



Three-Month Climate Characteristic Expectations of Thailand

During May - July 2014

Issued on 23th April 2014

General Climate Characteristics

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

During May: Being the transition time from the summer to the rainy seasons, weather will be variable. Thus, sweltering weather occurs in many areas and thunder rains happen in some areas. **Then during May until June:** Southwest monsoon will be prevalent covering upper Thailand in some periods, thus causing the upper Thailand to have more rainfall with heavy falls in many areas and very heavy falls in some areas. Moreover, wind wave in the Gulf of Thailand around the eastern part will be more active. **While during late June until middle July:** The former prevalent southwest monsoon will weaken, and also a low pressure trough will move upward to place above southern China causing reduction in amount and distribution of rainfall. **Then during the 2nd half of July:** The southwest monsoon will become more active, together with the low pressure trough will move downward to place above the upper portion of the northern and northeastern parts. Thus, the upper Thailand will have more abundant rainfall with scattered to almost widespread rains. In other words, heavy rains befall in many areas and very heavy rains exist in some areas.

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

Southern Thailand

Mostly during May and the 1st half of June: The southwest monsoon will be prevalent covering the Andaman Sea and southern Thailand and likewise being rather active from time to time. This causes the southern Thailand to have abundant rainfall, especially at the western coast. Furthermore, heavy to very heavy rainfall occurs on some days. **In particular during late June until middle July:** While in some periods the prevalent southwest monsoon will weaken, thus the amount and distribution of rainfall will be reduced. Moreover, during the active southwest monsoon, wind waves in the Andaman Sea will be strengthened. Wave height will be 2 – 4 meters, while in the Gulf of Thailand wave height will be about 1 meter.

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

***** Cautions: *****

During May: Low pressure air masses develop in the Andaman Sea and intensify to become depressions and possible cyclones. Their movements are to the north toward the east and favor a high chance to move toward the western side of Thailand. These bring about the western side of the northern and central parts including the southern part to have more rainfall.

During June and July: Frequently, tropical cyclones develop in the Western North Pacific, and may move to pass the Philippines toward the South China Sea. So the prevalent southwest monsoon covering Thailand and the Gulf of Thailand will become more active, thus causing more rainfall over Thailand especially around the eastern coast and the southern part (west coast).

Approximations & Normal of average Maximum & average minimum temperatures
& rainfall amount / rainy days:

Part	Approximations and normal of temperatures/rains/rainy days	May 2014	June 2014	July 2014
Northern	Maximum temperature (°C.) Normal	34-36 34.7	32-34 33.0	31-33 32.1
	Minimum temperature (°C.) Normal	24-26 24.2	23-25 24.3	23-25 24.0
	Rainfall (mm.) / Rainy days Normal	140-180 / 13-15 177.8 / 15.5	120-160 / 14-17 156.2 / 17.8	150-200 / 17-20 156.2 / 19.4
Northeastern	Maximum temperature (°C.) Normal	34-36 34.4	33-35 33.4	32-34 32.8
	Minimum temperature (°C.) Normal	24-26 24.8	24-26 24.9	24-26 24.6
	Rainfall (mm.) / Rainy days Normal	140-180 / 14-16 187.1 / 15.3	160-210 / 14-16 203.4 / 16.1	180-230 / 16-18 211.4 / 16.1
Central	Maximum temperature (°C.) Normal	35-37 35.2	33-35 34.0	32-34 33.4
	Minimum temperature (°C.) Normal	25-27 25.5	25-27 25.3	24-26 24.9
	Rainfall (mm.) / Rainy days Normal	140-180 / 13-15 172.1 / 14.3	110-150 / 14-16 145.2 / 15.4	140-180 / 15-17 155.5 / 16.4
Eastern (including coastal areas)	Maximum temperature (°C.) Normal	33-35 33.7	32-34 32.8	31-33 32.2
	Minimum temperature (°C.) Normal	25-27 25.8	25-27 25.7	24-26 25.3
	Rainfall (mm.) / Rainy days Normal	180-230 / 14-16 223.8 / 15.8	220-270 / 15-17 261.5 / 16.7	250-300 / 16-18 261.5 / 17.2
Southern (east coast)	Maximum temperature (°C.) Normal	33-35 33.5	33-35 33.1	32-34 32.8
	Minimum temperature (°C.) Normal	24-26 24.9	24-26 24.7	24-26 24.4
	Rainfall (mm.) / Rainy days Normal	100-140 / 13-15 143.7 / 14.3	90-120 / 12-14 113.0 / 13.7	90-120 / 13-15 118.9 / 14.5
Southern (west coast)	Maximum temperature (°C.) Normal	32-34 32.7	32-34 32.0	31-33 31.7
	Minimum temperature (°C.) Normal	24-26 24.6	24-26 24.6	24-26 24.3
	Rainfall (mm.) / Rainy days Normal	250-300 / 19-21 308.4 / 19.9	270-320 / 19-21 311.8 / 18.9	290-340 / 19-21 336.5 / 19.8
Bangkok Metropolis and vicinity	Maximum temperature (°C.) Normal	34-36 34.4	33-35 33.6	32-34 33.2
	Minimum temperature (°C.) Normal	26-28 26.3	25-27 26.1	25-27 25.7
	Rainfall (mm.) / Rainy days Normal	210-260 / 15-17 247.7 / 16.2	120-160 / 15-17 157.1 / 16.2	150-200 / 16-18 175.1 / 17.1

