



Three-Month Weather Forecast for Thailand During February – April 2014 Issued on 23th January 2014

General Climatic Conditions:

Upper Thailand (above the Gulf of Thailand):-

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

During February:

Weather will be variable. Cold or cool in the morning mainly Northern and Northeastern parts, with thunderstorms on some days.

Then the first half of March:

High pressure air masses from China extend to cover upper Thailand weaken from time to time and discontinuously. In addition, southerly or southeasterly winds prevailing over upper Thailand on some days. This cause upper Thailand beginning to be warmer with thick fog in many areas and hot in day time. While many areas in Northern and Northeastern parts stilled cold or cool in the morning with isolated thunderstorms on some days.

During the second half of March to April:

Heat low pressure air masses covering upper Thailand from time to time, furthermore southerly or southeasterly winds prevailing over upper Thailand almost of this period. Cause upper Thailand to be hot to very hot generally during some periods especially at the end of March to beginning of April. Maximum temperatures are 42 – 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 February middle April:

Easterly or southeasterly winds prevail over the Gulf of Thailand and the Southern Thailand almost of this period. Cause both coasts of the Southern Thailand to have isolated to widely scattered rain (10-30% of the areas) and hot on some days. While waves high over the Gulf of Thailand and the Andaman Sea will be 1 meter.

Then during the end of April:

Southwest monsoon will start to be prevailing over the Andaman Sea and Southern Thailand. Cause Southern Thailand increasing in rainfall as well as the wave in the Andaman Sea will be strength and wave heights will approximately be 2 meters.

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

+ + + Warnings + + +

During 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.

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

Then the end of April: A low pressure may form over the Andaman Sea before developing into a tropical cyclone which tends to move northwardly or northeastwardly, toward the western side of Thailand. This situation will bring more abundant rainfall in the Northern Region, the Central Region, and the Southern Region.

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 February 2014.
- 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,
Thai Meteorological Department, Ministry of Information and Communication Technology

Approximations and normal of temperatures and rainfall amounts for each part of Thailand during February – April 2014 are as follows:

Parts	Approximations and (Normal) of Temperatures/Rains	February	March	April
Northern Part	Average Maximum Temperatures : °C Normal	33-35 33.7	35-37 36.1	36-38 37.1
	Average Minimum Temperatures : °C Normal	16-18 17.2	20-22 20.4	23-25 23.4
	Rain Amounts (Millimeters) / Rainy days Normal	Less than 10 / 1-3 10.4 / 1.4	20-40 / 3-5 28.1 / 3.1	50-80 / 6-8 71.3 / 7.0
North-eastern Part	Average Maximum Temperatures : °C Normal	32-34 33.0	34-36 35.1	35-37 36.1
	Average Minimum Temperatures : °C Normal	19-21 19.7	22-24 22.4	24-26 24.5
	Rain Amounts (Millimeters) / Rainy days Normal	15-30 / 2-4 18.5 / 2.5	30-50 / 4-6 44.7 / 4.8	70-100 / 7-9 86.3 / 8.0
Central Part	Average Maximum Temperatures : °C Normal	34-36 34.6	35-37 36.1	36-38 37.0
	Average Minimum Temperatures : °C Normal	21-23 22.2	23-25 24.1	25-27 25.5
	Rain Amounts (Millimeters) / Rainy days Normal	10-20 / 1-3 12.3 / 1.6	30-50 / 3-5 36.0 / 3.4	60-90 / 6-8 79.6 / 6.4
Eastern Part (Including its coastal zones)	Average Maximum Temperatures : °C Normal	32-34 32.9	33-35 33.8	34-36 34.7
	Average Minimum Temperatures : °C Normal	23-25 23.4	24-26 24.9	25-27 25.9
	Rain Amounts (Millimeters) / Rainy days Normal	20-40 / 2-4 29.4 / 3.1	50-80 / 5-7 62.5 / 5.4	80-100 / 7-9 98.9 / 8.3
Southern Part (East Coast)	Average Maximum Temperatures : °C Normal	31-33 31.4	32-34 32.6	33-35 33.7
	Average Minimum Temperatures : °C Normal	22-24 22.7	23-25 23.7	24-26 24.6
	Rain Amounts (Millimeters) / Rainy days Normal	30-50 / 3-5 34.5 / 3.7	50-80 / 5-7 68.4 / 5.4	60-90 / 6-8 75.4 / 7.3
Southern Part (West Coast)	Average Maximum Temperatures : °C Normal	33-35 33.8	34-36 34.4	33-35 34.2
	Average Minimum Temperatures : °C Normal	22-24 23.0	23-25 23.7	23-25 24.4
	Rain Amounts (Millimeters) / Rainy days Normal	20-40 / 3-5 27.5 / 3.6	70-100 / 7-9 89.1 / 7.6	140-180 / 11-13 160.6 / 12.7
Bangkok Metropolis and Neighbor Provinces	Average Maximum Temperatures : °C Normal	33-35 33.3	34-36 34.3	35-37 35.4
	Average Minimum Temperatures : °C Normal	24-26 24.4	25-27 25.9	26-28 26.9
	Rain Amounts (Millimeters) / Rainy days Normal	15-30 / 2-4 20.0 / 2.5	30-50 / 3-5 42.1 / 3.6	80-110 / 6-8 91.4 / 6.5

