

Monthly Weather Summary in Thailand October 2015

The monsoon trough lay across lower northern, central and northeastern parts during early month. After that it moved southward to lie across lower central, eastern and upper southern of Thailand. In addition with high pressure area from China occasionally extended its ridge to cover northern and northeastern parts of Thailand since the middle of the month. Besides, typhoon “MUJIGAE, 1522” was moving over upper South China Sea during early month. The southwest monsoon which prevailed over Thailand changed to be northeasterly wind since middle of the month. These conditions caused abundant rainfall and floods in some areas of upper Thailand during early month after that rainfall and temperature decreased particularly in northern and northeastern parts that considered as the beginning of the 2015 winter season on October 22. However the southern part obtained abundant rainfall almost the whole month.

October rainfall was below normal i.e. northern part 21.7 mm (17%) eastern part 10.5 mm (5%) southern part (east coast) 40.3 mm (16%) and southern part (west coast) 180.3 mm (49%) while it was above normal in northeastern part 3.6 mm (3%) and central part 16.4 mm (9%). Mean temperatures were above normal in all parts.

1 – 10 October: The monsoon trough lay across lower northern, central and northeastern parts almost the whole period. In addition, the southwest monsoon prevailed over the Andaman Sea, southern Thailand and the Gulf of Thailand. The low pressure cell covered central and eastern part during October 8-10. Furthermore, typhoon “MUJIGAE” in the upper South China Sea made landfall over southern China on October 4. Under these influences, upper Thailand experienced scattered to fairly widespread rain with heavy to very heavy rainfall in some areas. The maximum daily rainfall of 143.4 mm was measured at Amphoe Khlung in Chanthaburi province on October 4. Flash floods were reported at Phetchabun, Nong Bua Lam Phu, Nakhon Nayok and Rayong provinces. The southern part obtained widely scattered to scattered rain with heavy rainfall in some areas. The maximum daily rainfall of 81.4 mm was measured at Amphoe Mueang in Satun province on October 9.

11 – 20 October: The high pressure area from China extended its ridge to cover upper Thailand during early period then weakened. In addition, the northeasterly wind prevailed over upper Thailand while the monsoon trough lay across lower central, eastern and upper southern parts. These conditions caused decreasing in temperature in northern and northeastern parts with cool weather in the morning almost the whole areas and cold weather in some areas of the mountainous and mountain top. The lowest temperature of 17.5 °c occurred at Amphoe Mueang in Phayao province on October 13 and dropped to 9.0 °c at Doi Intanon in Chiang Mai province on October 20. Moreover, upper Thailand received fairly widespread rain with heavy to very heavy rainfall in some areas on the first day of the period after that rainfall was generally decreasing. The highest daily rainfall in upper Thailand was 159.5 mm at Huai Pong Agrometeorological station in Rayong province on October 12. The southern part obtained scattered to fairly widespread rain with heavy to very heavy rainfall in some areas. The maximum daily rainfall of 144.6 mm was measured at Yala Agrometeorological station in Yala province on October 11.

21 – 31 October: The 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 northeasterly wind prevailed over southern Thailand and the Gulf of Thailand almost the whole period. These conditions caused cool weather in the morning in the northern and northeastern parts with cold weather in some areas of the mountainous and mountain top. The lowest temperature of 17.5 °c occurred at Umphang in Tak province on October 25 and dropped to 9.0 °c at Doi Intanon in Chiang Mai province on October 27. For rainfall, northern and northeastern parts experienced isolated rainfall almost the whole period. While isolated to widely scattered rain occurred in central and eastern parts almost the whole period with heavy rainfall in some areas. The maximum daily rainfall in upper Thailand was 50.0 mm at Amphoe Tha Tako in Nakhon Sawan province on October 21. The southern part obtained scattered to fairly widespread rain with heavy to very heavy rainfall in some areas. The maximum daily rainfall of 114.5 mm was measured at Tha Sala in Nakhon Si Thammarat province on October 31.

Note : Rainfall, temperatures and natural disasters were updated up to November 14, 2015

