



Thai Meteorological Department  
Ministry of Information and Communication  
Technology

## The Seasonal forecast of Thailand during the Rainy Season of 2016

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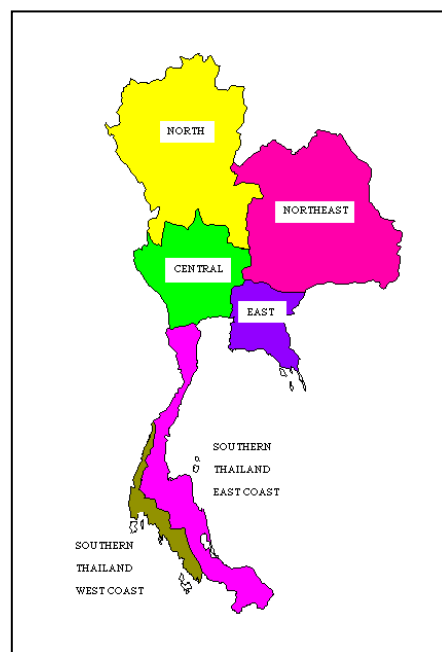
The rainy season of Thailand this year is expected that the total seasonal rain will be above that of last year but being near normal. Whereas during the 1st half of July, the amount and distribution of rain will not be a lot. While during August and September, Thailand will experience heavy to very heavy rain at many areas. For this reason, flash flood will overflow at some areas. The rainy season of this year will end at about middle October.

### General Weather Characteristics:

During the 1st half of July, the amount and distribution of rain in Thailand will not be a lot. This event is caused by the prevailing southwest monsoon over the Andaman Sea and Thailand weakening to moderate, and influenced by tropical cyclone in the South China Sea at some periods.

For during middle July until September, Thailand will experience more rainfall with heavy to very heavy rain at many areas. Consequently, flash flood may overflow at many areas. As a matter of fact, the southwest monsoon prevailing over the Andaman Sea and Thailand will be continuously active from time to time. Additionally, the monsoon trough will move downward to place over the Upper Thailand at some periods.

Then in October, the amount and distribution of rain at the Upper Thailand will reduce. Also, morning cool or cold weather will happen at the upper portion of both of the northern and northeastern parts. While at the Southern Thailand, dense rainfall will continuously occur especially at the eastern coast because high pressure air mass areas from China start to prevail over the northern and northeastern parts. Including with the southwest monsoon prevailing over Thailand begins to change to be the northeast monsoon prevailing over the Gulf of Thailand and the Southern Thailand. Furthermore, the monsoon trough will move downward to place over the eastern part and the upper portion of the Southern Thailand periodically.



For tropical cyclones (depressions, tropical storms and typhoons), 2 of them are expected to move toward Thailand this year. Also, 1 of them favors a high chance to move pass the northern and northeastern parts during August or September. Later, 1 of them will move pass the Southern Thailand during October till November.

### Cautions:

1. At some periods, heavy to very heavy rain will occur continuously for many days causing flash or forest flood to overflow, specifically during August until September. Then, the public should follow weather forecast news closely further.

3. During the periods of tropical cyclones moving near or past Thailand, gusty wind will happen. Also, widespread rainfall will occur with heavy to very heavy rain at many areas. While at coastal areas, wind waves will be active as 2 – 4 meters high. As a result, the public and mariners should beware of these natural hazards and should follow related news closely during the tropical cyclone periods further.

### Details for each part of Thailand:

The northern part from July until October, the monthly rains are expected to be near normal (normal: 176, 223, 218 and 124 millimeters consecutively).

The northeastern part from July until October, the monthly rains are expected to be near normal (normal: 211, 266, 242 and 117 millimeters consecutively).

The central part during July, the monthly rain is expected to be slightly below normal (normal: 156 millimeters). Later during August until October, the total rains are expected to be near normal (normal: 181, 257 and 187 millimeters consecutively).

The eastern part during July, the monthly rain is expected to be slightly below normal (normal: 278 millimeters). Later during August until October, the total rains are expected to be near normal (normal: 303, 330 and 225 millimeters consecutively).

The Southern Thailand (east coast = the Gulf of Thailand) from July until October, the monthly rains are expected to be near normal (normal: 119, 124, 150 and 255 millimeters consecutively).

The Southern Thailand (west coast = the Andaman Sea) from July until October, the monthly rains are expected to be near normal (normal: 337, 399, 424 and 367 millimeters consecutively).

Bangkok metropolitan and vicinity during July, the monthly rain is expected to be slightly below normal (normal: 175 millimeters). Later during August until October, the total rains are expected to be near normal (normal: 219, 334 and 292 millimeters consecutively).

## Rainfall expectations of 2016 compared to normal:

Part	Jul	Aug	Sep-Oct	Nov-Dec
North	nearly normal	nearly normal	nearly normal	-
Northeast	nearly normal	nearly normal	nearly normal	-
Central	nearly normal	nearly normal	nearly normal	-
East	Slightly above Normal	nearly normal	nearly normal	-
Southern Thailand East Coast	nearly normal	nearly normal	nearly normal	nearly normal
Southern Thailand West Coast	nearly normal	nearly normal	nearly normal	nearly normal
Bangkok Metropolis and Vicinity	nearly normal	nearly normal	nearly normal	-

## Rainfall amount expectations (millimeters) during the rainy season of 2016:

Part	Jul	Aug	Sep	Oct	Nov	Dec
North	160-200	200-250	190-240	100-140	-	-
Northeast	190-230	240-290	220-270	100-140	-	-
Central	140-180	160-210	240-290	160-210	-	-
East	270-320	280-330	300-400	200-250	-	-
Southern Thailand East Coast	100-140	100-140	130-170	230-280	300-400	210-260
Southern Thailand West Coast	300-400	350-450	400-500	300-400	170-220	60-90
Bangkok Metropolis and Vicinity	160-200	200-250	300-400	270-320	-	-

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

-These long range expectations are utilized by applying some climatic models and statistical methods, the public then should follow the daily weather news from the Thai Meteorological Department further.

- The next updated rainy seasonal forecast will be at the last week of July 2016.

- Further enquiry of monthly climate, 3-month climate and seasonal forecasts can be preceded at Tel: 02-398-9929 or Fax: 02-383-8827.

- Please follow monthly climate, 3-month climate and seasonal forecasts at [www.tmd.go.th/en/](http://www.tmd.go.th/en/) at the climate tab.