



Three-Month Climate Characteristic Expectations of Thailand

During March - May 2014

Issued on 25th February 2014

General Climate Characteristics

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

During the first half of March: For Northern and Northeastern parts, some high pressure air masses from China still prevail over upper Thailand from time to time. This causes the area still to be cool in the morning with thick fog in many areas especially at the upper portion of these parts. Hot weather swelters during daytime, and thunder rains happen on some days in some areas. For Central and Eastern parts, the southeasterly or southerly winds prevail over this area causing sweltering weather in many areas especially at the upper portion of these parts. Additionally, some thunder rains happen on some days. Then during middle March till April: Some low pressure and heat air masses cover the upper Thailand from time to time. Additionally, the southerly or southeasterly winds cover the upper Thailand causing sweltering weather generally. Very hot air will happen on some days in some areas, mostly during late March till early April with maximum temperatures: 42 – 43 C. Thunder rains happen in many areas alternatively, thus reducing some heat. During May: The first half of May, the weather is variable as being during the transition from the summer to the rainy seasons. While the second half of May, the southwesterly monsoon will prevail over Thailand causing the upper Thailand to have abundant rainfall with heavy to very heavy rains in some areas.

The summarized rains and most average temperatures will be nearly normal.

Southern Thailand

During March till about late April: The Easterly or southeasterly winds will prevail to cover the Gulf of Thailand and Southern Thailand almost all of this period. This causes the Southern Thailand to have isolated to widely scattered rainfall with hot air on some days. Waves in the Gulf of Thailand and the Andaman Sea will be about 1 meter high. Then during late April until May: The southwesterly monsoon will start to prevail over the Andaman Sea and the Southern Thailand to have more amount and distribution of rainfall especially at the western coast. Additionally, some heavy rains happen in many areas and also very heavy rains occur in some areas. Also, winds and waves in the Andaman Sea will strengthen with 2 – 3 meters high.

The summarized rains will be slightly below normal, while average temperatures will be slightly above normal.

*** Cautions: ***

During March and April: Summer thunderstorms happen often with thunder rains and gusty characteristics and possible hails in some areas causing damages to buildings and farms. Additionally, some fire disasters and forest fires may happen in some periods. People should be cautious in using fuels for any activities during this period.

During late April and May: Some low pressure air masses may develop in the Andaman Sea, and strengthen to be depressions and possible cyclones. Their movements are toward the North to the East and may be toward the western portion of Thailand. This causes the western portion of both the Northern and Central Thailand including with the Southern Thailand to have more rainfall. People should follow weather forecasts from the Thai Meteorological Department closely.

Details for each part of Thailand are as follows:

Part	Approximations and (Normal) of Temperatures/Rains	March	April	May
Northern	Maximum temperature (°C.) Normal	35-37 36.1	36-38 37.1	34-36 34.7
	Minimum temperature (°C.) Normal	20-22 20.4	23-25 23.4	23-25 24.2
	Rainfall (mm.) / Rainy days Normal	20-40 / 3-5 28.1 / 3.1	50-80 / 6-8 71.3 / 7.0	150-200 / 14-16 177.8 / 15.5
Northeastern	Maximum temperature (°C.) Normal	34-36 35.1	35-37 36.1	34-36 34.4
	Minimum temperature (°C.) Normal	22-24 22.4	24-26 24.5	24-26 24.8
	Rainfall (mm.) / Rainy days Normal	30-50 / 4-6 44.7 / 4.8	70-100 / 7-9 86.3 / 8.0	160-210 / 15-17 187.1 / 15.3
Central	Maximum temperature (°C.) Normal	35-37 36.1	36-38 37.0	34-36 35.2
	Minimum temperature (°C.) Normal	23-25 24.1	25-27 25.5	25-27 25.5
	Rainfall (mm.) / Rainy days Normal	30-50 / 3-5 36.0 / 3.4	60-90 / 6-8 79.6 / 6.4	150-200 / 13-15 172.1 / 14.3
Eastern (Including coastal areas)	Maximum temperature (°C.) Normal	33-35 33.8	34-36 34.7	33-35 33.7
	Minimum temperature (°C.) Normal	24-26 24.9	25-27 25.9	25-27 25.8
	Rainfall (mm.) / Rainy days Normal	50-80 / 5-7 62.5 / 5.4	80-110 / 7-9 98.9 / 8.3	200-250 / 15-17 223.8 / 15.8
Southern (east coast)	Maximum temperature (°C.) Normal	32-34 32.6	33-35 33.7	33-35 33.5
	Minimum temperature (°C.) Normal	23-25 23.7	24-26 24.6	24-26 24.9
	Rainfall (mm.) / Rainy days Normal	40-70 / 5-7 68.4 / 5.4	50-80 / 6-8 75.4 / 7.3	120-160 / 6-8 143.7 / 14.3
Southern (west coast)	Maximum temperature (°C.) Normal	34-36 34.4	34-36 34.2	32-34 32.7
	Minimum temperature (°C.) Normal	23-25 23.7	24-26 24.4	24-26 24.6
	Rainfall (mm.) / Rainy days Normal	70-100 / 7-9 89.1 / 7.6	130-170 / 12-14 160.6 / 12.7	270-320 / 19-21 308.4 / 19.9
Bangkok Metropolis And its Vicinity	Maximum temperature (°C.) Normal	34-36 34.3	35-37 35.4	34-36 34.4
	Minimum temperature (°C.) Normal	25-27 25.9	26-28 26.9	25-27 26.3
	Rainfall (mm.) / Rainy days Normal	30-50 / 3-5 42.1 / 3.6	70-100 / 6-8 91.4 / 6.5	220-270 / 16-18 247.7 / 16.2

