

Monthly Weather Summary in Thailand July 2012

The moderate southwest monsoon prevailed over the Andaman Sea, Thailand and Gulf of Thailand almost the month. In addition, the monsoon trough lay across northern and upper northeastern parts during early month coupled with typhoon “VICENTE” in the upper South China Sea made landfall over Guangdong in China on July 24 and dissipated over Laos on the following day. These conditions brought abundant rainfall over Thailand particularly in northern part. Monthly rainfall was above normal almost all areas i.e. northern part 5.5 mm (3%), central part 51.7 mm (34%), eastern part 44.7 mm (17%), and southern part (west coast) 56.2 mm (16%) while it was inversely below normal in northeastern part 48.3 mm (23%) and southern part (east coast) 13.8 mm (12%). Mean temperatures were slightly above normal in most areas except for slightly below normal in northern and central parts.

1 – 10 July: The moderate monsoon trough lay across northern and upper northeastern parts almost the period. Moreover, the moderate southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand. These conditions produced scattered to fairly widespread rain with isolated heavy to very heavy rainfall especially in southern Thailand west coast. The maximum daily rainfall of 225.0 mm was found in upper Thailand at Amphoe Tha Uthen in Nakhon Phanom province on July 2 while that of 96.2 mm was reported in southern part at Amphoe Takua Pa in Phang-nga province on July 3.

11 – 20 July: The moderated southwest monsoon prevailed over Thailand almost the period associated with the easterly wave moved through the lower northeastern, eastern and southern parts during early the period. Thailand experienced scattered to fairly widespread rain with isolated heavy to very heavy rainfall in most places of central and eastern areas, except for decreasing in rainfall in northeastern during the second half of the period. The maximum daily rainfall of 242.4 mm was found in upper Thailand at Amphoe Khlung in Chanthaburi province on July 12 while that of 127.1 mm occurred in southern part at Amphoe Muang in Ranong province on July 12.

21 – 31 July: With the active southwest monsoon, the remnant of typhoon “VICENTE” over upper Laos on July 26 and the monsoon trough which lay across Myanmar, Laos and upper Vietnam during the end of the period, northern and northeastern parts received scattered to fairly widespread rain almost the whole period with heavy rainfall in some areas. In central and eastern parts, isolated rain during early period and then scattered to fairly widespread rain with isolated heavy to very heavy rainfall. The maximum daily rainfall of 145.6 mm was reported in upper Thailand at Amphoe Khlung Yai in Trad province on July 28. In southern part, isolated to widely scattered rain mainly occurred in upper portion and heavy rainfall in some areas except for fairly widespread rain on July 24. The highest rainfall amount was 63.5 mm at Amphoe Muang in Satun province on July 24.

Note : Rainfall, temperatures and natural disasters in this report were updated up to August 15, 2012

Climatological Center
Meteorological Development Bureau
Meteorological Department

Monthly Current Report
Rainfall and Accumulative Rainfall
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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	-0.1	314.0	-5.1	1149.1	301.6
Mae Hong Son	26.8	0.0	313.6	97.1	1029.4	372.0
Phayao	26.8	-0.2	101.1	-39.2	488.0	-55.6
Chiang Mai	27.6	0.5	106.0	-51.6	473.5	-47.6
Tha Wang Pha	27.3	0.1	169.6	-92.4	669.4	-132.1
Nan	27.7	0.3	104.4	-110.4	808.6	144.5
Lamphun	27.6	-0.2	66.6	-51.7	397.9	-54.2
Lampang	27.4	-0.2	186.2	40.2	746.5	238.5
Mae Sariang	26.3	0.0	185.6	-2.3	709.9	108.9
Phrae	27.3	-0.3	220.2	67.7	857.5	292.5
Uttaradit	28.0	-0.3	142.2	-45.2	821.6	88.8
Bhumibol Dam	27.9	-0.4	35.4	-44.7	424.4	-16.1
Tak	27.9	-0.1	115.9	22.2	535.9	88.8
Mae Sot	25.8	0.2	480.8	168.4	1133.9	359.5
Umphang	24.5	0.2	297.5	81.4	914.5	176.6
Phitsanulok	27.8	-0.6	246.1	58.2	606.6	-42.5
Lom Sak	27.4	-0.2	154.1	17.4	462.4	-104.3
Phetchabun	27.7	0.1	166.4	12.3	535.6	-49.4
Wichian Buri	28.3	-0.3	134.9	-25.4	530.4	-83.1
Kamphaeng Phet	27.7	-0.4	164.8	12.6	612.0	20.2
Over the area	27.2	-0.1	185.3	5.5 3%	695.4	80.5 13%

