



Thai Meteorological Department

Ministry of Information and Communication
Technology

The Seasonal forecast of Thailand during the Rainy Season of 2016

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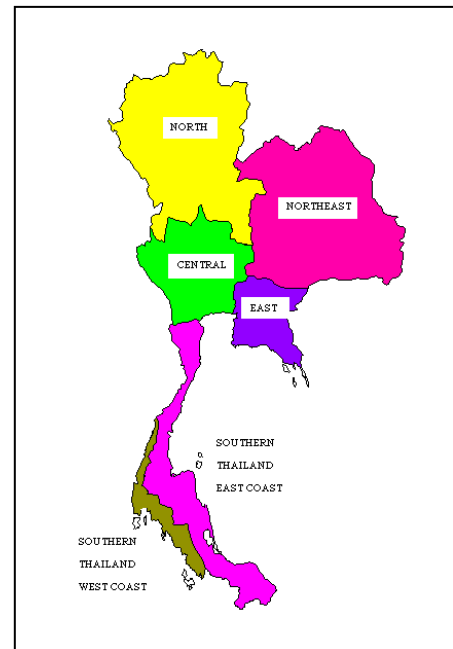
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The rainy season of Thailand this year is expected that the total seasonal rain will be above that of last year but being near normal. Whereas during August and September, Thailand will experience heavy to very heavy rain at many areas. For this reason, flash flood will overflow at some areas. The rainy season of this year will end at about middle October.

General Weather Characteristics:

During August and 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, during the second half of this month, 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 August and September rain is expected to be slightly above normal (Normal: 223 and 218 millimeters consecutively). Afterward, in October, rain will be near normal (Normal: 124 millimeters).

Northeastern: During August and September rain is expected to be slightly above normal (Normal: 266 and 242 millimeters consecutively). Afterward, in October, rain will be near normal (Normal: 117 millimeters).

Central: During August to October, rain will be near normal (Normal: 181, 257 and 187 millimeters consecutively).

Eastern: During August and September rain is expected to be slightly above normal (Normal: 303 and 330 millimeters consecutively). Afterward, in October, rain will be near normal (Normal: 225 millimeters).

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

Southern Thailand –West Coast (the Andaman Sea): During August and September rain is expected to be slightly above normal (Normal: 399 and 424 millimeters consecutively). Afterward, in October, rain will be near normal (Normal: 367 millimeters).

Bangkok and Vicinity: During August and September rain is expected to be slightly above normal (Normal: 219 and 334 millimeters consecutively). Afterward, in October, rain will be near normal (Normal: 292 millimeters).

Rainfall expectations of 2016 compared to normal:

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

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

Part	Aug	Sep	Oct	Nov	Dec
North	220-270	210-260	100-140	-	-
Northeast	260-310	240-290	100-140	-	-
Central	160-200	240-290	170-220	-	-
East	300-400	300-400	200-250	-	-
Southern Thailand East Coast	100-140	130-170	230-280	300-400	210-260
Southern Thailand West Coast	400-500	400-500	300-400	170-220	60-90
Bangkok Metropolis and Vicinity	210-260	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 August 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/ at the climate tab.