

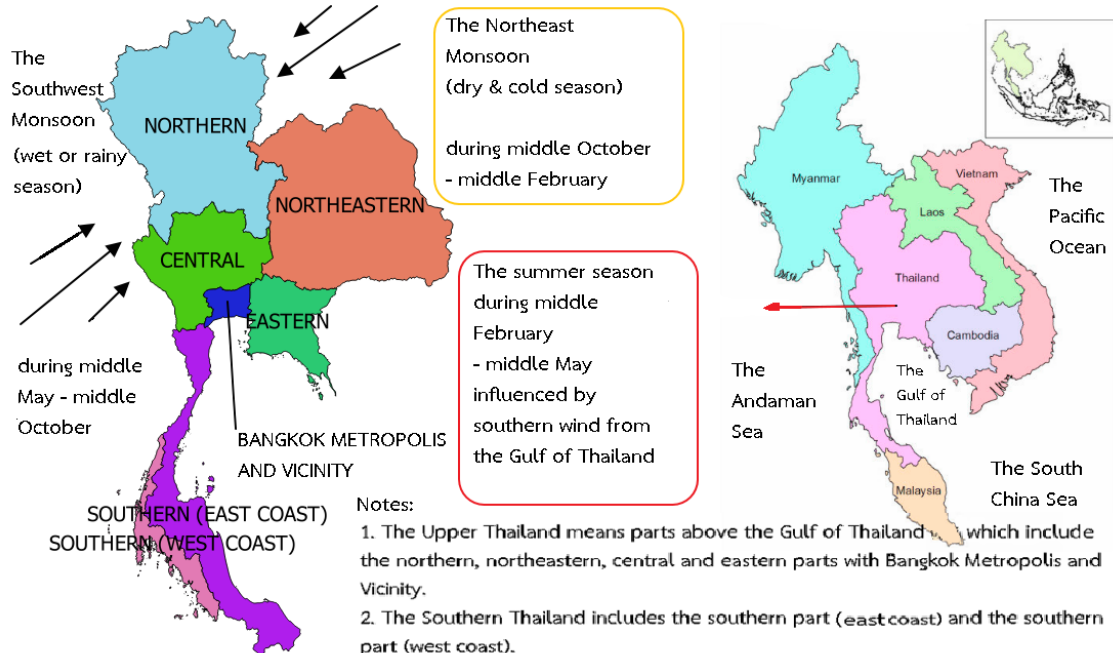


The 2022 rainy season overview

The rainy season of Thailand this year is expected the total rainfall of the whole country during this rainy season will be 5 % above normal but less than last year. (The total rainfall last year during the rainy season is 8 percent more than normal value, while in whole year is more than the normal 11 percent). For the first half of the rainy season (mid-May to July) the total amount of rain in upper Thailand will be 3 percent over than normal but in southern Thailand will be near normal. While the second half of the rainy season (September to mid-October) the total amount of rain will be 3 percent over than normal. The rainy season will end in mid-October 2022.

While in August until September, heavy to very heavy rain will happen in Thailand for many areas. As a result, overflowing from flash and forest flood will inundate some areas.

The below Image illustrates 7 parts of Thailand with seasons and Monsoons or wind:



Tropical cyclones (depressions, tropical storms and typhoons): For the rainy season of this year, 2 tropical cyclones are expected to move toward Thailand. It favors a high chance to move pass the northeastern and northern parts in August or September.

## Seasonal Outlook

**During August and September,** The rainfall will be mostly 60-80% of the area along with heavy rain amount at many areas and very heavy rain amount at some areas. Consequently, flash and forest flood together with overflow would feasibly appear at many areas. The reason is that the Southwest Monsoon prevailing over the Andaman Sea and Thailand comes back actively and continuously. The Monsoon will become active periodically while the monsoon trough prevails over the Upper Thailand occasionally.

**For October,** the northern and northeastern parts will meet less rainfall and start to meet morning chilly weather, especially at the upper parts. Nevertheless, the central and eastern part and the Southern Thailand will still meet densely abundant rainfall further together with heavy rain amount at many areas and very heavy rain amount at some areas. The reason is that high-pressure air mass areas from China will begin to prevail over the upper portion of both of the northern and northeastern parts. In addition, the Southwest Monsoon trough will move downward to prevail over the lower portion of the central part, the upper portion of the Southern Thailand and the eastern part. Moreover, the former prevailing Southwest Monsoon over Thailand will transform to become the prevailing Northeast Monsoon instead.