Monthly Current Report
Rainfall and Accumulative Rainfall
October 2015

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	25.6	0.5	151.8	26.9	1378.2	-239.1
Mae Hong Son	26.4	0.0	114.5	0.0	952.0	-285.1
Phayao	25.7	0.4	45.8	-76.8	752.1	-336.7
Chiang Mai	27.3	1.2	93.2	-24.4	747.7	-313.1
Tha Wang Pha	26.2	0.4	51.7	-31.7	1279.4	-90.1
Nan	26.8	0.4	76.1	5.8	1044.5	-162.9
Lamphun	26.7	0.6	105.6	-4.5	1008.1	55.8
Lampang	26.7	0.4	78.0	-20.3	879.2	-129.8
Mae Sariang	26.4	0.3	79.2	-36.0	1051.9	-54.2
Phrae	27.0	0.5	112.5	23.7	856.1	-225.3
Uttaradit	28.2	0.5	52.3	-58.7	822.4	-517.5
Bhumibol Dam	26.9	0.5	90.9	-113.4	749.6	-241.8
Tak	27.3	0.5	173.6	-25.6	716.2	-285.2
Mae Sot	26.6	0.5	120.6	18.5	1559.3	121.3
Umphang	24.7	0.8	146.4	-9.4	1320.2	-110.8
Phitsanulok	27.8	0.0	76.5	-86.0	793.7	-478.8
Lom Sak	27.3	0.5	110.3	21.8	747.2	-277.5
Phetchabun	27.5	0.7	123.1	32.7	940.3	-173.7
Wichian Buri	27.9	0.2	100.2	-31.4	1127.7	-68.3
Kamphaeng Phet	27.8	0.6	145.9	-45.8	954.8	-301.1
Over the area	26.8	0.4	102.4	-21.7 -17%	984.0	-205.8 -17%

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	27.7	1.0	126.9	36.0	1664.4	75.7
Loei	26.1	0.5	69.7	-53.6	854.5	-357.7
Udon Thani	27.2	0.3	172.9	82.8	1203.8	-201.4
Nakhon Phanom	27.2	0.8	88.5	-8.5	2136.1	-196.2
Sakon Nakhon	26.7	0.3	82.5	5.6	1400.7	-226.8
Mukdahan	27.0	0.7	130.5	29.9	1149.3	-314.8
Khon Kaen	26.7	0.2	40.0	-77.7	963.5	-263.3
Kosum Phisai	27.2	0.1	83.7	-27.7	887.8	-354.7
Roi Et	27.1	0.4	148.2	40.9	1032.1	-292.6
Chaiyaphum	27.5	0.5	171.1	34.1	916.3	-197.8
Ubon Ratchathani	27.4	0.6	206.4	83.3	1294.1	-264.0
Tha Tum	27.1	0.1	133.4	7.1	1042.0	-323.9
Surin	27.1	0.4	41.2	-87.0	1251.1	-150.5
Nakhon Ratchasima	27.6	0.9	87.0	-59.3	1150.5	105.6
Chok Chai	27.2	0.6	170.8	6.5	1017.3	-24.9
Nang Rong	26.7	0.2	177.8	43.9	1163.4	10.1
Over the area	27.1	0.5	120.7	3.6 3%	1195.4	-186.1 -13%

- 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
October 2015

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	28.0	0.3	145.1	-8.3	755.9	-361.8
Bua Chum	27.7	0.5	188.9	61.6	961.5	-99.2
Lop Buri	28.3	0.5	226.5	72.8	1013.4	-74.1
Suphan Buri	28.8	0.8	110.0	-86.7	888.9	-35.7
Thong Pha Phum	27.3	0.7	128.3	-44.0	1462.7	-293.5
Kanchanaburi	28.5	1.2	263.6	54.4	953.2	-38.4
Bangkok Airport	28.5	0.3	231.4	39.5	1216.6	-115.2
Bangkok Metropolis	28.5	0.4	334.2	42.1	1832.5	240.1
Over the area	28.2	0.6	203.5	16.4 9%	1135.6	-97.2 -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	28.8	0.7	156.2	-4.7	1599.0	-187.6
Kabin Buri	27.9	0.4	231.9	77.4	1368.5	-195.3
Aranyaprathet	28.4	0.9	106.9	-67.3	934.3	-370.2
Chon Buri	29.1	1.2	156.4	-52.5	975.5	-265.8
Ko Sichang	28.3	0.8	155.7	-51.4	759.1	-390.7
Pattaya	27.9	0.9	127.5	-88.6	890.4	-139.9
Sattahip	27.5	0.2	305.2	45.4	1110.0	-70.0
Rayong	27.9	0.3	228.5	34.1	1299.5	-27.0
Chanthaburi	28.0	1.0	342.9	45.3	2654.6	-278.3
Khlong Yai	27.4	0.6	334.8	-42.6	4258.1	-492.8
Over the area	28.1	0.7	214.6	-10.5 -5%	1584.9	-241.9 -13%

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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	28.6	0.9	149.6	-128.8	685.4	-196.5
Hua Hin	28.4	1.0	53.2	-193.0	555.4	-290.6
Prachuap Khiri Khan	27.9	0.8	79.8	-148.0	803.5	-118.8
Chumphon	27.3	0.7	308.8	57.2	1466.8	5.3
Surat Thani	27.4	1.0	331.4	95.0	1255.9	93.2
Ko Samui	27.9	0.7	243.6	-66.2	798.5	-444.7
Nakhon Si Thammarat	27.1	0.4	326.8	23.8	1117.9	-295.7
Songkhla	28.1	0.8	280.5	23.4	934.4	-141.7
Hat Yai Airport	27.0	0.5	117.2	-110.6	992.2	-149.3
Pattani Airport	27.5	0.6	147.6	-68.6	867.0	-213.2
Narathiwat	27.4	0.5	326.0	71.6	1317.6	-22.6
Over the area	27.7	0.7	215.0	-40.3 -16%	981.3	-161.5 -14%