Expected rainfall, above – below normal

Parts	May	June	July
Northern (Approximations/Normal)	Slightly below Normal (140–180 / 178)	Slightly below Normal (120–160 / 156)	Nearly normal (150–200 / 176)
Northeastern (Approximations/Normal)	Slightly below Normal (140-180 / 187)	Slightly below Normal (160-210 / 203)	Nearly normal (180-230 / 211)
Central (Approximations/Normal)	Slightly below Normal (140-180 / 172)	Slightly below Normal (110-150 / 145)	Nearly normal (140-180 / 156)
Eastern (Approximations/Normal)	Slightly below Normal (180-230 / 224)	Slightly below Normal (220-270 / 262)	Nearly normal (250-300 / 278)
Southern Part (East Coast) (Approximations/Normal)	below Normal (100-140 / 144)	Slightly below Normal (90-120 / 113)	Slightly below Normal (90-120 / 119)
Southern Part (West Coast) (Approximations/Normal)	below Normal (250-300 / 308)	Slightly below Normal (270-320 / 312)	Slightly below Normal (290-340 / 337)
Bangkok and Neighbor Provinces (Approximations/Normal)	Slightly below Normal (210-260 / 248)	Slightly below Normal (120-160 / 157)	Nearly normal (150-200 / 175)

Expected Temperature, above – below normal

Parts	May	June	July
Northern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 35 / 25 : (34.7 / 24.2)	Slightly Above Normal 33 / 24 : (33.0 / 24.3)	Nearly Normal 32 / 24 : (32.1 / 24.0)
Northeastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 35 / 25 : (34.4 / 24.8)	Slightly Above Normal 34 / 25 : (33.4 / 24.9)	Nearly Normal 33 / 25 : (32.8 / 24.6)
Central Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 36 / 26 : (35.2 / 25.5)	Slightly Above Normal 34 / 26 : (34.0 / 25.3)	Nearly Normal 33 / 25 : (33.4 / 24.9)
Eastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 26 : (33.7 / 25.8)	Slightly Above Normal 33 / 26 : (32.8 / 25.7)	Nearly Normal 32 / 25 : (32.2 / 25.3)
Southern Part (East Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 25 : (33.5 / 24.9)	Slightly Above Normal 34 / 25 : (33.1 / 24.7)	Slightly Above Normal 33 / 25 : (32.8 / 24.4)
Southern Part (West Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 25 : (32.7 / 24.6)	Slightly Above Normal 33 / 25 : (32.0 / 24.6)	Slightly Above Normal 32 / 25 : (31.7 / 24.3)
Bangkok and neighbor Provinces Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 35 / 27 : (34.4 / 26.3)	Slightly Above Normal 34 / 26 : (33.6 / 26.1)	Nearly Normal 33 / 26 : (33.2 / 25.7)

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