

Monthly Weather Summary in Thailand October 2009

The weather started with the active low pressure cell which was the remnant of the tropical depression “Ketsana” moved to cover Surin, Buri Ram, Sara Buri, Lop Buri and Kanchanaburi provinces before heading the Andaman Sea on October 3. In addition, low pressure cell covering Cambodia moved to cover the upper of the Gulf of Thailand and central part on October 12-13 together with the southwest monsoon prevailed over the Andaman Sea and Thailand almost the month. During late month, high pressure area from China extended its ridge to cover northern and northeastern parts induced the low pressure trough to shift southward to lie across the Southern part and the Gulf of Thailand. These conditions brought abundant rainfall in upper Thailand in early and mid-month. At the end of the month, rainfall and temperature was relative decreasing with cool weather was found in many places of the northern and northeastern parts, while Southern Thailand experienced abundant rainfall in almost of the month. Monthly rainfall was below normal in almost areas i.e. northeastern part 48.2 mm (43%) eastern part 9.1 mm (4%) southern part(east coast) 115.4 mm (46%) and southern part (west coast) 30.4 mm (8%) while it was inversely above normal in northern part 14.9 mm (12%) and central part 23.2 mm (13%). Mean temperatures were above normal in almost of areas.

1 – 10 October: During this period, northern and northeastern parts received scattered to fairly widespread rain and heavy to very heavy rainfall in some areas during the first half of the period. Then isolated to widely scattered rain and isolated heavy rainfall. Central, eastern and southern parts experienced scattered to fairly widespread rain and heavy to very heavy rainfall in some areas. The maximum daily rainfall in upper Thailand was 183.5 mm at Phu Luang Wildlife Sanctuary in Loei province on October 1 while the southern part was 81.0 mm at Amphoe Chian Yai in Nakhon Si Thammarat province on October 2. Flash floods were reported at Chiang Mai, Lampang, Lamphun, Tak, Phetchabun, Nakhon Ratchasima, Chai Nat, Ang-Thong, Ayuthaya, Sing Buri, Trat and Chumphon province.

11 – 20 October: Thailand received scattered to fairly widespread rain and heavy to very heavy rainfall in some areas, except for widely scattered to scattered rain with isolated heavy rainfall in the northeastern part. The maximum daily rainfall in upper Thailand was 195.0 mm at Construction and Maintenance Khet Prawet in Bangkok province on October 13. Flash floods at Mae Hong Son Kanchanaburi Bangkok and Pathumthani provinces while that of 80.8 mm was found as the highest in southern part at Amphoe Pran Buri in Prachuap Khirikhan province on October 11.

21 – 31 October: Cool weather was observed in the morning in several areas of northern and northeastern parts with the lowest temperature of 18.4 °c at Amphoe Thung Chang in Nan province on October 31. Northern and northeastern parts received scattered to fairly widespread rain with heavy to very heavy rainfall in some areas during the first half of the period and then isolated rain. Central and eastern parts experienced scattered to fairly widespread rain and heavy to very heavy rainfall in some areas during the beginning and middle of the period. After that isolated rain were reported. The maximum daily rainfall of 123.3 mm was recorded in upper Thailand at Bangkok Airport in Bangkok province on October 22. For southern part, scattered to fairly widespread rain in almost period and isolated heavy to very heavy rainfall were reported. The highest rainfall amount was 145.0 mm at Amphoe Bang Kaew in Phatthalung province on October 28.

Note : Rainfall, temperatures and natural disasters in this report was updated up to November 13, 2009.

Climatological Center
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
October 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	26.4	1.7	77.0	-53.7	1625.0	-2.1
Mae Hong Son	27.4	1.3	75.6	-31.3	841.5	-381.3
Phayao	26.0	0.7	73.7	-42.8	846.0	-197.9
Chiang Mai	27.4	1.5	223.4	106.8	1062.7	-1.8
Tha Wang Pha	26.8	1.2	87.5	5.9	1121.0	-240.6
Nan	27.5	1.4	89.3	10.8	1095.3	-114.7
Lamphun	26.9	0.9	60.2	-50.3	730.6	-176.5
Lampang	27.3	1.4	92.1	-14.3	976.9	-41.2
Mae Sariang	27.0	0.8	252.1	145.3	1573.1	463.1
Phrae	27.4	1.1	70.9	-19.1	1149.3	96.5
Uttaradit	28.5	1.0	143.0	26.6	1181.3	-195.0
Bhumibol Dam	27.2	0.7	263.5	58.0	1493.6	514.6
Tak	27.8	1.3	266.1	62.2	1003.8	16.0
Mae Sot	26.8	0.9	87.0	-11.8	1734.2	367.8
Umphang	24.8	1.1	247.9	89.0	1618.1	220.7
Phitsanulok	28.3	0.6	180.8	21.5	1346.8	51.1
Lom Sak	27.5	0.9	54.7	-24.3	1007.7	-17.3
Phetchabun	27.5	0.8	55.9	-31.0	1023.4	-38.6
Wichian Buri	28.2	0.7	207.5	89.5	1135.1	-47.6
Kamphaeng Phet	28.0	0.9	151.8	-38.7	1164.1	-60.5
Over the area	27.2	1.0	138.0	14.9 12%	1186.5	10.9 1%