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	27.8	0.2	235.4	-27.5	1029.7	145.1
Loei	27.4	0.0	107.9	-59.5	600.9	-102.0
Udon Thani	28.1	0.0	129.2	-93.6	518.1	-273.8
Nakhon Phanom	27.3	0.1	522.7	38.8	1437.3	132.1
Sakon Nakhon	27.7	0.0	272.7	4.9	1221.0	286.0
Mukdahan	28.2	0.4	203.5	-26.6	705.5	-111.8
Khon Kaen	28.0	-0.1	96.1	-72.8	604.9	-32.2
Kosum Phisai	28.5	0.1	103.5	-47.4	826.6	173.5
Roi Et	28.6	0.5	82.0	-113.6	589.4	-135.5
Chaiyaphum	27.8	-0.1	61.1	-58.4	558.5	-14.0
Ubon Ratchathani	27.9	0.1	232.2	-19.7	708.9	-142.5
Tha Tum	29.0	0.6	109.7	-107.5	659.4	-85.1
Surin	28.4	0.6	110.2	-86.1	541.9	-163.8
Nakhon Ratchasima	28.9	0.6	67.3	-48.0	551.6	60.9
Chok Chai	28.6	0.4	75.7	-48.2	525.4	2.1
Nang Rong	28.3	0.3	144.8	-6.6	533.9	-56.1
Over the area	28.2	0.3	159.6	-48.3 -23%	725.8	-19.9 -3%

- 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

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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	28.6	-0.4	119.1	-14.0	466.9	-39.3
Bua Chum	28.5	0.0	43.6	-75.4	507.4	0.3
Lop Buri	28.1	-0.3	131.8	5.2	471.3	-32.2
Suphan Buri	28.3	-0.3	158.0	52.0	408.4	-9.6
Thong Pha Phum	26.4	-0.1	480.8	165.4	1246.0	258.6
Kanchanaburi	28.4	-0.1	157.1	55.0	418.7	-21.6
Bangkok Airport	29.1	0.5	346.5	190.1	668.5	96.4
Bangkok Metropolis	28.7	0.0	196.4	35.0	642.4	-22.0
Over the area	28.3	-0.1	204.2	51.7 34%	603.7	28.9 5%

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	28.1	-0.3	338.7	68.3	935.9	-3.1
Kabin Buri	27.3	-0.6	425.8	170.0	890.6	43.8
Aranyaprathet	28.2	0.5	181.8	-0.9	584.8	-104.9
Chon Buri	29.4	0.6	142.0	9.9	589.4	8.1
Ko Sichang	28.7	-0.1	154.3	34.3	563.0	44.8
Pattaya	28.2	-0.2	108.0	17.0	372.4	-113.8
Sattahip	28.6	-0.1	164.1	59.1	691.2	118.1
Rayong	28.6	-0.3	258.4	94.9	742.1	10.7
Chanthaburi	27.7	0.3	475.1	40.1	1622.9	117.4
Khlong Yai	27.1	0.1	857.4	-45.6	2875.8	307.3
Over the area	28.2	0.0	310.6	44.7 17%	986.8	42.7 5%

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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	28.5	-0.1	104.3	27.7	459.2	136.3
Hua Hin	28.4	0.0	178.4	77.9	440.3	68.6
Prachuap Khiri Khar	27.8	0.0	147.0	46.8	491.9	23.5
Chumphon	27.9	0.9	74.8	-102.2	919.3	112.2
Surat Thani	27.9	0.9	67.8	-43.0	1038.5	484.0
Ko Samui	28.8	0.6	153.7	30.5	824.9	122.0
Nakhon Si Thammarat	28.6	0.9	56.0	-57.4	1424.5	666.8
Songkhla	28.8	0.3	38.8	-49.2	948.0	434.3
Hat Yai Airport	27.5	0.3	61.1	-48.3	725.0	110.8
Pattani Airport	28.1	0.7	59.6	-55.9	917.9	363.5
Narathiwat	27.9	0.3	154.2	21.6	1150.5	445.2
Over the area	28.2	0.4	99.6	-13.8 -12%	849.1	269.7 47%

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	27.3	0.7	649.9	5.7	3095.0	1075.5
Takua Pa	27.5	0.2	470.2	32.8	2490.5	836.1
Phuket	28.5	0.7	396.6	113.1	1403.3	346.6
Phuket Airport	28.3	0.7	370.1	81.2	1782.1	631.9
Ko Lanta	27.8	-0.3	323.0	28.5	1424.3	442.6
Trang Airport	27.1	0.3	315.0	45.0	1403.3	430.2
Satun	27.3	-0.1	335.2	86.7	1419.9	359.7
Over the area	27.7	0.3	408.6	56.2 16%	1859.8	589.1 46%

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