



Thai Meteorological Department  
Ministry of Information and Communication  
Technology

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

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Thai Meteorological Department  
4353 Sukhumvit Road, Bangna, Bangkok 10260

*The rainy season of Thailand this year is expected that the total rain will be above last year. Whereas during middle June to middle July, the falling rain around Thailand will reduce. Thus, the dry spell period will occur causing water shortage for agriculture at many areas, especially at the repeated drought areas outside irrigation zones. While during August and September, Thailand will experience heavy to very heavy rain at many areas influencing flash flood and overflows inundating at some areas. The rainy season of this year will end at about*

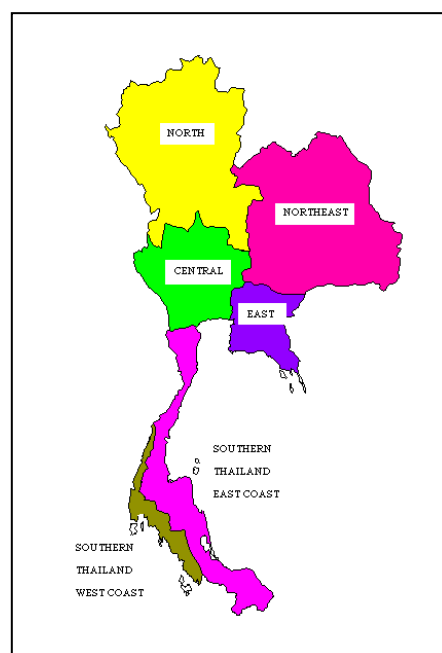
### General Weather Characteristics:

During June, the rain amount falling on Thailand will be mostly during the 1st half of this month because of the prevailing southwest monsoon over the Andaman Sea and Thailand being rather active periodically and perhaps the monsoon trough placing over the Upper Thailand at some periods.

Afterward during middle June until middle July, the amount and distribution of rain in Thailand will lessen bringing about the dry spell period causing water shortage for agriculture at many areas, especially at the repeated drought areas outside irrigation zones. This event is influenced by the prevailing southwest monsoon over the Andaman Sea and Thailand weakening and the monsoon trough moving to place over the southern portion of China.

For the period during middle July until September, more rainfall with heavy to very heavy rain at many areas will reappear in Thailand. In other words, the prevailing southwest monsoon over the Andaman Sea and Thailand will be continuously active from time to time. Moreover, the monsoon trough will move downward to place over the Upper Thailand. As a result, flash flood or flood including with overflows may inundate at many areas.

Whereas during October, the amount and distribution of rainfall around the Upper Thailand will be reduce. Also, cold or cool morning weather will start to appear at the upper portion of both of the northern and northeastern parts. While the Southern Thailand will still experience densely rainfall further specifically at the Southern Thailand (East Coast) because high pressure air mass areas from China begin to prevail over the northern and northeastern parts. Furthermore, the prevailing southwest monsoon over Thailand will start to change to be the northeastern monsoon prevailing over the Gulf of Thailand and the Southern Thailand instead. Besides, the monsoon trough will move downward to place over the eastern part and the upper portion of the Southern Thailand at some periods.



Tropical cyclones (depressions, tropical storms and typhoons): Two tropical cyclones are expected to move toward Thailand this year with a high possibility to move pass the northeastern and northern parts during August or September for 1 tropical cyclone and moving pass the Southern Thailand during October until November for another 1 tropical cyclone.

### Cautions:

1. During some periods, heavy to very heavy rain will occur continuously for many days. Consequently, flash flood or flood and overflow may inundate during August until September. Thus, the public should follow weather forecast news closely further.

3. During the periods of tropical cyclones moving closer toward or pass Thailand, gusty wind and falling rain will appear vastly with heavy to very heavy rain occurring at many areas while active wind waves as 2 -4 meters high happen at coastal areas. The public and mariners should be cautious of these natural hazards and should follow news in the time of tropical cyclones closely further.

### Details for each part of Thailand:

Northern: During June, rain is expected to be slightly below normal (Normal: 156 millimeters). Afterward, during July till October, rain will be near normal (Normal: 176, 223, 218 and 124 millimeters consecutively).

Northeastern: During June till October, rain will be near normal (Normal: 203, 211, 266, 242 and 117 millimeters consecutively).

Central: During June, rain is expected to be slightly below normal (Normal: 145 millimeters). Afterward, during July till October, rain will be near normal (Normal: 156, 181, 257 and 187 millimeters consecutively).

Eastern: During June till October, rain will be near normal (Normal: 262, 278, 303, 330 and 225 millimeters consecutively).

Southern Thailand – East Coast (the Gulf of Thailand): During June till October, rain will be near normal (Normal: 113, 119, 124, 150 and 255 millimeters consecutively).

Southern Thailand –West Coast (the Andaman Sea): During June, rain is expected to be slightly below normal (Normal: 312 millimeters). Afterward, during July till October, rain will be near normal (Normal: 337, 399, 424 and 367 millimeters consecutively).

Bangkok and Vicinity: During June till October, rain will be near normal (Normal: 157, 175, 219, 334 and 292 millimeters consecutively).

## Rainfall expectations of 2016 compared to normal:

Part	June	Jul-Aug	Sep-Oct	Nov-Dec
North	Slightly below Normal	nearly normal	nearly normal	-
Northeast	nearly normal	nearly normal	nearly normal	-
Central	Slightly below Normal	nearly normal	nearly normal	-
East	nearly normal	nearly normal	nearly normal	-
Southern Thailand East Coast	nearly normal	nearly normal	nearly normal	nearly normal
Southern Thailand West Coast	Slightly below 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	Jun	Jul	Aug	Sep	Oct	Nov	Dec
North	120-160	160-200	200-250	200-250	100-140	-	-
Northeast	180-220	190-230	240-290	220-270	100-140	-	-
Central	110-150	140-180	160-210	230-280	160-210	-	-
East	240-290	250-300	280-330	300-400	200-250	-	-
Southern Thailand East Coast	900-130	100-140	100-140	130-170	230-280	300-400	210-260
Southern Thailand West Coast	260-310	300-400	350-450	400-500	300-400	170-220	60-90
Bangkok Metropolis and Vicinity	140-180	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 June 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.