

Monthly Weather Summary in Thailand October 2014

During the first half of the month, monsoon trough lay across lower central, upper southern and eastern parts addition with high pressure area from China occasionally extended its ridge to cover northern and northeastern parts of Thailand since the beginning of the month. Moreover, sometime during the second half of the month, the westerly trough moved to cover northern and northeastern parts and the easterly wave moved to cover the southern part and Gulf of Thailand. These conditions caused decreasing in temperature and rainfall in northern and northeastern parts particularly during middle of the month, abundant rainfall was also observed in central, eastern and southern parts almost the month.

October rainfall was below normal i.e. northern part 29.9 mm (24%) northeastern part 37.1 mm (32%) and central part 52.3 mm (28%) while it was above normal in eastern part 52.0 mm (23%) southern part (east coast) 18.7 mm (7%) and southern part (west coast) 61.9 mm (17%). Mean temperatures were slightly above normal nearly the whole country.

1 – 10 October: The monsoon trough lay across lower central, upper southern and eastern parts almost the whole period. In addition, the rather active high pressure area from China extended its ridge to cover northern and northeastern parts of Thailand during middle period and weakened at a later time. Under these influences, northern and northeastern parts experienced isolated to widely scattered rain with heavy rainfall in some areas except for fairly widespread rain with heavy to very heavy rainfall in some areas on October 5-6, temperature also decreased with cool weather in upper portion during the second half of the period. Besides, central, eastern and southern parts obtained scattered to fairly widespread rain almost the whole areas with heavy to very heavy rainfall in some areas. The maximum daily rainfall in upper Thailand was 148.7 mm at Amphoe Mueang in Rayong province on October 7 while that 172.1 mm was found as the highest in southern part at Amphoe Mueang in Ranong on October 4. Flash floods were reported at Phetchaburi, Prachuap Khirikhan, Surat Thani and Krabi provinces during late period

11 – 20 October: During the first half of the period, the another rather active high pressure area from China extended its ridge to cover northern and northeastern parts of Thailand, causing temperature decreasing in northern and northeastern parts especially during middle period. The lowest temperature of 17.0 °c occurred at Umphang in Tak province on October 16 and dropped to 8.5 °c at Doi Intanon in Chiang Mai province on October 17. Moreover, the easterly wave moved to cover upper southern part during late period, bringing widely scattered to scattered rain with isolated heavy rainfall to upper Thailand at that time. The heaviest daily rainfall of 54.9 mm was measured at Amphoe Mueang in Surin province on October 19. The southern part obtained fairly widespread rain with heavy to very heavy rainfall in some areas. The maximum daily rainfall of 135.2 mm was measured at Kho Hong Agrometeorological station in Songkhla province on October 15.

21 – 31 October: The moderate high pressure area from China extended its ridge to cover northern and northeastern parts of Thailand during the first half of the period then weakened. In addition, the westerly trough moved through the northern and northeastern parts and the easterly wave moved to cover the southern part and upper Gulf of Thailand almost the whole period. These conditions caused morning cool weather persisted in the upper northern part and temperature increased nationwide. The lowest temperature of 17.5 °c occurred at Amphoe Mueang in Phayao province on October 27 and 28. Moreover, Thailand received more rainfall mainly in central, eastern and southern parts as compare to the previous period. The highest daily rainfall in upper Thailand was 112.4 mm at Amphoe Mueang in Loei province on October 23 while that 98.0 mm was found as the highest in southern part at Amphoe Na Thawi in Songkhla province on October 29.

Note : Rainfall, temperatures and natural disasters were updated up to November 14, 2014

Climatological Center
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
October 2014

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	25.8	0.7	33.7	-91.2	1562.4	-54.9
Mae Hong Son	26.5	0.1	69.8	-44.7	987.2	-249.9
Phayao	25.8	0.5	140.3	17.7	1116.8	28.0
Chiang Mai	27.3	1.2	129.3	11.7	1058.9	-1.9
Tha Wang Pha	26.4	0.6	75.6	-7.8	1137.5	-232.0
Nan	26.7	0.3	24.5	-45.8	1063.1	-144.3
Lamphun	26.6	0.5	71.7	-38.4	761.0	-191.3
Lampang	26.5	0.2	78.3	-20.0	1081.9	72.9
Mae Sariang	26.2	0.1	92.2	-23.0	929.1	-177.0
Phrae	26.7	0.2	51.6	-37.2	1033.9	-47.5
Uttaradit	28.0	0.3	40.0	-71.0	1323.9	-16.0
Bhumibol Dam	26.8	0.4	107.2	-97.1	839.0	-152.4
Tak	27.1	0.3	199.8	0.6	879.8	-121.6
Mae Sot	26.6	0.5	52.3	-49.8	1002.9	-435.1
Umphang	24.5	0.6	148.2	-7.6	1143.7	-287.3
Phitsanulok	27.6	-0.2	233.9	71.4	1268.9	-3.6
Lom Sak	27.3	0.5	97.4	8.9	721.7	-303.0
Phetchabun	27.4	0.6	84.0	-6.4	1156.7	42.7
Wichian Buri	27.9	0.2	65.9	-65.7	1056.6	-139.4
Kamphaeng Phet	27.6	0.4	88.8	-102.9	1232.8	-23.1
Over the area	26.8	0.4	94.2	-29.9 -24%	1067.9	-121.9 -10%

