

## Monthly Weather Summary in Thailand January 2010

The weather condition during this month was dominated by the continuation of high pressure area from China. It caused generally cool weather, particularly during mid-January that temperature generally decreased and cold weather was in several areas of northern and northeastern parts with cold and very cold in the mountainous areas and mountain top. Besides, the weak northeast monsoon prevailed over Thailand mainly in the northeastern part for a short period, the southeasterly wind prevailed over upper Thailand during the early and late month. Moreover, due to the tropical depression located in lower Vietnam was the dominant influence during 19<sup>th</sup> – 20<sup>th</sup>, these was an occasional rainfall in upper Thailand, while those over southern occurred almost the month. Monthly rainfall was above normal in every parts i.e. northern part 19.8 mm (336%), northeastern part 34.3 mm (837%), central 36.3 mm (585%), eastern part 28.4 mm (193%), southern part (east coast) 15.8 mm (26%) and southern part (west coast) 49.0 mm (214%). Mean temperatures of January were above normal in general.

**1 – 8 January:** Cool weather was in the northern and northeastern parts with cold in several areas in upper north, while central, eastern and upper southern parts experienced cool weather mainly during the first half of the period. The minimum temperature of the period was 10.8 °C, at Amphoe Muang in Chiang Rai province on January 5 and temperature in the area of mountain top climbed down to 2.0 °C at Doi Angkhang, Amphoe Fang in Chiang Mai province on January 3. In addition, there was scattered to fairly widespread rain with isolated heavy rainfall during late period. Widely scattered to scattered rain and isolated heavy to very heavy rainfall were in central and eastern parts during the second half of the period. The heaviest daily rainfall of 127.0 mm was measured at The War Veterans Organization Khet Ratchathewi in Bangkok on January 6. For southern Thailand, scattered to fairly widespread rain was observed with heavy to very heavy rainfall in some areas. The heaviest daily rainfall of 92.0 mm was measured at Amphoe Prom Kiri in Nakhon Si Thammarati province on January 4.

**9 – 22 January:** Under the influenced of a ridge of high pressure, the weather remained cool in major area of Thailand, especially in northern and northeastern parts. The lowest minimum temperature was 10.1 °C at Umphang in Tak province on January 19 and it dropped to 5.0 °C over the area of mountain top at Doi Intanon, Amphoe Fang in Chiang Mai province on January 11 and Phu Kradung Nation Park, Loei province on January 19. Affected by the tropical depression in the lower Vietnam on 20<sup>th</sup> and the westerly trough over upper Thailand, it brought unseasonal rain into Thailand during the end of the period. The maximum daily rainfall in upper Thailand was 87.5 mm at Phu Khieo in Chaiyaphum province on January 22. Southern Thailand obtained isolated to widely scattered and heavy rainfall in some areas mainly during the first half of the period. The heaviest daily rainfall of 36.2 mm was measured at Amphoe Muang in Nakhon Si Thammarat province on January 9.

**23 – 31 January:** The northern and northeastern parts were experienced generally cool weather, cold weather in several places during the end of the period especially in upper northern part. Cool weather was observed in several areas of central, eastern and southern parts. The minimum temperature of the period was 11.2 °C, at Amphoe Muang in Chiang Rai province on January 30 and temperature in the area of mountaintop climbed down to 3.5 °C at Doi Angkhang, Amphoe Fang in Chiang Mai province on the second day. During this period, Thailand received isolated to widely scattered rain with heavy rainfall in some areas mainly during the first half of the period. The heaviest daily rainfall in upper Thailand of 66.2 mm was measured at Wang Saphung in Loei province on January 23 while the southern's daily value of 90.8 mm at Yi-Ngo in Narathiwat province on January 26 was found as the highest in this period.

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**Note :** Rainfall, temperatures and natural disasters in this report were updated up to February 10, 2010.

Climatological Center  
Meteorological Development Bureau  
Meteorological Department

Monthly Current Report  
Rainfall and Accumulative Rainfall  
January 2010

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	21.9	2.8	0.2	-11.0	0.2	-11.0
Mae Hong Son	22.6	2.5	24.3	16.6	24.3	16.6
Phayao	22.4	1.7	40.5	35.5	40.5	35.5
Chiang Mai	24.2	3.3	21.7	14.0	21.7	14.0
Tha Wang Pha	22.8	2.2	34.2	25.1	34.2	25.1
Nan	24.0	3.2	20.9	13.6	20.9	13.6
Lamphun	23.9	2.3	14.1	11.7	14.1	11.7
Lampang	24.8	3.3	24.1	18.5	24.1	18.5
Mae Sariang	22.8	2.5	13.0	6.0	13.0	6.0
Phrae	24.5	2.6	32.6	26.3	32.6	26.3
Uttaradit	26.0	2.2	12.5	5.1	12.5	5.1
Bhumibol Dam	24.9	1.2	55.5	51.1	55.5	51.1
Tak	25.9	2.3	37.9	33.7	37.9	33.7
Mae Sot	24.9	3.0	11.5	9.2	11.5	9.2
Umphang	22.7	2.7	35.1	27.6	35.1	27.6
Phitsanulok	26.0	1.5	24.9	19.8	24.9	19.8
Lom Sak	25.4	1.0	49.3	44.9	49.3	44.9
Phetchabun	25.5	1.6	30.5	24.9	30.5	24.9
Wichian Buri	26.0	0.6	14.0	7.1	14.0	7.1
Kamphaeng Phet	26.3	1.7	16.7	14.9	16.7	14.9
Over the area	24.4	2.2	25.7	19.8 336%	25.7	19.8 336%

