

The rainy season of Thailand this year is expected to begin lately than usual, about at the 3rd - 4th week of May. The summarized rain is expected to be less than normal and less than that of last year's, especially at the beginning of the rainy season. However, during the end of the rainy season, many areas of the upper Thailand will have the amount of rainfall being near the normal.

General Weather Characteristics:

About at the end of May until June: Southwest monsoon will be prevalent covering the Andaman Sea and Thailand by being rather active in some periods. Additionally, a monsoon trough will place over the upper Thailand from time to time. These will cause the upper Thailand to have abundant rainfall with heavy rains in some areas.

About at the end of June until middle July: The monsoon trough placing over the upper Thailand will move upward to place over southern China causing many areas of Thailand to have not much rainfall during this beginning of the rainy season. Thus, shortage of water for agriculture happens in many areas, especially often at drought areas outside irrigation zones.

About at middle July until September: The prevalent southwest monsoon will be 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 almost widespread rains and heavy to very heavy falls in many areas. Consequently, flash floods and flooding situations and over-flows occur in some areas.

About October: High pressure air masses from China will prevail to cover 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 the more active northeastern monsoon will prevail to cover Thailand (the upper Thailand, the Gulf of Thailand and the southern Thailand). As a result, the upper Thailand will have less rainfall and cool air covers the northern and northeastern parts while the southern part will still have abundant rains, especially at the eastern coast.

Briefly, the rainy season of this year 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.

Tropical cyclone (depressions, tropical storms and typhoons)

This year, about 2 tropical cyclones are expected to move toward Thailand. Their tendencies are:

One tropical cyclone passes northeastern and northern parts during August or September.

And another one will pass the southern Thailand during November or December.

Details for each part of Thailand:

Northern During May and June, the rainfall is expected to be slightly below normal (Normal: 177.8 and 156.2 millimeters respectively). Then during July until October, the rainfall is to be nearly normal (Normal: 176.0, 223.0, 218.3 and 124.1 millimeters respectively).

Northeastern During May and June, the rainfall is expected to be slightly below normal (Normal: 187.1 and 203.4 millimeters respectively). Then during July until October, the rainfall is to be near normal (Normal: 211.4, 266.2, 242.0 and 117.1 millimeters respectively).

Central During May and June, the rainfall is expected to be slightly below normal (Normal: 172.1 and 145.2 millimeters respectively). Then during July until October, the rainfall is to be near normal (Normal: 155.5, 181.1, 257.3 and 187.1 millimeters respectively).

Eastern During May and June, the rainfall is expected to be slightly below normal (Normal: 223.8 and 261.5 millimeters respectively). Then during July until October, the rainfall is to be near normal (Normal: 277.5, 302.5, 330.1 and 225.1 millimeters respectively).

Southern Thailand (the Gulf of Thailand) During May until July, the rainfall is expected to be slightly below normal (Normal: 143.7, 113.0 and 118.9 millimeters respectively). Then during August until October, the rainfall is to be near normal (Normal: 124.1, 150.1 and 255.3 millimeters respectively).

Southern Thailand (the Andaman Sea) During May until July, the rainfall is expected to be slightly below normal (Normal: 308.4, 311.8 and 36.5 millimeters respectively). Then during August until October, the rainfall is to be near normal (Normal: 398.5, 423.9 and 366.5 millimeters respectively).

Bangkok Metropolis and vicinity During May and June, the rainfall is expected to be slightly below normal (Normal: 247.7 and 157.1 millimeters respectively). Then during July until October, the rainfall is to be near normal (Normal: 175.1, 219.3, 334.2 and 292.1 millimeters respectively).

Cautions:

1. During May, low pressure air masses develop in the Andaman Sea, and may strengthen to be cyclones and move toward the north to the eastern direction near the western side of Thailand. So heavy to very heavy rainfall happens in many areas, mostly at the southern Thailand (west coast), and the western side of the northern and central parts of Thailand.

2. 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.

3. While tropical cyclones moving near or past Thailand, gust, widely rains and heavy to very heavy rainfall take place in many areas. As coastal areas have storm surges with rough to very rough sea appearing to be 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.

Rainfall expectations of 2014 compared to normal:

Part	May-Jun	Jul-Aug	Sep-Oct	Nov-Dec
North	Slightly below Normal	nearly normal	nearly normal	-
Northeast	Slightly below Normal	nearly normal	nearly normal	-
Central	Slightly below Normal	nearly normal	nearly normal	-
East	Slightly below Normal	nearly normal	nearly normal	-
Southern Thailand East Coast	Slightly below Normal	Slightly below Normal	nearly normal	nearly normal
Southern Thailand West Coast	Slightly below Normal	nearly 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	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
North	140-180	120-160	160-200	200-250	180-230	100-140	-	-
Northeast	140-180	160-210	180-230	240-290	220-270	100-140	-	-
Central	140-180	110-150	140-180	160-210	230-280	160-210	-	-
East	180-230	220-270	250-300	280-330	300-350	200-250	-	-
Southern Thailand East Coast	100-140	90-120	90-120	100-140	130-170	230-280	300-400	210-260
Southern Thailand West Coast	250-300	270-320	290-340	350-450	400-500	300-400	170-220	60-90
Bangkok Metropolis and Vicinity	210-260	120-160	150-200	190-240	300-350	260-310	-	-

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

- These expectations are long rang forecasts by using statistical and climate models which may have some errors.

- Please enquire climate forecasts: monthly/seasonally at Tel. 662-398-9929 or Fax. 662-383-8827 or at www.tmd.go.th or www.weather.go.th

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