



Thai Meteorological Department

Three-Month Weather Forecast for Thailand
During October - December 2013
Issued on 25th October 2013

General Climatic Conditions

Upper Thailand (The Northern, Northeastern, Central and Eastern parts)

During November: Rather strong high pressure air masses from China will prevail to cover upper Thailand from time to time causing Northern and Northeastern parts to have general cold and cool air with morning fog. Additionally, Central and Eastern parts will have cool air mostly at the upper portion with morning fog.

During December till January: High pressure air masses from China will prevail to cover upper Thailand from time to time too with increasing strength and continuity. This causes much temperature reduction, generally cold or cool air in the Northern and Northeastern parts with very cold air in some areas at the upper portion with morning fog or mist. Additionally, the Central and Eastern parts will have general cool air and cold air in some areas on some days with morning fog or mist. Furthermore, mountain tops or mountainous areas will be cold to very cold with frosting dew on some days.

The summarized amount of rainfall will be nearly normal, while average temperatures will mostly be slightly above normal.

The Southern Thailand:

During November till January: Strong northeastern monsoon will prevail to cover the Gulf of Thailand and Southern Thailand from time to time. Additionally, a monsoon trough will prevail over the central and lower portion of Southern Thailand during November and December respectively. This causes to have the Southern Thailand to have abundant rainfall with heavy to very heavy falls in many areas, especially the eastern coast from Chumporn province downwards. Additionally, flash floods and flooding situations will occur in many areas. Waves in the Gulf of Thailand will be 1-2 meters high. While during the strong monsoon, waves will be 2-3 meters high and waves in the Andaman Sea will be 1 meter high.

For some periods during the 2nd half of January: Easterly and southeasterly winds will prevail over Southern Thailand. This causes the Southern Thailand to have reducing rainfall in general, while waves in the Gulf of Thailand and the Andaman Sea will be about 1 meter high.

The most summarized amount of rainfall will be nearly normal, while average temperatures will be slightly above normal.

+++ Warnings +++

During November and December: There will always be low pressure cells forming in the lower portion of the South China Sea and strengthening to be tropical cyclones (depressions, tropical storms, and typhoons). They favor a high chance to move pass the Gulf of Thailand toward Southern Thailand. This causes rain falling in wide areas with heavy to very heavy falls in many areas. Waves in the Gulf of Thailand will be strong with 2-4 meters high. And possible storm surges around the eastern coast of the Southern Thailand. People should follow weather news from the Thai Meteorological Department closely.

During January: Possible westerly air waves from Myanmar passing upper Thailand causes the area to have thunder showers, gusty winds in some areas with possible hails.

Details of the weather forecasts for each part of Thailand
During November 2013 – January 2014 are as follows:

| Parts | Temperatures/ Rainfall amounts | November | December | January | |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Northern Part | Average Maximum Temperatures (°C.) | 30-32 | 29-31 | 30-32 | |
| | Average Minimum Temperatures (°C.) | 19-21 | 16-18 | 15-17 | |
| | Rainfall Amounts (mm. = Millimeters.) |  20 - 40 |  less than 10 |  less than 10 | |
| Northeastern Part | Average Maximum Temperatures (°C.) | 30-32 | 29-31 | 30-32 | |
| | Average Minimum Temperatures (°C.) | 19-21 | 17-19 | 16-18 | |
| | Rainfall Amounts (mm. = Millimeters.) |  10 - 30 |  less than 10 |  less than 10 | |
| Central Part | Average Maximum Temperatures (°C.) | 31-33 | 31-33 | 32-34 | |
| | Average Minimum Temperatures (°C.) | 22-24 | 19-21 | 19-21 | |
| | Rainfall Amounts (mm. = Millimeters.) |  30 - 50 |  less than 10 |  less than 10 | |
| Eastern Part (Including its coastal zones) | Average Maximum Temperatures (°C.) | 32-34 | 31-33 | 31-33 | |
| | Average Minimum Temperatures (°C.) | 23-25 | 21-23 | 20-22 | |
| | Rainfall Amounts (mm. = Millimeters.) |  40 - 60 |  less than 10 |  10 - 20 | |
| Southern Part (East Coast) | Average Maximum Temperatures (°C.) | 30-32 | 29-31 | 30-32 | |
| | Average Minimum Temperatures (°C.) | 23-25 | 22-24 | 21-23 | |
| | Rainfall Amounts (mm. = Millimeters.) |  300 - 400 |  200 - 250 |  50 - 80 | |
| Southern Part (West Coast) | Average Maximum Temperatures (°C.) | 31-33 | 31-33 | 31-33 | |
| | Average Minimum Temperatures (°C.) | 23-25 | 23-25 | 22-24 | |
| | Rainfall Amounts (mm. = Millimeters.) |  160 - 200 |  60 - 90 |  20 - 40 | |
| Bangkok Metropolis and Neighbor Provinces | Average Maximum Temperatures (°C.) | 32-34 | 31-33 | 32-34 | |
| | Average Minimum Temperatures (°C.) | 23-25 | 22-24 | 22-24 | |
| | Rainfall Amounts (mm. = Millimeters.) |  40 - 60 |  less than 10 |  10 - 20 | |
|  | Partly cloudy |  | Isolated thundershowers |  | Widely scattered thundershowers with heavy falls in some areas |
|  | Scattered thundershowers with heavy falls in some areas |  | Scattered to almost widespread thundershowers with heavy falls in some areas |  | Scattered to almost widespread thundershowers with heavy to very heavy falls in some areas |

Expected rainfall amounts: above or below from normal

| Parts | November | December | January |
|----------------------------------------------|-----------------------|---------------|---------------|
| Northern | Nearly normal | Nearly normal | Nearly normal |
| Northeastern | Nearly normal | Nearly normal | Nearly normal |
| Central | Nearly normal | Nearly normal | Nearly normal |
| Eastern | Nearly normal | Nearly normal | Nearly normal |
| Southern Part (East Coast) | Slightly below normal | Nearly normal | Nearly normal |
| Southern Part (West Coast) | Slightly below normal | Nearly normal | Nearly normal |
| Bangkok Metropolis and Neighbor Provinces | Nearly normal | Nearly normal | Nearly normal |

Expected temperatures: above or below from normal

| Parts | November | December | January |
|----------------------------------------------|-----------------------|-----------------------|---------------|
| Northern | Slightly above normal | Slightly above normal | Nearly normal |
| Northeastern | Slightly above normal | Slightly above normal | Nearly normal |
| Central | Slightly above normal | Slightly above normal | Nearly normal |
| Eastern | Slightly above normal | Slightly above normal | Nearly normal |
| Southern Part (East Coast) | Slightly above normal | Slightly above normal | Nearly normal |
| Southern Part (West Coast) | Slightly above normal | Slightly above normal | Nearly normal |
| Bangkok Metropolis and Neighbor Provinces | Slightly above normal | Slightly above normal | Nearly normal |

Remarks:

- Normals mean averages during 30-year period (B.E. 2524 – 2553 or A.D. 1981 - 2010)
- These expectations are long range climatological forecasts by using climatological models and statistical methods. Readers should follow daily weather forecasts from the Thai Meteorological Department.
- The next 3-month expectation will be at the last week in November 2013.
- Enquire the 3-month weather forecasts at Tel. 02-398-9939, Tel./Fax. 02-383-8827 or at Websites: www.tmd.go.th, or www.weather.go.th

Climatological Center, Meteorological Development Bureau,
Thai Meteorological Department, Ministry of Information and Communication Technology