### Details for each part are as the following:

**The Northern part:** For August and September the total rain amount is expected to be near normal (normal: 237 and 222 mm consecutively). While October the total rain amount will be 20% above normal (normal: 117 mm).

**The Northeastern part:** For August the total rain amount is expected to be near normal (normal: 276 and 256 mm consecutively). While October the total rain amount will be 20% above normal (normal: 105 mm).

**The central part:** For August the total rain amount is expected to be 5% below normal (normal: 173 mm). While September the total rain amount will be near normal (normal: 238 mm). For October the total rain amount will be 10% above normal (normal: 183 mm).

**The eastern part:** For August the total rain amount is expected to be 5% below normal (normal: 285 mm). While September the total rain amount will be near normal (normal: 353 mm). For October the total rain amount will be 10% above normal (normal: 219 mm).

**The Southern Thailand (east coast: The Gulf of Thailand):** For August the total rain amount is expected to be near normal (normal: 131 mm). While September the total rain amount will be 5% below normal (normal: 147 mm). For October the total rain amount will be 10% above normal (normal: 254 mm).

**The Southern Thailand (west coast: The Andaman Sea):** For August and September the total rain amount is expected to be 5% below normal (normal: 419 and 426 mm consecutively). For October the total rain amount will be 10% above normal (normal: 370 mm).

**Bangkok Metropolis and Vicinity:** For August and September the total rain amount is expected to be near normal (normal: 212 and 326 mm consecutively). While October the total rain amount will be 20% above normal (normal: 289 mm).

Caution:

*1. Sometimes, heavy to very heavy rain amounts occur continuously for many days. As a result, flash with overflow may inundate, specifically during August until September. Thus, the public should follow the daily weather forecast news closely further.*

*2. During the period of tropical cyclones moving near or pass Thailand, gusty wind and raining at extra huge areas with heavy to very heavy rain amount will occur at many areas. Furthermore, gusty wind waves will appear at coastal areas; wave height may reach 3 - 4 meters at some periods. Thus, the public and mariners should be cautious of these natural hazards and follow the news attentively during the tropical cyclone periods further.*

## The 2022 rain prediction comparing with normal

Part	August	September	October
Northern	Near Normal	Near Normal	20% Above Normal
Northeastern	Near Normal	Near Normal	20% Above Normal
Central	5% Below Normal	Near Normal	20% Above Normal
Eastern	5% Below Normal	Near Normal	20% Above Normal
Southern (The Gulf of Thailand)	Near Normal	5% Below Normal	10% Above Normal
Southern (The Andaman Sea)	5% Below Normal	5% Below Normal	10% Above Normal
Bangkok Metropolis and Vicinity	Near Normal	Near Normal	20% Above Normal

## Rain amount (millimeters) prediction for the 2022 rainy season

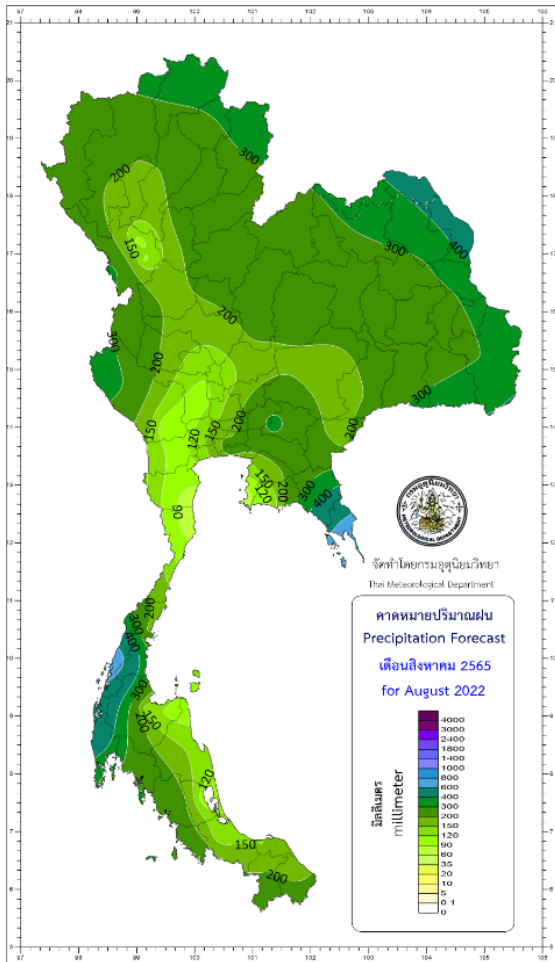
Part	August	September	October
Northern	210-260	200-250	120-160
Northeastern	240-290	230-280	110-150
Central	160-200	230-280	190-230
Eastern	250-300	330-380	210-260
Southern (The Gulf of Thailand)	110-150	120-160	240-290
Southern (The Andaman Sea)	370-420	380-430	380-430
Bangkok Metropolis and Vicinity	200-250	310-360	280-330

