

Monthly Weather Summary in Thailand November 2013

High pressure area from China periodically extended to cover upper Thailand causing cool weather in the northern and northeastern parts almost the whole month and cold weather in the mountainous area and mountain top while cool weather was present some rest areas. Mean monthly temperatures were higher than normal especially in the northern and northeastern parts where exceed 1°C . Moreover, the rainfall was occasionally observed in upper Thailand mainly in the areas of central and eastern parts. Due to the northeast monsoon, the active low pressure cell covering the Gulf of Thailand and upper southern Thailand during early and mid-month as well as covering the lower southern part during late month, southern Thailand received plentiful of rain with consecutive very heavy rainfall which induced flash flooding in several places. Monthly rainfall was above normal in most parts of Thailand i.e. northern part 3.1 mm (9%), central 23.4 mm (63%), eastern 43.2 mm (81%), southern part (east coast) 145.8 mm (41%) and southern part (west coast) 47.5 mm (25%) except for that in northeastern part was below normal 12.9 mm (66%).

1 – 10 November: The ridge of high pressure area from China extending to cover upper Thailand couple with the active low pressure cell covering upper southern part during November 7-8 and typhoon “HAIYAN” (1330) moving over the Gulf of Tonkin on the last day of the period. These caused cool weather nearly the whole areas of the northern and northeastern parts and cold weather in some areas. The minimum temperature of 14.5°C was recorded at Thung Chang in Nan province on November 5 and it dropped to 6.7°C at Doi Inthanon, Amphoe Chom Thong in Chiang Mai province on the same day. For Rainfall, scanty rainfall was observed in upper Thailand except for the northeastern, central and eastern part where obtained scattered to widely scattered rainfall with heavy rainfall in some areas during November 6-8. The maximum daily rainfall of 79.0 mm at Agrometeorological station in Ratchaburi province on November 8. In southern part, rainfall was mainly observed during the second half of the period with heavy to very heavy rainfall in the upper portion. The highest amount of rainfall was 139.6 mm at Amphoe Muang in Phetchaburi province on November 8. Flash flooding occurred at Phetchaburi and Prachuap Khiri Khant provinces on November 8 and at Kanchanaburi province on the following day.

11 – 20 November: The another ridge of high pressure area extending to cover upper Thailand during the second half of the period brought cool weather to the northern part almost the period as well as the northeastern part mainly during the middle and the end of the period. The lowest minimum temperature was 16.1°C at Agrometeorological station in Nakhon Phanom province on November 20 and 9.7°C over the area of mountaintop at Doi Inthanon in Chiang Mai on November 11. Moreover, with the influence of typhoon “HAIYAN” (1330) making landfall between the upper Vietnam and southern China on November 11, the remnant of tropical storm “PODUL” (1331) covering the eastern and upper southern part during mid-period and the active low pressure cell dominating the coastal of Malaysia during late period as well as the rather active northeast monsoon prevailing over southern Thailand and the Gulf of Thailand, upper Thailand received unseasonable rainfall especially in the northern part that obtained

scattered rain with heavy rainfall in many places during late period with the maximum daily rainfall of 80.0 mm at Santi Suk in Nan province on November 14. In southern part, abundant rainfall was observed especially along the east coast during the second half of the period. The highest daily rainfall was 186.0 mm at Sai Buri in Pattani province on November 20.

21 – 30 November: The persistence of active low pressure cell covering the coastal Malaysia and lower portion of southern Thailand during early period coupled with the another rather active high pressure area extending to cover upper Thailand as well as the northeast monsoon was strengthen during late period. These caused cool weather remained in the northern and northeastern parts with cold weather in some areas of the northeastern part during late period. The lowest temperature 7.7 °C was measured at Phu Rua National Park in Loei province on November 21 and 13.0 °C was recorded at Agrometeorological Station in Nakhon Phanom province on November 30. For rainfall, upper Thailand experienced unusual rainfall mainly during mid-period, the highest daily rainfall of 95.7 mm was found at Suwan Plabpla Pittayakom School, Khet Taling Chan in Bangkok Metropolis on November 26. In southern part, abundant rainfall was observed mainly during early period where widespread rain with heavy to very heavy rainfall occurred in several places which induced flash flooding at Chumphon, Songkhla, Pattani, Yala , Trang and Satun provinces on November 21 and at Surat Thani, Nakhon Si Thammarat, Songkhla and Phattalung provinces on November 22 and at Prachuap Khiri Khan province on November 23 and huge wave occurred at Phuket and Krabi provinces on November 23. The maximum daily rainfall was 328.3 mm at Ranot in Songkhla province on November 21.

Note : Rainfall, temperatures and natural disasters in this report was updated up to December 3, 2013.

Climatological Center
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
November 2013

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	24.0	1.8	79.5	20.3	2032.2	355.7
Mae Hong Son	25.6	1.6	7.4	-37.5	1193.7	-88.3
Phayao	24.3	1.6	141.1	103.8	1152.1	26.0
Chiang Mai	26.4	2.4	85.4	31.5	1261.2	146.5
Tha Wang Pha	25.3	2.2	13.2	-14.4	1358.9	-38.2
Nan	25.9	2.0	37.4	19.3	1031.0	-194.5
Lamphun	25.5	1.6	113.6	69.5	1125.6	129.2
Lampang	25.6	1.4	10.8	-18.7	1094.5	56.0
Mae Sariang	25.9	2.0	56.0	33.9	972.0	-156.2
Phrae	25.9	1.5	10.0	-15.6	1106.5	-0.5
Uttaradit	27.3	1.4	4.8	-21.9	1337.9	-28.7
Bhumibol Dam	25.9	1.1	21.6	-23.2	813.0	-223.2
Tak	26.4	1.2	21.6	-33.0	1134.1	78.1
Mae Sot	26.3	1.9	0.0	-23.7	1645.6	183.9
Umphang	23.4	1.4	10.2	-15.0	1753.7	297.5
Phitsanulok	27.3	0.8	32.6	-0.8	1451.0	145.1
Lom Sak	26.7	1.3	0.0	-13.9	947.0	-91.6
Phetchabun	26.9	1.5	19.9	8.3	1361.1	235.5
Wichian Buri	27.3	1.0	40.5	20.2	1348.1	131.8
Kamphaeng Phet	27.0	1.1	13.6	-28.4	1524.2	226.3
Over the area	25.9	1.5	36.0	3.1 9%	1282.2	59.5 5%

