.1	0.6	0.5	-54.9	3099.1	255.2
Khlong Yai	27.8	0.5	15.7	-69.2	6009.8	1292.9
Over the area	27.2	0.4	20.5	-40.8 -67%	1984.6	106.1 6%

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Monthly Current Report  
Rainfall and Accumulative Rainfall  
November 2009

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	27.0	0.3	31.9	-91.1	871.3	-105.0
Hua Hin	27.4	1.0	13.9	-133.5	725.9	-227.4
Prachuap Khiri Khan	27.1	0.9	17.6	-182.3	791.5	-298.9
Chumphon	26.8	0.9	172.9	-161.3	1506.0	-271.6
Surat Thani	26.8	0.8	152.5	-149.6	1340.9	-44.1
Ko Samui	27.6	1.0	355.4	-135.0	1214.3	-520.9
Nakhon Si Thammarat	26.9	0.9	486.8	-137.9	1928.5	-51.8
Songkhla	27.3	0.5	857.0	289.7	2009.0	434.4
Hat Yai Airport	26.3	0.5	862.6	544.5	1781.5	366.3
Pattani Airport	26.9	0.8	541.4	103.6	1484.0	4.7
Narathiwat	26.3	0.1	815.8	206.1	2654.6	729.0
Over the area	26.9	0.7	391.6	13.9 4%	1482.5	1.3 0%

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	27.1	1.0	74.3	-99.6	4390.1	306.4
Takua Pa	27.0	0.6	112.5	-162.6	3848.8	266.1
Phuket	28.4	1.0	146.8	-27.0	2372.7	160.9
Phuket Airport	27.6	1.0	122.4	-93.6	2581.8	150.9
Ko Lanta	27.4	0.4	78.5	-82.2	1659.0	-476.1
Trang Airport	26.7	0.6	303.3	97.0	2098.0	12.1
Satun	27.0	0.2	439.3	226.5	2568.4	370.4
Over the area	27.3	0.7	182.4	-20.3 -10%	2788.4	113.0 4%

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