### Remarks:

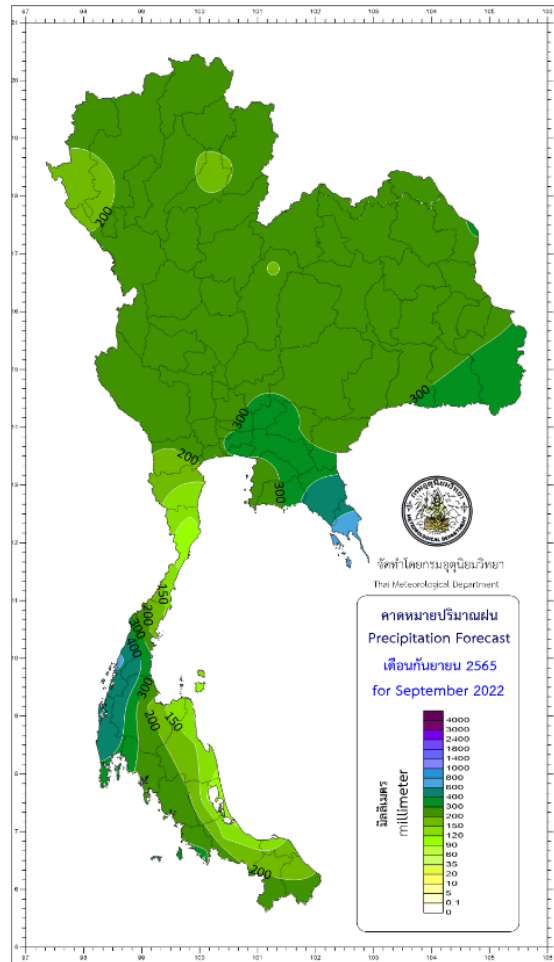
- Normal means average during the 30-year period (A.D. 1991 – 2020 or B.E. 2534 – 2563).
- This long-range climate forecast is created by applying some climate models and statistical methods, please follow daily weather forecast for more accuracy.
- The next updated seasonal forecast may be published online before the end of next month.
- Further enquiry of monthly climate, 3-month climate and seasonal forecasts can be preceded at Tel: (662)-398-9929 or Fax: (662)-383-8827 and [www.tmd.go.th/en](http://www.tmd.go.th/en), climate tab.