Expected rainfall, above – below normal

Parts	March	April	May
Northern (Approximations/Normal)	Nearly normal (20 – 40 / 28.1)	Nearly normal (50–80 / 71.3)	Nearly normal (150–200 / 177.8)
Northeastern (Approximations/Normal)	Nearly normal (30-50 / 44.7)	Nearly normal (70-100 / 86.3)	Nearly normal (160-210 / 187.1)
Central (Approximations/Normal)	Nearly normal (30-50 / 36.0)	Nearly normal (60-90 / 79.6)	Nearly normal (150-200 / 172.1)
Eastern (Approximations/Normal)	Nearly normal (50-80 / 62.5)	Nearly normal (80-110 / 98.9)	Nearly normal (200-250 / 223.8)
Southern Part (East Coast) (Approximations/Normal)	Slightly below Normal (40-70 / 68.4)	Slightly below Normal (50-80 / 75.4)	Nearly normal (120-160 / 143.7)
Southern Part (West Coast) (Approximations/Normal)	Slightly below Normal (70-100 / 89.1)	Slightly below Normal (130-170 / 160.6)	Nearly normal (270-320 / 308.4)
Bangkok and Neighbor Provinces (Approximations/Normal)	Slightly below Normal (30-50 / 42.1)	Slightly below Normal (70-100 / 91.4)	Nearly normal (220-270 / 247.7)

Expected Temperature, above – below normal

Parts	March	April	May
Northern Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 36.0/21.0 : (36.1 / 20.4)	Nearly Normal 37.0/24.0 : (37.1 / 23.4)	Nearly Normal 35.0/24.0 : (34.7 / 24.2)
Northeastern Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 35.0/23.0 : (35.1 / 22.4)	Nearly Normal 36.0/25.0 : (36.1 / 24.5)	Nearly Normal 35.0/25.0 : (34.4 / 24.8)
Central Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 36.0/24.0 : (36.1 / 24.1)	Nearly Normal 37.0/26.0 : (37.0 / 25.5)	Nearly Normal 35.0/26.0 : (35.2 / 25.5)
Eastern Approximations of Max./Min.): (Normal of Max./Min.)	Nearly Normal 34.0/25.0 : (33.8 / 24.9)	Nearly Normal 35.0/26.0 : (34.7 / 25.9)	Nearly Normal 34.0/26.0 : (33.7 / 25.8)
Southern Part (East Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33.0/24.0 : (32.6 / 23.7)	Slightly Above Normal 34.0/25.0 : (33.7 / 24.6)	Nearly Normal 34.0/25.0 : (33.5 / 24.9)
Southern Part (West Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 35.0/24.0 : (34.4 / 23.7)	Slightly Above Normal 34.0/24.0 : (34.2 / 24.4)	Nearly Normal 33.0/25.0 : (32.7 / 24.6)
Bangkok and neighbor Provinces Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 35.0/26.0 : (34.3 / 25.9)	Slightly Above Normal 36.0/27.0 : (35.4 / 26.9)	Nearly Normal 35.0/26.0 : (34.4 / 26.3)

Explanations: Nearly normal means $\pm 10\%$, slightly above/below normal means $\pm 10 - 25\%$,
And above/below normal means \pm more than 25% .