



The Seasonal forecast of Thailand during the Rainy Season of 2017

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The rainy season of Thailand this year is expected to the total rain of this rainy season will be near normal. While during first half of July, the amount and distribution of rain is little; thus, water shortage for agricultural consumption happens at many areas, especially at those areas outside irrigation zones. The public then should utilize water most effectively. Later in August until September, heavy to very heavy rain will happen in Thailand for many areas. As a result, overflowing from flash will inundate some areas. The rainy season is end at about middle October.

General Weather Characteristics:

During first half of July, the amount and distribution of rain will lessen. Thus, the dry spell period will occur causing water shortage for agricultural consumption at many areas, specifically at the repeated drought areas outside irrigation zones. In other words, the southwestern monsoon prevailing over the Andaman Sea and Thailand will become weakening while the monsoon trough moves upward to place over the southern portion of China.

While during middle July until September, more rain will appear again in Thailand along with heavy to very heavy rain at many areas, mostly during August and September. Consequently, overflowing from flash and forest flood will inundate many areas. In other words, the southern monsoon prevailing over the Andaman Sea and Thailand will become more active periodically together with the monsoon trough moves downward to place over the Upper Thailand periodically and more continuously.

In October, rain in the northern and northeastern parts will reduce and chilly morning weather starts to appear, specifically at the upper portion. Whereas densely abundant rain in the central and eastern parts and the Southern Thailand will occur further due to high-pressure air mass areas from China starting to prevail over the northern and northeastern parts. Additionally, the monsoon trough will move downward to place over the lower portion of the central part, the upper portion of the Southern Thailand, and the eastern part. Besides, the southwestern monsoon prevailing over Thailand will transform to become the prevailing northeastern monsoon instead.

Tropical cyclones (depressions, tropical storms and typhoons) For the rainy season of this year, two tropical cyclones are expected to move toward Thailand. They favor a high chance to move pass the northeastern and northern parts in August or September.

Cautions:

1. At some periods, heavy to very heavy rain occurs continuously for many days. Thus, possible overflowing from flash and forest flood will inundate, specifically in August till September. The public then should follow weather forecast news closely.

2. During the period of tropical cyclones moving close or pass Thailand, their appearances are gusty wind, widely raining, and heavy to very heavy rain at many areas. Furthermore, active wind waves happen at coastal zones as 2 – 4 meters high. As a result, the public and mariners should be cautious with this natural hazard and should follow weather forecast news closely during the tropical cyclone periods.

Details for each part of Thailand:

Northern: July, August and October; rain is expected to be nearly normal (Normal: 176, 223 and 124 millimeters consecutively). September, rain is expected to be above normal 15 % (Normal 218 millimeters).

Northeastern: July and September; rain is expected to be above normal 25 and 20 % (Normal 211 and 242 millimeters). August; rain is expected to be below normal 10 % (Normal: 266 millimeters). October; rain is expected to be nearly normal (Normal: 117 millimeters).

Central: July, August and October; rain is expected to be nearly normal (Normal: 156, 181 and 187 millimeters consecutively). September, rain is expected to be above normal 15 % (Normal 257 millimeters).

Eastern: July; rain is expected to be above normal 20% (Normal 278 millimeters). August; rain is expected to be below normal 20% (Normal 303 millimeters). September and October, rain is expected to be near normal (Normal: 303 and 225 millimeters consecutively).

Southern Thailand – East Coast (the Gulf of Thailand): July, September and October; rain is expected to be nearly normal (Normal: 119, 150 and 225 millimeters consecutively). August; rain is expected to be above normal 10% (Normal 124 millimeters).

Southern Thailand –West Coast (the Andaman Sea): Since July until September, rain is expected to be below normal 10, 5 and 20% (Normal: 337, 399 and 424 millimeters consecutively). October; rain is expected to be nearly normal (Normal: 367 millimeters).

Bangkok and Vicinity: July, August and October; rain is expected to be nearly normal (Normal: 175, 219 and 292 millimeters consecutively). September, rain is expected to be above normal 10 % (Normal 334 millimeters).

Rainfall expectations of 2017 compared to normal:

Part	July	Aug	Sep-Oct	Nov-Dec
North	nearly normal	Above normal 5%	Above normal 10%	-
Northeast	Above normal 25%	Below normal 10%	Above normal 10%	-
Central	nearly normal	Below normal 5%	Above normal 10%	-
East	Above normal 20%	Below normal 20%	nearly normal	-
Southern Thailand East Coast	Above normal 5%	Above normal 10%	nearly normal	nearly normal
Southern Thailand West Coast	Below normal 10%	Below normal 5%	Below normal 20%	nearly normal
Bangkok Metropolis and Vicinity	nearly normal	Above normal 5%	Above normal 10%	-

Rainfall amount expectations (millimeters) during the rainy season of 2017:

Part	Jul	Aug	Sep	Oct	Nov	Dec
North	130-210	190-280	210-280	100-140	20-40	Less Than 10
Northeast	210-320	200-300	240-330	100-140	15-30	Less Than 10
Central	110-190	130-210	260-340	160-200	30-50	Less Than 10
East	260-360	190-310	290-400	200-250	40-60	Less Than 10
Southern Thailand East Coast	90-160	100-170	110-170	230-280	330-380	210-260
Southern Thailand West Coast	220-390	310-460	250-380	300-400	170-220	60-90
Bangkok Metropolis and Vicinity	130-210	160-270	320-390	270-320	40-60	Less Than 10

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 2017.

- 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.