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	26.4	1.8	0.0	-15.2	1465.3	-138.6
Loei	25.2	1.6	5.2	-14.8	1522.3	290.1
Udon Thani	26.1	1.2	0.0	-10.3	1294.5	-121.0
Nakhon Phanom	25.5	1.1	0.3	-9.4	2035.0	-307.0
Sakon Nakhon	25.4	1.0	0.4	-11.5	2010.6	371.2
Mukdahan	25.5	1.1	2.9	-10.4	1729.8	252.4
Khon Kaen	26.3	1.3	1.4	-14.5	910.9	-331.8
Kosum Phisai	26.7	1.4	4.6	-13.5	1196.3	-64.3
Roi Et	26.2	1.3	0.2	-15.0	1599.1	259.2
Chaiyaphum	26.9	1.3	0.0	-19.0	1271.2	138.1
Ubon Ratchathani	26.3	0.9	5.4	-17.2	1685.9	105.2
Tha Tum	27.2	1.8	1.6	-19.4	1274.5	-112.4
Surin	26.5	1.2	9.6	-19.1	1581.0	150.7
Nakhon Ratchasima	26.5	1.1	29.3	5.4	1305.7	236.9
Chok Chai	26.1	1.0	25.2	-4.2	1405.9	334.3
Nang Rong	25.7	0.7	19.3	-17.9	1287.9	97.4
Over the area	26.2	1.3	6.6	-12.9 -66%	1473.5	72.5 5%

- NOTES :
- 1) Mean temperature is the average of daily dry-bulb temperatur
 - 2) "T" is trace, rainfall amount less than 0.1 mm.
 - 3) "blank" is incomplete data
 - 4) Temperature and rainfall are preliminary data

Monthly Current Report
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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	27.7	1.2	15.6	-11.8	1050.8	-94.3
Bua Chum	26.8	1.1	3.0	-19.1	1543.9	461.1
Lop Buri	28.0	0.9	16.3	-16.8	1125.5	4.9
Suphan Buri	27.7	0.9	168.1	124.0	1048.8	80.1
Thong Pha Phum	26.2	0.9	38.3	12.7	1936.6	154.8
Kanchanaburi	27.1	0.7	118.8	60.2	1088.9	38.7
Bangkok Airport	29.2	1.5	44.7	7.7	1429.6	60.8
Bangkok Metropolis	28.4	0.6	79.9	30.4	1771.3	129.4
Over the area	27.6	0.9	60.6	23.4 63%	1374.4	104.4 8%

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	28.3	0.9	17.9	-13.8	2122.0	303.7
Kabin Buri	27.0	0.3	48.7	19.6	1808.1	215.2
Aranyaprathet	27.4	0.7	86.3	50.8	1799.6	459.6
Chon Buri	28.5	0.9	63.3	14.5	1751.9	461.8
Ko Sichang	27.6	0.4	136.8	76.2	1600.6	390.2
Pattaya	27.2	0.5	107.8	35.7	1216.4	114.0
Sattahip	27.1	0.2	225.6	149.5	-	-
Rayong	27.4	0.2	69.1	18.3	1732.4	355.1
Chanthaburi	27.6	0.7	72.1	17.6	3708.5	721.1
Khlong Yai	28.0	0.7	137.3	63.7	5092.6	268.1
Over the area	27.6	0.5	96.5	43.2 81%	2314.7	434.6 23%

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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	0.8	234.7	140.9	1137.8	162.1
Hua Hin	27.6	0.7	207.0	105.8	1112.5	165.3
Prachuap Khiri Khar	27.1	0.5	318.8	164.3	1418.5	341.7
Chumphon	26.7	0.7	495.2	207.3	1923.2	173.8
Surat Thani	26.5	0.6	515.6	185.7	1585.9	93.3
Ko Samui	27.6	0.8	399.9	-106.7	1478.3	-271.5
Nakhon Si Thammarat	26.5	0.4	1050.9	419.7	2526.4	481.6
Songkhla	27.3	0.4	757.7	211.8	2208.9	586.9
Hat Yai Airport	26.4	0.4	501.6	184.5	1739.5	280.9
Pattani Airport	26.9	0.6	351.7	-54.9	1442.2	-44.6
Narathiwat	26.7	0.4	699.4	144.5	2428.1	533.0
Over the area	27.0	0.6	503.0	145.8 41%	1727.4	227.4 15%

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	26.8	0.3	277.4	125.1	4493.0	470.1
Takua Pa	26.9	0.4	97.9	-143.0	4765.9	1170.0
Phuket	27.8	0.2	263.8	86.4	2579.0	431.9
Phuket Airport	27.3	0.4	273.3	65.5	2942.8	535.2
Ko Lanta	27.2	0.1	256.0	108.9	2737.0	616.0
Trang Airport	26.9	0.5	377.2	173.3	2318.4	295.3
Satun	27.4	0.5	140.2	-83.7	2155.3	-37.7
Over the area	27.2	0.4	240.8	47.5 25%	3141.6	497.3 19%

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