

Monthly Weather Summary in Thailand October 2013

Tropical storm “WUTIP” (1321) in the middle South China Sea made landfall over Vietnam and downgraded to the tropical depression before heading to upper northeastern Thailand over Nakhon Phanom province on the first day of the month. After that, the monsoon trough lay across central, eastern and upper southern parts coupled with the prevailing of the rather active southwest monsoon over Thailand and the remnant of tropical storm “NARI”(1325) covered the lower northeastern, lower northern and central parts on October 16-17. During the second half of the month, the high pressure area from China periodically extended its ridge to cover upper Thailand and the low pressure cell located over the coastal areas of Malaysia and the Malacca Strait during October 22 – 27. These conditions caused plentiful rainfall in upper Thailand during early month and mid-month then decreasing in rainfall and temperature while southern Thailand experienced abundant rainfall almost the month.

October rainfall was above normal i.e. central part 27.2 mm (15%) eastern part 79.9 mm (35%) southern part (east coast) 51.5 mm (20%) and southern part (west coast) 85.0 mm (23%) except for below normal in northern part 8.7 mm (7%) and northeastern part 1.8 mm (2%). Mean temperatures were slightly above normal nearly the whole country.

1 – 10 October: The monsoon trough lay across central, eastern and upper southern parts almost the whole period. In addition, the tropical storm “WUTIP” in the middle South China Sea made landfall over Vietnam and downgraded into the tropical depression before heading to Thailand, Nakhon Phanom province on October 1. It finally weakened into the low pressure cell and dissipated over northern-northeastern parts fringe on the same day. Furthermore the active low pressure cell covered the upper Gulf of Thailand and upper Southern of Thailand during October 5-7. Under these influences, Northern and Northeastern parts experienced scattered to widespread rain with heavy rainfall in some areas during early period and then decreasing in rainfall. Central and eastern parts obtained scattered to widespread rain almost the whole period with heavy to heavy rainfall in some areas. The maximum daily rainfall in upper Thailand was 130.0 mm at Chai Badan in Lop Buri on October 2. Floods were reported at Khon Kaen, Burirum, Surin, Sisaket, Uthai Thani, Chainat, Ayutthaya, Lop Buri, Chachoengsao, Prachin Buri, Sakaeo, Chonburi and Rayong provinces. In southern part, fairly widespread rain with heavy to very heavy rainfall occurred in some areas. The maximum daily rainfall of 153.4 mm was measured at Amphoe Hun Hin in Prachuap Khirikhan on October 6. Flash floods were reported at Prachuap Khirikhan province on the same day.

11 – 20 October: Typhoon “NARI” in the middle South China Sea made landfall over Vietnam on October 15 and then downgraded to the tropical storm and tropical depression over lower PDR Laos on the same day. The storm later became active low pressure cell before covering the lower northeastern, lower northern and central parts of Thailand on October 16 and 17, respectively. As a result the southwest monsoon prevailing over the Andaman Sea, Thailand and the Gulf of Thailand strengthened. Under these influences, upper Thailand experienced scattered to widespread rain with heavy to very heavy rainfall in some areas during the second half of the period. The highest daily rainfall was 138.0 mm at Wang Chin in Phrae province on October 17. Floods were reported at NaKhon Ratchasima, Kanchana Buri, Chachoengsao, Chonburi, Pathum Thani, Nontha Buri and Samut Prakan provinces particularly in Prachin Buri province where flooding continued from last period. Southern part experienced scattered to fairly widespread rain with heavy to very heavy rainfall in some areas. The maximum daily rainfall of 112.4 mm was measured at Phuket airport in Phuket on October 18.

21 – 31 October: The high pressure area from China extended its ridge to cover upper Thailand mainly during the first half of the period, causing temperature relatively decreasing in upper Thailand especially in the northern and northeastern parts. The lowest temperature of 16.0 °c occurred at Nakhon Phanom Agromet Stn. in Nakhon Phanom province on October 26 and 27. Moreover, upper Thailand received isolated to widely scattered rain almost the whole period and heavy to very heavy rainfall in some areas. The maximum daily rainfall of 125.0 mm was recorded at Noen Maprang in Phitsanulok province on October 25. In southern part, fairly widespread rain and isolated heavy to very heavy rainfall mainly during the first half of the period were caused by the influence of northeast monsoon and the low pressure cell over the coastal areas of Malaysia and the Malacca Strait. The highest rainfall amount was 126.8 mm at Su-ngai Padi in Narathiwat province on October 26.

Note : Rainfall, temperatures and natural disasters were updated up to November 14, 2013