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	28.2	1.7	27.9	-53.9	1823.9	301.5
Loei	26.7	1.3	99.0	-16.5	1342.2	128.6
Udon Thani	28.0	1.2	17.3	-63.4	1513.6	135.6
Nakhon Phanom	27.4	1.3	52.2	-29.5	2234.5	-7.7
Sakon Nakhon	27.4	1.1	21.4	-51.8	1423.7	-163.5
Mukdahan	27.4	1.1	16.1	-78.0	1205.6	-288.9
Khon Kaen	27.5	1.1	37.7	-71.1	1039.5	-149.8
Kosum Phisai	28.4	1.6	65.8	-45.9	1327.2	127.1
Roi Et	27.7	1.2	82.4	-15.1	1304.9	-26.2
Chaiyaphum	27.9	1.1	125.1	-7.1	1456.6	360.2
Ubon Ratchathani	27.5	1.0	38.8	-69.2	1975.9	418.5
Tha Tum	27.7	0.9	40.5	-87.7	1437.0	66.1
Surin	27.6	1.0	74.5	-60.2	1498.1	173.9
Nakhon Ratchasima	27.8	1.4	107.4	-33.8	1209.7	205.0
Chok Chai	27.5	1.2	141.2	-16.1	1012.2	-47.1
Nang Rong	27.2	0.8	61.8	-72.0	1187.4	38.3
Over the area	27.6	1.2	63.1	-48.2 -43%	1437.0	79.3 6%

- 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.

Monthly Current Report
Rainfall and Accumulative Rainfall
October 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	28.2	0.6	208.2	75.6	1413.0	371.0
Bua Chum	27.8	0.8	143.0	24.1	942.8	-122.3
Lop Buri	28.2	0.5	181.8	30.7	1203.5	119.0
Suphan Buri	28.7	0.9	235.2	25.9	652.9	-355.5
Thong Pha Phum	27.3	0.9	154.1	-22.4	1965.8	229.9
Kanchanaburi	28.2	1.0	191.0	-18.3	1324.6	338.2
Bangkok Airport	28.1	0.2	253.8	75.2	1961.7	773.3
Bangkok Metropolis	28.5	0.7	264.2	-4.7	2218.2	726.0
Over the area	28.1	0.7	203.9	23.2 13%	1460.3	259.9 22%

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	28.4	0.5	107.9	-56.0	1670.6	-165.7
Kabin Buri	27.7	0.3	123.7	-26.7	1365.4	-249.5
Aranyaprathet	28.1	0.9	202.4	31.9	1307.4	-18.3
Chon Buri	28.3	0.7	158.9	-51.1	1495.0	259.1
Ko Sichang	27.6	0.1	190.0	-45.6	1060.2	-123.3
Pattaya	27.2	0.3	251.4	10.6	993.7	-40.0
Sattahip	27.3	0.2	191.2	-82.1	1142.7	-47.1
Rayong	27.3	-0.2	237.9	34.0	1512.9	182.7
Chanthaburi	27.1	0.4	307.7	30.1	3098.6	310.1
Khlong Yai	26.7	-0.2	421.7	64.2	5994.1	1362.1
Over the area	27.6	0.3	219.3	-9.1 -4%	1964.1	146.9 8%

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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	28.2	0.6	240.2	-32.2	839.4	-13.9
Hua Hin	27.9	0.7	73.8	-157.0	712.0	-93.9
Prachuap Khiri Khan	27.7	0.9	105.4	-125.9	773.9	-116.6
Chumphon	27.1	0.6	122.3	-128.5	1333.1	-110.3
Surat Thani	26.9	0.6	195.0	-49.3	1188.4	105.5
Ko Samui	28.1	1.0	60.6	-242.9	858.9	-385.9
Nakhon Si Thammarat	27.2	0.6	96.2	-225.9	1441.7	86.1
Songkhla	27.9	0.4	224.3	-27.9	1152.0	144.7
Hat Yai Airport	26.8	0.4	137.1	-74.3	918.9	-178.2
Pattani Airport	27.5	0.8	73.7	-125.3	942.6	-98.9
Narathiwat	26.8	-0.2	177.3	-80.7	1838.8	522.9
Over the area	27.5	0.6	136.9	-115.4 -46%	1090.9	-12.6 -1%

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	26.5	0.3	360.2	-54.1	4315.8	406.0
Takua Pa	26.4	0.0	510.4	4.1	3736.3	428.7
Phuket	28.0	0.7	314.7	9.7	2225.9	187.9
Phuket Airport	27.5	0.7	291.2	-56.3	2459.4	244.5
Ko Lanta	28.0	0.8	178.4	-147.9	1580.5	-393.9
Trang Airport	26.9	0.6	338.8	56.5	1794.7	-84.9
Satun	27.2	0.5	297.5	-24.9	2129.1	143.9
Over the area	27.2	0.5	327.3	-30.4 -8%	2606.0	133.3 5%

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