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	24.4	2.2	71.3	64.4	71.3	64.4
Loei	23.7	2.2	31.2	25.3	31.2	25.3
Udon Thani	24.4	1.8	46.0	40.8	46.0	40.8
Nakhon Phanom	23.8	1.9	19.1	15.6	19.1	15.6
Sakon Nakhon	23.8	1.7	54.9	50.8	54.9	50.8
Mukdahan	24.3	1.9	7.5	2.9	7.5	2.9
Khon Kaen	25.0	1.9	70.4	68.3	70.4	68.3
Kosum Phisai	25.4	1.7	28.5	26.5	28.5	26.5
Roi Et	25.0	2.0	19.7	15.2	19.7	15.2
Chaiyaphum	25.6	1.6	40.5	37.2	40.5	37.2
Ubon Ratchathani	25.6	1.8	22.5	21.3	22.5	21.3
Tha Tum	25.0	0.8	27.1	25.5	27.1	25.5
Surin	25.7	1.7	13.0	8.2	13.0	8.2
Nakhon Ratchasima	25.7	1.8	62.2	56.3	62.2	56.3
Chok Chai	25.3	0.8	49.0	45.1	49.0	45.1
Nang Rong	24.7	0.2	50.9	44.5	50.9	44.5
Over the area	24.8	1.6	38.4	34.3 837%	38.4	34.3 837%

- 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 late
  - 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 2010

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	26.3	0.8	26.0	20.6	26.0	20.6
Bua Chum	25.8	0.6	65.4	60.6	65.4	60.6
Lop Buri	27.3	1.1	6.0	1.3	6.0	1.3
Suphan Buri	27.0	1.6	0.8	-5.7	0.8	-5.7
Thong Pha Phum	26.6	1.8	12.5	7.2	12.5	7.2
Kanchanaburi	27.5	1.9	0.0	-5.2	0.0	-5.2
Bangkok Airport	27.2	0.9	129.3	120.4	129.3	120.4
Bangkok Metropolis	27.8	1.4	99.9	90.8	99.9	90.8
Over the area	26.9	1.2	42.5	36.3 585%	42.5	36.3 585%

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	27.4	0.8	36.5	28.8	36.5	28.8
Kabin Buri	26.5	0.0	55.4	48.5	55.4	48.5
Aranyaprathet	27.4	1.8	1.7	-4.9	1.7	-4.9
Chon Buri	27.5	1.2	45.5	34.6	45.5	34.6
Ko Sichang	27.5	1.2	9.1	0.7	9.1	0.7
Pattaya	27.1	0.9	38.5	24.6	38.5	24.6
Sattahip	26.8	0.9	103.1	80.8	103.1	80.8
Rayong	27.0	0.9	63.7	44.1	63.7	44.1
Chanthaburi	27.2	1.3	30.2	17.8	30.2	17.8
Khlong Yai	27.3	0.9	47.5	9.2	47.5	9.2
Over the area	27.2	1.0	43.1	28.4 193%	43.1	28.4 193%

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Southern Thailand, east coas

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	27.1	1.4	79.9	71.2	79.9	71.2
Hua Hin	27.3	1.7	24.9	15.4	24.9	15.4
Prachuap Khiri Khan	27.1	2.2	20.4	-6.6	20.4	-6.6
Chumphon	26.7	1.3	87.4	12.7	87.4	12.7
Surat Thani	26.5	0.5	52.9	19.2	52.9	19.2
Ko Samui	27.7	1.1	94.2	-36.4	94.2	-36.4
Nakhon Si Thammarat	26.6	0.9	175.4	28.5	175.4	28.5
Songkhla	27.6	0.4	68.3	13.7	68.3	13.7
Hat Yai Airport	26.6	0.8	60.1	11.9	60.1	11.9
Pattani Airport	27.0	1.2	39.4	-8.5	39.4	-8.5
Narathiwat	26.5	0.4	130.8	52.4	130.8	52.4
Over the area	27.0	1.1	75.8	15.8 26%	75.8	15.8 26%

Southern Thailand, west coas

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	27.3	1.1	30.7	18.5	30.7	18.5
Takua Pa	26.9	0.6	84.9	49.7	84.9	49.7
Phuket	28.6	0.7	117.7	96.0	117.7	96.0
Phuket Airport	27.8	1.1	75.1	39.2	75.1	39.2
Ko Lanta	28.1	0.5	47.8	40.5	47.8	40.5
Trang Airport	27.5	1.0	45.9	10.0	45.9	10.0
Satun	28.0	0.6	101.5	89.2	101.5	89.2
Over the area	27.7	0.8	71.9	49.0 214%	71.9	49.0 214%

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