Monthly Current Report
Rainfall and Accumulative Rainfall
October 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	24.5	-0.6	204.5	79.6	1952.7	335.4
Mae Hong Son	25.9	-0.5	126.0	11.5	1186.3	-50.8
Phayao	24.7	-0.6	162.4	39.8	1010.6	-78.2
Chiang Mai	26.2	0.1	123.4	5.8	1175.8	115.0
Tha Wang Pha	25.9	0.1	108.8	25.4	1345.7	-23.8
Nan	26.3	-0.1	73.2	2.9	993.6	-213.8
Lamphun	25.5	-0.6	99.1	-11.0	1012.0	59.7
Lampang	25.6	-0.7	240.6	142.3	1083.7	74.7
Mae Sariang	26.1	0.0	101.5	-13.7	916.0	-190.1
Phrae	26.1	-0.4	98.1	9.3	1096.5	15.1
Uttaradit	27.3	-0.4	124.6	13.6	1333.1	-6.8
Bhumibol Dam	26.4	0.0	62.9	-141.4	791.4	-200.0
Tak	26.9	0.1	162.4	-36.8	1112.5	111.1
Mae Sot	26.7	0.6	31.8	-70.3	1645.6	207.6
Umphang	24.5	0.6	106.0	-49.8	1743.5	312.5
Phitsanulok	27.6	-0.2	96.9	-65.6	1418.4	145.9
Lom Sak	26.7	-0.1	102.2	13.7	947.0	-77.7
Phetchabun	27.0	0.2	88.3	-2.1	1341.2	227.2
Wichian Buri	27.6	-0.1	97.4	-34.2	1307.6	111.6
Kamphaeng Phet	27.3	0.1	97.7	-94.0	1510.6	254.7
Over the area	26.2	-0.2	115.4	-8.7 -7%	1246.2	56.4 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	26.9	0.2	62.6	-28.3	1466.0	-122.7
Loei	25.5	-0.1	148.2	24.9	1511.9	299.7
Udon Thani	26.5	-0.4	74.1	-16.0	1294.5	-110.7
Nakhon Phanom	26.5	0.1	68.0	-29.0	2034.7	-297.6
Sakon Nakhon	26.3	-0.1	51.9	-25.0	1958.7	331.2
Mukdahan	26.5	0.2	50.8	-49.8	1726.9	262.8
Khon Kaen	26.6	0.1	40.5	-77.2	909.5	-317.3
Kosum Phisai	27.0	-0.1	51.1	-60.3	1191.7	-50.8
Roi Et	26.8	0.1	54.3	-53.0	1598.9	274.2
Chaiyaphum	26.8	-0.2	77.1	-59.9	1273.9	159.8
Ubon Ratchathani	26.9	0.1	86.9	-36.2	1680.5	122.4
Tha Tum	27.7	0.7	65.9	-60.4	1274.9	-91.0
Surin	26.8	0.1	99.7	-28.5	1571.4	169.8
Nakhon Ratchasima	26.8	0.1	321.7	175.4	1276.4	231.5
Chok Chai	26.7	0.1	301.4	137.1	1380.7	338.5
Nang Rong	26.3	-0.2	290.7	156.8	1268.6	115.3
Over the area	26.7	0.1	115.3	-1.8 -2%	1463.7	82.2 6%

- 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	89.1	-64.3	1035.2	-82.5
Bua Chum	27.3	0.1	302.8	175.5	1540.9	480.2
Lop Buri	28.1	0.3	214.1	60.4	1109.2	21.7
Suphan Buri	28.4	0.4	99.0	-97.7	880.7	-43.9
Thong Pha Phum	26.8	0.2	180.6	8.3	1888.5	132.3
Kanchanaburi	27.7	0.4	195.7	-13.5	970.1	-21.5
Bangkok Airport	29.2	1.0	240.5	48.6	1366.8	35.0
Bangkok Metropolis	28.3	0.2	392.3	100.2	1691.4	99.0
Over the area	28.0	0.4	214.3	27.2 15%	1310.4	77.6 6%

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	28.2	0.1	145.6	-15.3	2104.1	317.5
Kabin Buri	27.4	-0.1	268.6	114.1	1759.4	195.6
Aranyaprathet	27.5	0.0	281.2	107.0	1698.4	393.9
Chon Buri	28.2	0.3	359.6	150.7	1688.6	447.3
Ko Sichang	27.4	-0.1	476.5	269.4	1463.8	314.0
Pattaya	26.9	-0.1	485.6	269.5	1108.6	78.3
Sattahip	27.1	-0.2	242.6	-17.2	662.2	-517.8
Rayong	26.9	-0.7	295.7	101.3	1663.3	336.8
Chanthaburi	27.2	0.2	327.0	29.4	3636.4	703.5
Khlong Yai	27.0	0.2	167.3	-210.1	4955.2	204.3
Over the area	27.4	0.0	305.0	79.9 35%	2074.0	247.2 14%

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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	27.8	0.1	402.8	124.4	903.1	21.2
Hua Hin	27.4	0.0	361.9	115.7	905.5	59.5
Prachuap Khiri Khan	27.0	-0.1	334.7	106.9	1099.7	177.4
Chumphon	26.8	0.2	210.6	-41.0	1428.0	-33.5
Surat Thani	26.4	0.0	132.5	-103.9	1070.3	-92.4
Ko Samui	27.3	0.1	338.0	28.2	1078.4	-164.8
Nakhon Si Thammarat	26.7	0.0	218.2	-84.8	1447.5	33.9
Songkhla	27.4	0.1	472.0	214.9	1451.2	375.1
Hat Yai Airport	26.2	-0.3	303.0	75.2	1237.9	96.4
Pattani Airport	27.0	0.1	225.3	9.1	1090.5	10.3
Narathiwat	27.2	0.3	375.5	121.1	1728.7	388.5
Over the area	27.0	0.0	306.8	51.5 20%	1221.9	79.1 7%

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	26.3	-0.1	460.2	35.7	4215.6	345.0
Takua Pa	26.2	-0.3	592.3	74.5	4657.4	1302.4
Phuket	27.4	0.0	525.0	204.9	2315.2	345.5
Phuket Airport	27.3	0.3	544.7	191.3	2669.5	469.7
Ko Lanta	27.3	0.0	345.0	19.6	2481.0	507.1
Trang Airport	26.6	0.2	307.8	22.3	1941.1	121.9
Satun	26.6	-0.2	385.7	46.7	2015.1	46.0
Over the area	26.8	0.0	451.5	85.0 23%	2899.3	448.3 18%

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