



## Three-Month Weather Forecast for Thailand During January – March 2014 Issued on 24<sup>th</sup> December 2013

Thai Meteorological Department

### General Climatic Conditions:

#### Upper Thailand (above the Gulf of Thailand:-

#### Northern, Northeastern, Central and Eastern parts of Thailand):

##### **During January:**

High pressure air masses from China still extend to cover upper Thailand rather actively from time to time and continuously. This causes the area still to be cold or cool generally, especially at Northern and Northeastern parts. For mounts and mountainous areas, they will be cold to very cold with thick fog in many areas, and frost may happen on some days.

##### **Then during February:**

Weather will be variable. High pressure air masses from China extend to cover upper Thailand weaken discontinuously, this causes upper Thailand begin to be warmer with thick fog in many areas. But many areas of the Northern and Northeastern parts still are cold or cool in the morning. Thunderstorms may occur on some days especially during the first half of the month. Furthermore, the weather begins to be hot during daytime, especially at the second half of this month.

##### **Then during March:**

On some days during the first or the second week, the high pressure air masses may still cover upper portion of the Northern and Northeastern parts causing the affected areas to be cool in the morning. Then southerly or southeasterly winds prevailing over upper Thailand almost all of this month and heat low pressure air masses covering upper Thailand during some periods cause upper Thailand to be hot to very hot generally during some periods especially at the end of this month. Maximum temperatures are 41 – 43 °C together with thunderstorms in many areas causes some heat reduction.

The summarized rain and average temperature will be mostly near normal.

### The Southern Thailand:

##### **During the beginning and the middle of January:**

Northeastern monsoon still prevailing over the Gulf of Thailand and Southern Thailand rather actively from time to time causes abundant rain with heavy to very heavy falls in some areas. Waves in the Gulf of Thailand will be 1 – 2 meters high whereas during the active monsoon the waves will be 2–3 meters high. On the other hand, waves in the Andaman Sea will be about 1 meter high.

##### **Then during the end of January until March:**

Easterly or southeasterly winds prevail over the Gulf of Thailand and the Southern Thailand causing both coasts of the Southern Thailand to have isolated to widely scattered rain (10-30% of the area). Southern Thailand begins to be hot on some days while waves over the Gulf of Thailand and the Andaman Sea will be 1 meter high.

The summarized rain will be nearly normal while average temperature will be slightly above normal.

+ + + Warnings + + +

During January: There will always be low pressure cells forming in the lower portion of the South China Sea. They favor a high chance to move pass the Gulf of Thailand toward the Southern Thailand and Malaysia. This causes heavy to very heavy rains on many areas. Waves in the Gulf of Thailand will be strength and 2 – 3 meters high.

Then during January and February: Always westerly trough from Myanmar passing over upper Thailand causes the area to have thunderstorms and gusty winds in some areas with possible hails. People should follow weather forecast news from the Thai Meteorological Department closely.

Then during March: Always thunderstorms happen often. Some of these thunderstorms, gusty winds and possible hails cause damages for housing, building and farming areas.

Remarks:

- Normal mean averages during 30-year period (B.E. 2524 – 2553 or A.D. 1981 - 2010)
- These expectations are long range climatic forecasts by using climatic models and statistical methods. Readers should follow daily weather forecasts from the Thai Meteorological Department to be informed of detailed daily weather characteristics.
- The next 3-month prediction will be at the last week in January 2013.
- Please enquire the 3-month weather forecasts at Tel. 02-398-9939, Tel./Fax. 02-383-8827 or at Website: <http://www.tmd.go.th>

Climatological Center, Meteorological Development Bureau,  
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Approximations and normal of temperatures and rainfall amounts for each part of Thailand during January – March 2014 are as follows:

Parts	Approximations and (Normal) of Temperatures/Rains	January 2014	February 2014	March 2014
Northern Part	Average Maximum Temperatures : °C Normal	30-32 31.1	33-35 33.7	35-37 36.1
	Average Minimum Temperatures : °C Normal	15-17 15.6	16-18 17.2	20-22 20.4
	Rain Amounts (Millimeters) / Rainy days Normal	Less than 10/ 1-3 4.6 / 1.0	Less than 10/ 1-3 10.4 / 1.4	20-40 / 3-5 28.1 / 3.1
North-eastern Part	Average Maximum Temperatures : °C Normal	30-32 30.6	33-35 33.0	34-36 35.1
	Average Minimum Temperatures : °C Normal	16-18 17.1	19-21 19.7	22-24 22.4
	Rain Amounts (Millimeters) / Rainy days Normal	Less than 10/ 1-3 4.8 / 1.1	15-30 / 2-4 18.5 / 2.5	30-50 / 4-6 44.7 / 4.8
Central Part	Average Maximum Temperatures : °C Normal	32-34 32.7	34-36 34.6	35-37 36.1
	Average Minimum Temperatures : °C Normal	19-21 20.1	21-23 22.2	23-25 24.1
	Rain Amounts (Millimeters) / Rainy days Normal	Less than 10/ 1-3 6.7 / 1.1	10-20 / 1-3 12.3 / 1.6	30-50 / 3-5 36.0 / 3.4
Eastern Part (Including its coastal zones)	Average Maximum Temperatures : °C Normal	31-33 32.1	32-34 32.9	33-35 33.8
	Average Minimum Temperatures : °C Normal	20-22 21.4	22-24 23.4	24-26 24.9
	Rain Amounts (Millimeters) / Rainy days Normal	10-20 / 1-3 16.1 / 1.8	20-40 / 2-4 29.4 / 3.1	50-80 / 5-7 62.5 / 5.4
Southern Part (East Coast)	Average Maximum Temperatures : °C Normal	30-32 30.3	31-33 31.4	32-34 32.6
	Average Minimum Temperatures : °C Normal	21-23 22.2	22-24 22.7	23-25 23.7
	Rain Amounts (Millimeters) / Rainy days Normal	50-80 / 6-9 59.7 / 7.2	30-50 / 3-5 34.5 / 3.7	50-80 / 5-7 68.4 / 5.4
Southern Part (West Coast)	Average Maximum Temperatures : °C Normal	32-34 32.6	33-35 33.8	34-36 34.4
	Average Minimum Temperatures : °C Normal	22-24 22.8	22-24 23.0	23-25 23.7
	Rain Amounts (Millimeters) / Rainy days Normal	20-40 / 3-5 26.4 / 4.2	20-40 / 3-5 27.5 / 3.6	70-100 / 7-9 89.1 / 7.6
Bangkok Metropolis and Neighbor Provinces	Average Maximum Temperatures : °C Normal	32-34 32.5	33-35 33.3	34-36 34.3
	Average Minimum Temperatures : °C Normal	22-24 22.6	23-25 24.4	25-27 25.9
	Rain Amounts (Millimeters) / Rainy days Normal	10-20 / 1-3 13.3 / 1.7	15-30 / 2-4 20.0 / 2.5	30-50 / 3-5 42.1 / 3.6