# Prediction rainfall in Thailand. (Millimeter)

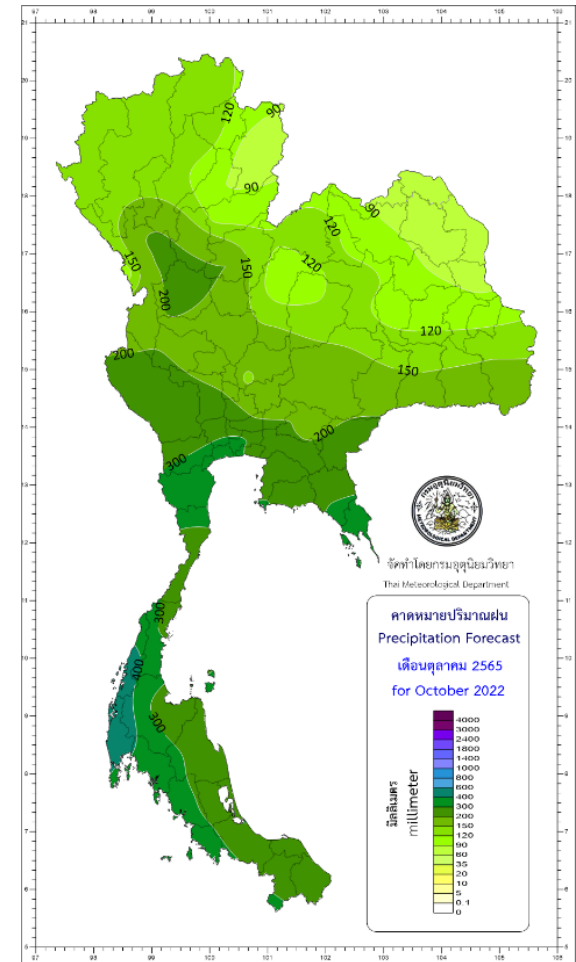
August 2022



September 2022

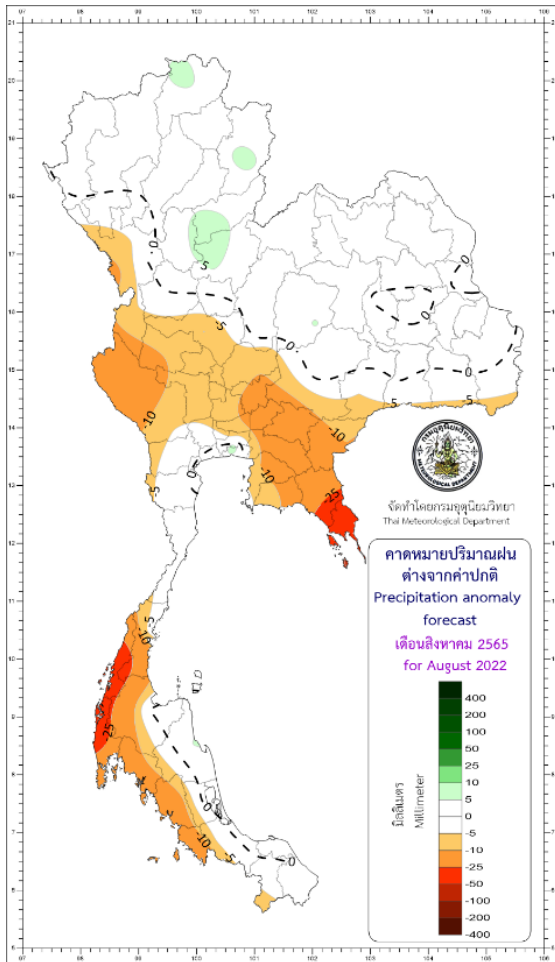


October 2022

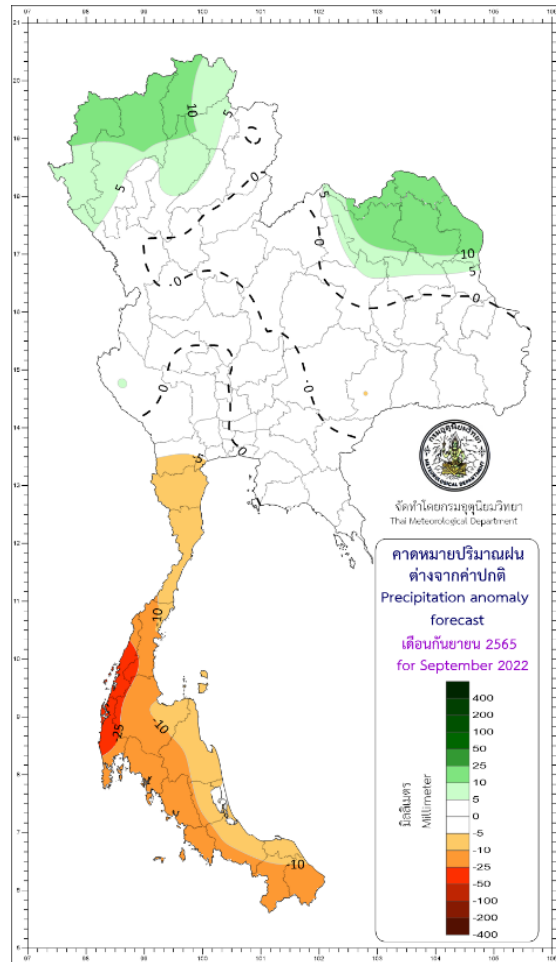


# Prediction rainfall in Thailand compare with normal. (Millimeter)

August 2022



September 2022



October 2022

