



The 2015 Rainy Season Climate Expectation of Thailand

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The rainy season of this year is expected to during the second half of season the summarized rain will be slightly below normal and near that of last year. However, during August and September, Thailand will experience heavy rain in many areas and very heavy rain in some areas bringing about flash flood, forest flood and overflow in some areas. The public should be cautious about these natural hazards and follow weather news closely. The rainy season of this will end at about middle October.

General Weather Characteristics:

During August to September, which in during the second half of season the previously prevailing southwest monsoon will return back becoming active more continuously from time to time. Furthermore, the monsoon trough will move downward to place over the Upper Thailand, Influencing Thailand to experience abundant rain as almost widespread rainfall and heavy to very heavy rain at many areas. As a result, flash flood, forest flood and overflow appear at many areas. Then during October, high pressure air masses from China will prevail to cover northeastern and northern regions periodically. Additionally, the monsoon trough will move downward to cover the upper portion of Southern Thailand. Moreover, the southwest monsoon prevailing over Thailand will change its direction to be northeasterly prevailing over Thailand, the Gulf of Thailand and the Southern Thailand. These characteristics will cause the Upper Thailand to experienced less rain and become cool or cold in the morning, especially at the northern and northeastern regions, whereas the Southern Thailand will experience dense rain further, especially at the eastern coast.

The rainy season of this year of the Upper Thailand will end at about middle October, while the Southern Thailand will still experience continuous rain until late January. Specifically during November and December, the Southern Thailand (East Coast) will experience heavy rain in many areas and very heavy rain in some areas.

Tropical cyclone (depressions, tropical storms and typhoons)

This year, about 1-2 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.

Details for each part of Thailand:

Northern During August, the rainfall is to be near normal (Normal: 233 millimeters). Then During September to October, the rainfall is to be slightly below normal (Normal: 218 and 124 millimeters respectively).

Northeastern During August, the rainfall is to be near normal (Normal: 266 millimeters). Then During September to October, the rainfall is to be slightly below normal (Normal: 242 and 117 millimeters respectively).

Central During August until October, the rainfall is to be slightly below normal (Normal: 181, 257 and 187 millimeters respectively).

Eastern During August until October, the rainfall is to be slightly below normal (Normal: 302, 330 and 225 millimeters respectively).

Southern Thailand (the Gulf of Thailand) During August until October, the rainfall is to be below normal (Normal: 124, 150 and 255 millimeters respectively).

Southern Thailand (the Andaman Sea) During August until October, the rainfall is to be below normal (Normal: 398, 423 and 366 millimeters respectively).

Bangkok Metropolis and vicinity During August until October, the rainfall is to be below normal (Normal: 219, 334 and 292 millimeters respectively).

Cautions:

1. 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.

2. 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 2 – 4 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 2015 compared to normal:

Part	August	September	October	Nov-Dec
North	near normal	Slightly below normal	Slightly below normal	near normal
Northeast	near normal	Slightly below normal	Slightly below normal	near normal
Central	Slightly below normal	Slightly below normal	Slightly below normal	near normal
East	Slightly below normal	Slightly below normal	Slightly below normal	near normal
Southern Thailand East Coast	Slightly below normal	below normal	below normal	Slightly below normal
Southern Thailand West Coast	Slightly below normal	below normal	below normal	Slightly below normal
Bangkok Metropolis and Vicinity	Slightly below normal	Slightly below normal	Slightly below normal	near normal

Rainfall amount expectations (millimeters) during the rainy season of 2015:

Part	August	September	October	November	December
North	200-250	170-220	90-130	20-40	less than 10
Northeast	240-290	200-250	80-120	15-30	less than 10
Central	150-200	210-260	150-200	20-40	less than 10
East	260-310	280-350	180-230	40-60	less than 10
Southern Thailand East Coast	90-130	110-150	200-250	280-350	200-250
Southern Thailand West Coast	300-400	300-400	280-350	150-200	50-80
Bangkok Metropolis and Vicinity	170-220	280-330	250-300	40-60	less than 10

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

- These expectations are long rang forecasts 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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