Approximations and Normal of expected rains: mm. = Millimeters;

above or below from normal

Parts	February	March	April
Northern (Approximations/Normal)	Nearly normal (น้อยกว่า 10 / 10.4)	Nearly normal (20 – 40 / 28.1)	Nearly normal (50–80 / 71.3)
Northeastern (Approximations/Normal)	Nearly normal (15-30 / 18.5)	Nearly normal (30-50 / 44.7)	Nearly normal (70-100 / 86.3)
Central (Approximations/Normal)	Nearly normal (10-20 / 12.3)	Nearly normal (30-50 / 36.0)	Nearly normal (60-90 / 79.6)
Eastern (Approximations/Normal)	Nearly normal (20-40 / 29.4)	Nearly normal (50-80 / 62.5)	Nearly normal (80-110 / 98.9)
Southern Part (East Coast) (Approximations/Normal)	Nearly normal (30-50 / 34.5)	Nearly normal (50-80 / 68.4)	Nearly normal (60-90 / 75.4)
Southern Part (West Coast) (Approximations/Normal)	Nearly normal (20-40 / 27.5)	Nearly normal (70-100 / 89.1)	Nearly normal (140-180 / 160.6)
Bangkok and Neighbor Provinces (Approximations/Normal)	Nearly normal (15-30 / 20.0)	Nearly normal (30-50 / 42.1)	Nearly normal (80-110 / 91.4)

Approximations and Normals of expected Maximum/Minimum temperatures: °C;

above or below from normal

Parts	February	March	April
Northern Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 34.0/17.0 : (33.7 / 17.2)	Nearly Normal 36.0/21.0 : (36.1 / 20.4)	Nearly Normal 37.0/24.0 : (37.1 / 23.4)
Northeastern Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 33.0/20.0 : (33.0 / 19.7)	Nearly Normal 35.0/23.0 : (35.1 / 22.4)	Nearly Normal 36.0/25.0 : (36.1 / 24.5)
Central Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 35.0/22.0 : (34.6 / 22.2)	Nearly Normal 36.0/24.0 : (36.1 / 24.1)	Nearly Normal 37.0/26.0 : (37.0 / 25.5)
Eastern Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 33.0/24.0 : (32.9 / 23.4)	Nearly Normal 34.0/25.0 : (33.8 / 24.9)	Nearly Normal 35.0/26.0 : (34.7 / 25.9)
Southern Part (East Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 32.0/23.0 : (31.4 / 22.7)	Slightly Above Normal 33.0/24.0 : (32.6 / 23.7)	Nearly Normal 34.0/25.0 : (33.7 / 24.6)
Southern Part (West Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 34.0/23.0 : (33.8 / 23.0)	Slightly Above Normal 35.0/24.0 : (34.4 / 23.7)	Nearly Normal 34.0/24.0 : (34.2 / 24.4)
Bangkok and neighbor Provinces Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 34.0/25.0 : (33.3 / 24.4)	Slightly Above Normal 35.0/26.0 : (34.3 / 25.9)	Nearly Normal 36.0/27.0 : (35.4 / 26.9)

Explanations: Nearly normal means $\pm 10\%$, Slightly above/below normal means $\pm 10 - 25\%$,

And Above/below normal means \pm more than 25 %