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	28.1	1.4	15.0	-75.9	1571.9	-16.8
Loei	26.3	0.7	193.0	69.7	1041.9	-170.3
Udon Thani	27.8	0.9	21.9	-68.2	1361.4	-43.8
Nakhon Phanom	27.6	1.2	23.0	-74.0	2409.5	77.2
Sakon Nakhon	27.2	0.8	50.6	-26.3	1686.8	59.3
Mukdahan	27.7	1.4	9.5	-91.1	1439.1	-25.0
Khon Kaen	27.3	0.8	19.3	-98.4	966.0	-260.8
Kosum Phisai	27.7	0.6	24.3	-87.1	1491.2	248.7
Roi Et	27.6	0.9	86.5	-20.8	1438.6	113.9
Chaiyaphum	27.8	0.8	66.8	-70.2	781.0	-333.1
Ubon Ratchathani	27.7	0.9	80.1	-43.0	1896.8	338.7
Tha Tum	27.6	0.6	56.5	-69.8	1097.9	-268.0
Surin	27.3	0.6	163.5	35.3	1292.4	-109.2
Nakhon Ratchasima	27.5	0.8	56.1	-90.2	1034.4	-10.5
Chok Chai	27.2	0.6	203.6	39.3	875.1	-167.1
Nang Rong	26.8	0.3	209.5	75.6	1314.8	161.5
Over the area	27.5	0.9	80.0	-37.1 -32%	1356.2	-25.3 -2%

- NOTES :
- 1) Mean temperature is the average of daily dry-bulb temperature
 - 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
Rainfall and Accumulative Rainfall
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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	27.9	0.2	118.0	-35.4	1059.4	-58.3
Bua Chum	27.6	0.4	41.0	-86.3	840.7	-220.0
Lop Buri	28.0	0.2	87.4	-66.3	835.9	-251.6
Suphan Buri	28.3	0.3	138.0	-58.7	821.6	-103.0
Thong Pha Phum	26.8	0.2	182.0	9.7	1357.5	-398.7
Kanchanaburi	27.9	0.6	170.9	-38.3	756.1	-235.5
Bangkok Airport	28.2	0.0	123.4	-68.5	1181.1	-150.7
Bangkok Metropolis	28.4	0.3	217.9	-74.2	1076.9	-515.5
Over the area	27.9	0.3	134.8	-52.3 -28%	991.2	-241.6 -20%

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	0.3	223.0	62.1	1481.5	-305.1
Kabin Buri	27.4	-0.1	120.0	-34.5	1261.1	-302.7
Aranyaprathet	27.9	0.4	194.4	20.2	1408.9	104.4
Chon Buri	28.3	0.4	261.5	52.6	1070.8	-170.5
Ko Sichang	27.8	0.3	185.8	-21.3	866.7	-283.1
Pattaya	27.1	0.1	352.1	136.0	762.9	-267.4
Sattahip	27.3	0.0	443.3	183.5	977.5	-202.5
Rayong	27.4	-0.2	420.8	226.4	948.0	-378.5
Chanthaburi	27.5	0.5	278.7	-18.9	2733.9	-199.0
Khlong Yai	27.3	0.5	291.0	-86.4	5154.8	403.9
Over the area	27.6	0.2	277.1	52.0 23%	1666.6	-160.2 -9%

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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	28.0	0.3	389.9	111.5	829.1	-52.8
Hua Hin	27.8	0.4	259.5	13.3	500.7	-345.3
Prachuap Khiri Khan	27.5	0.4	260.9	33.1	708.1	-214.2
Chumphon	26.7	0.1	295.9	44.3	1292.5	-169.0
Surat Thani	26.6	0.2	171.3	-65.1	987.5	-175.2
Ko Samui	27.3	0.1	316.0	6.2	907.6	-335.6
Nakhon Si Thammarat	26.8	0.1	337.6	34.6	1260.6	-153.0
Songkhla	27.5	0.2	212.0	-45.1	918.6	-157.5
Hat Yai Airport	26.4	-0.1	217.2	-10.6	866.5	-275.0
Pattani Airport	27.1	0.2	259.4	43.2	1134.3	54.1
Narathiwat	27.1	0.2	294.1	39.7	1180.8	-159.4
Over the area	27.2	0.2	274.0	18.7 7%	962.4	-180.4 -16%

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	26.6	0.2	419.1	-5.4	4533.1	662.5
Takua Pa	26.6	0.1	511.7	-6.1	3171.3	-183.7
Phuket	27.7	0.3	523.6	203.5	2276.6	306.9
Phuket Airport	27.3	0.3	396.4	43.0	2021.1	-178.7
Ko Lanta	27.4	0.1	302.4	-23.0	2266.2	292.3
Trang Airport	26.8	0.4	390.7	105.2	1746.1	-73.1
Satun	26.9	0.1	455.2	116.2	2037.4	68.3
Over the area	27.0	0.2	428.4	61.9 17%	2578.8	127.8 5%

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