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	27.5	1.1	90.2	-334.3	3473.1	-397.5
Takua Pa	27.3	0.8	213.6	-304.2	3079.6	-275.4
Phuket	28.4	1.0	235.4	-84.7	2278.3	308.6
Phuket Airport	28.0	1.0	148.8	-204.6	2306.1	106.3
Ko Lanta	28.0	0.7	162.0	-163.4	1970.8	-3.1
Trang Airport	27.3	0.9	164.8	-120.7	1929.5	110.3
Satun	27.6	0.8	288.9	-50.1	2352.8	383.7
Over the area	27.7	0.9	186.2	-180.3 -49%	2484.3	33.3 1%

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Monthly Current Report

October 2015

Region	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
North	Chiang Rai	25.6	0.5	151.8	26.9	1378.2	-239.1
	Mae Hong Son	26.4	0.0	114.5	0.0	952.0	-285.1
	Phayao	25.7	0.4	45.8	-76.8	752.1	-336.7
	Chiang Mai	27.3	1.2	93.2	-24.4	747.7	-313.1
	Tha Wang Pha	26.2	0.4	51.7	-31.7	1279.4	-90.1
	Nan	26.8	0.4	76.1	5.8	1044.5	-162.9
	Lamphun	26.7	0.6	105.6	-4.5	1008.1	55.8
	Lampang	26.7	0.4	78.0	-20.3	879.2	-129.8
	Mae Sariang	26.4	0.3	79.2	-36.0	1051.9	-54.2
	Phrae	27.0	0.5	112.5	23.7	856.1	-225.3
	Uttaradit	28.2	0.5	52.3	-58.7	822.4	-517.5
	Bhumibol Dam	26.9	0.5	90.9	-113.4	749.6	-241.8
	Tak	27.3	0.5	173.6	-25.6	716.2	-285.2
	Mae Sot	26.6	0.5	120.6	18.5	1559.3	121.3
	Umphang	24.7	0.8	146.4	-9.4	1320.2	-110.8
	Phitsanulok	27.8	0.0	76.5	-86.0	793.7	-478.8
	Lom Sak	27.3	0.5	110.3	21.8	747.2	-277.5
	Phetchabun	27.5	0.7	123.1	32.7	940.3	-173.7
	Wichian Buri	27.9	0.2	100.2	-31.4	1127.7	-68.3
	Kamphaeng Phet	27.8	0.6	145.9	-45.8	954.8	-301.1
Northeast	Nong Khai	27.7	1.0	126.9	36.0	1664.4	75.7
	Loei	26.1	0.5	69.7	-53.6	854.5	-357.7
	Udon Thani	27.2	0.3	172.9	82.8	1203.8	-201.4
	Nakhon Phanom	27.2	0.8	88.5	-8.5	2136.1	-196.2
	Sakon Nakhon	26.7	0.3	82.5	5.6	1400.7	-226.8
	Mukdahan	27.0	0.7	130.5	29.9	1149.3	-314.8
	Khon Kaen	26.7	0.2	40.0	-77.7	963.5	-263.3
	Kosum Phisai	27.2	0.1	83.7	-27.7	887.8	-354.7
	Roi Et	27.1	0.4	148.2	40.9	1032.1	-292.6
	Chaiyaphum	27.5	0.5	171.1	34.1	916.3	-197.8
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	Tha Tum	27.1	0.1	133.4	7.1	1042.0	-323.9
	Surin	27.1	0.4	41.2	-87.0	1251.1	-150.5
	Nakhon Ratchasima	27.6	0.9	87.0	-59.3	1150.5	105.6
	Chok Chai	27.2	0.6	170.8	6.5	1017.3	-24.9
Nang Rong	26.7	0.2	177.8	43.9	1163.4	10.1	
Central	Nakhon Sawan	28.0	0.3	145.1	-8.3	755.9	-361.8
	Bua Chum	27.7	0.5	188.9	61.6	961.5	-99.2
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	Kanchanaburi	28.5	1.2	263.6	54.4	953.2	-38.4
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South (East Coast)	Phetchaburi	28.6	0.9	149.6	-128.8	685.4	-196.5
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	Takua Pa	27.3	0.8	213.6	-304.2	3079.6	-275.4
	Phuket	28.4	1.0	235.4	-84.7	2278.3	308.6
	Phuket Airport	28.0	1.0	148.8	-204.6	2306.1	106.3
	Ko Lanta	28.0	0.7	162.0	-163.4	1970.8	-3.1
	Trang Airport	27.3	0.9	164.8	-120.7	1929.5	110.3
	Satun	27.6	0.8	288.9	-50.1	2352.8	383.7
	Over the area	27.4	0.6	158.6	-28.6	1276.8	-164.3
					-15%		-11%

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