

The rainy season of Thailand this year is expected to have its average rain being less than normal and less than that of last year bringing about inadequate water supply for agriculture in many areas, especially for those outside irrigation zones.

General Weather Characteristics:

During the first half of July: The prevailing southwest monsoon over Thailand will mostly weaken; additionally, a southwest monsoon trough will move upward to place around southern China. These characteristics will bring about less rainfall in this period to be as the isolated to widely scattered criteria. Thus, many areas of Thailand will have shortage of water in many agricultural areas, especially at those outside irrigation zones. Then during the end of July until September: The prevalent southwest monsoon will become more active, and the monsoon trough will move downward to place over the upper Thailand again. Hence, the upper Thailand will have densely abundant rainfall as scattered to almost widespread rains with heavy to very heavy falls in many areas. Consequently, flash floods and flooding situations and over-flows occur in some areas. And during October: High pressure air masses from China will begin to prevail over the upper portion of the northern and northeastern parts from time to time. Moreover, the monsoon (low pressure) trough will move downward to place over the upper portion of southern Thailand. Furthermore, the prevailing southwest monsoon will weaken and also northeast monsoon will begin to prevail over Thailand, the Gulf of Thailand and southern Thailand.

As a result, the upper Thailand will have less rainfall and cool air starts to cover the northern and northeastern parts while the southern part will still have abundant rains, especially around the eastern coast.

Briefly, the rainy season of the upper Thailand will end at about middle October. Whereas the southern Thailand will still have rains continuously until middle January, especially during November and December when heavy to very heavy rains occur in some areas.

The 2014 tropical cyclones (depressions, tropical storms, and typhoons)

This year is expected to have 2 tropical cyclones moving toward Thailand. One tropical cyclone is to move passing the northeastern and northern regions in August or September. And another one is to move passing the southern region during November or December.

Cautions:

- During some periods, heavy to very heavy falls occur continuously for many days. Thus, flash floods and flooding situations may happen especially in August until September. Consequently, the public should follow up daily weather news closely.*
- While tropical cyclones moving near or past Thailand. Gust, widely rains and heavy to very heavy rainfall take place in many areas. While coastal areas will have storm surges with rough to very rough sea appearing as 3 – 5 meters height. The public and seafarers should be careful from these natural disasters, and should follow news during the tropical cyclone periods closely.*

Details for each part of Thailand:

Northern During recent May and June, rainfall was slightly below normal. During July, rainfall is expected to be below normal (Normal: 176.0 millimeters). Then during August until October, rainfall will be near normal. (Normal: 223.0, 218.3, and 124.1 millimeters respectively).

Northeastern During recent May, rainfall was below normal. While during recent June, rainfall was near normal. Then during July, rainfall is expected to be slightly below normal (Normal: 211.4 millimeters). Then during August until October, rainfall will be near normal (Normal: 266.2, 242.0, and 117.1 millimeters respectively).

Central During recent May and June, rainfall was slightly below normal. Then during July, rainfall is expected to be slightly below normal (Normal: 155.5 millimeters). Then during August until October, rainfall will be near normal (Normal: 181.1, 257.3 and 187.1 millimeters respectively).

Eastern During recent May, rainfall was below normal. While during June, rainfall was near normal. Then during July, rainfall is expected to be slightly below normal (Normal: 277.5 millimeters). Then during August until October, rainfall will be near normal (Normal: 302.5, 330.1 and 225.1 millimeters respectively).

Southern Thailand (the Gulf of Thailand). During recent May, rainfall was below normal. While during recent June, rainfall was slightly above normal. Then during July until August, rainfall will be slightly below normal (Normal: 118.9 and 124.1 millimeters respectively). Then during September until October, rainfall will be near normal (Normal: 150.1 and 255.3 millimeters respectively).

Southern Thailand (the Andaman Sea). During recent May, rainfall was below normal. While during recent June, rainfall was near normal. Then during July until August, rainfall is expected to be slightly below normal (Normal: 336.5 and 398.5 millimeters respectively). Then during September until October, rainfall will be near normal (Normal: 423.9, and 366.5 millimeters respectively).

Bangkok Metropolis and Vicinity During recent May, rainfall was below normal. While during recent June, rainfall was near normal. Then during July, rainfall is expected to be slightly below normal (Normal: 175.1 millimeters). Then during August until October, rainfall will be near normal (Normal: 219.3, 334.2 and 292.1 millimeters respectively).

Rainfall expectations of 2014 compared to normal:

Part	Jul	Aug	Sep-Oct	Nov-Dec
North	Slightly below normal	Nearly normal	Nearly to below normal	-
Northeast	Slightly below normal	Nearly normal	Nearly to below normal	-
Central	Slightly below normal	Nearly normal	Nearly to below normal	-
East	Slightly below normal	Nearly normal	Nearly to below normal	-
Southern Thailand East Coast	Slightly below normal	Slightly below normal	Nearly normal	Nearly normal
Southern Thailand West Coast	Slightly below normal	Slightly below normal	Nearly normal	Nearly normal
Bangkok Metropolis and Vicinity	Slightly below normal	Nearly normal	Nearly normal	-

Rainfall amount expectations (millimeters) during the rainy season of 2014:

Part	Jul	Aug	Sep	Oct	Nov	Dec
North	140-180	200-250	190-240	100-140	-	-
Northeast	170-220	240-290	220-270	100-140	-	-
Central	130-170	160-210	230-280	160-210	-	-
East	230-280	280-330	300-400	200-250	-	-
Southern Thailand East Coast	90-120	90-120	130-170	230-280	300-400	210-260
Southern Thailand West Coast	290-340	300-400	400-500	300-400	170-220	60-90
Bangkok Metropolis and Vicinity	140-180	190-240	300-400	260-310	-	-

Remarks: - Normal means average rainfall during the 30-year period (A.D. 1981–2010 or B.E.2524–2553).

- These expectations are long rang (more than 2 weeks) forecasts by using statistical and climate models which may have some inaccurate predictions.
- Next update will be at the last week of July 2014.
- Please enquire climate forecasts: monthly/seasonally at Tel. 02-398-9929 or Tel./Fax. 02-383-8827 or at www.tmd.go.th or www.weather.go.th

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