



## Three-Month Climate Characteristic Expectations of Thailand

During April - June 2014

Issued on 26<sup>th</sup> March 2014

### General Climate Characteristics

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

**During April:** Heat low pressure air masses still cover over the upper Thailand from time to time. Additionally, some southerly or southeasterly winds prevail to cover the area almost all of this month. These cause the upper Thailand to have sweltering weather generally with very hot air in some areas on some days. Maximum temperatures are about 42 – 43 C. Alternatively thunder rains occur in many areas, thus reducing some heat. **Then during the first half of May:** Being the transition time from the summer to the rainy seasons, weather will be variable. Thus, sweltering weather and thunder rains occur in some areas. **From the second half of May until June:** Southwest monsoon will prevail to cover Thailand as being rather active continuously during some periods. Thus, the upper Thailand will have more abundant rainfall with heavy to very heavy rains in some areas.

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

#### Southern Thailand

**During April:** Some easterly or southeasterly winds still prevail to cover the Gulf of Thailand and the southern Thailand almost all of this period. This causes the southern to have isolated to widely scattered rainfall with hot air on some days, while waves in the Gulf of Thailand and the Andaman Sea will be about 1 meter high. **Then during May until June:** The southwest monsoon will prevail to cover the Andaman Sea and the southern Thailand. Thus, the southern will have more amount and distribution of rainfall especially around the western coast. Additionally, some heavy rains occur in some areas. Also, wind wave in the Andaman Sea will strengthen with about 2 – 3 meters height.

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

#### **\*\*\* Cautions: \*\*\***

**During April:** Summer thunderstorms happen often with thunder rains, gusty winds, and possible hails in some areas. Thus, some damages of buildings and farms possibly occur.

**During May:** Low pressure air masses occur at the Andaman Sea and may strengthen to be depressions toward cyclones. Their movements are toward the north to the east and may be near the western side of Thailand. Thus, the western side of the northern and central parts of Thailand including with the southern part will have more rainfall.

**During June:** Tropical cyclones often develop in the Western Pacific, and may possibly move toward the Philippines to the South China Sea. Thus, the southwest monsoon covering Thailand and the Gulf of Thailand will be more active causing Thailand to have more rainfall especially at the coastal areas of the eastern part and the southern Thailand (west coast).

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

Part	Approximations and normal of temperatures/rains/rainy days	April 2014	May 2014	June 2014
Northern	Maximum temperature (°C.) Normal	37-39 37.1	34-36 34.7	32-34 33.0
	Minimum temperature (°C.) Normal	23-25 23.4	24-26 24.2	23-25 24.3
	Rainfall (mm.) / Rainy days Normal	50-80 / 6-8 71.3 / 7.0	140-180 / 14-16 177.8 / 15.5	130-170 / 15-18 156.2 / 17.8
Northeastern	Maximum temperature (°C.) Normal	36-38 36.1	34-36 34.4	32-34 33.4
	Minimum temperature (°C.) Normal	24-26 24.5	24-26 24.8	24-26 24.9
	Rainfall (mm.) / Rainy days Normal	60-90 / 7-9 86.3 / 8.0	150-200 / 14-16 187.1 / 15.3	180-230 / 15-17 203.4 / 16.1
Central	Maximum temperature (°C.) Normal	36-38 37.0	35-37 35.2	33-35 34.0
	Minimum temperature (°C.) Normal	25-27 25.5	25-27 25.5	24-26 25.3
	Rainfall (mm.) / Rainy days Normal	60-90 / 5-7 79.6 / 6.4	140-180 / 13-15 172.1 / 14.3	120-160 / 14-16 145.2 / 15.4
Eastern (including coastal areas)	Maximum temperature (°C.) Normal	34-36 34.7	33-35 33.7	32-34 33.7
	Minimum temperature (°C.) Normal	25-27 25.9	25-27 25.8	25-27 25.7
	Rainfall (mm.) / Rainy days Normal	80-110 / 7-9 98.9 / 8.3	180-230 / 14-16 223.8 / 15.8	240-290 / 15-17 261.5 / 16.7
Southern (east coast)	Maximum temperature (°C.) Normal	33-35 33.7	33-35 33.5	33-35 33.1
	Minimum temperature (°C.) Normal	24-26 24.6	24-26 24.9	24-26 24.7
	Rainfall (mm.) / Rainy days Normal	40-70 / 6-8 75.4 / 7.3	100-140 / 13-15 143.7 / 14.3	90-120 / 12-14 113.0 / 13.7
Southern (west coast)	Maximum temperature (°C.) Normal	34-36 34.2	32-34 32.7	32-34 32.0
	Minimum temperature (°C.) Normal	24-26 24.4	24-26 24.6	24-26 24.6
	Rainfall (mm.) / Rainy days Normal	120-160 / 12-14 160.6 / 12.7	250-300 / 19-21 308.4 / 19.9	270-320 / 19-21 311.8 / 18.9
Bangkok Metropolis and vicinity	Maximum temperature (°C.) Normal	35-37 35.4	34-36 34.4	33-35 33.6
	Minimum temperature (°C.) Normal	26-28 26.9	26-28 26.3	25-27 26.1
	Rainfall (mm.) / Rainy days Normal	70-100 / 5-7 91.4 / 6.5	210-260 / 15-17 247.7 / 16.2	140-180 / 15-17 157.1 / 16.2

### Expected rainfall, above – below normal

Parts	April	May	June
Northern (Approximations/Normal)	Slightly below Normal (50–80 / 71)	Slightly below Normal (140–180 / 178)	Nearly normal (130–170 / 156)
Northeastern (Approximations/Normal)	Slightly below Normal (60-90 / 86)	Slightly below Normal (150-200 / 187)	Nearly normal (180-230 / 203)
Central (Approximations/Normal)	Slightly below Normal (60-90 / 80)	Slightly below Normal (140-180 / 172)	Nearly normal (120-160 / 145)
Eastern (Approximations/Normal)	Slightly below Normal (80-110 / 99)	Slightly below Normal (180-230 / 224)	Nearly normal (240-290 / 262)
Southern Part (East Coast) (Approximations/Normal)	below Normal (40-70 / 75)	below Normal (100-140 / 144)	Slightly below Normal (90-120 / 113)
Southern Part (West Coast) (Approximations/Normal)	below Normal (120-160 / 161)	below Normal (250-300 / 308)	Slightly below Normal (270-320 / 312)
Bangkok and Neighbor Provinces (Approximations/Normal)	Slightly below Normal (70-100 / 91)	Slightly below Normal (210-260 / 248)	Nearly normal (140-180 / 157)

### Expected Temperature, above – below normal

Parts	April	May	June
Northern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 38 / 24 : (37.1 / 23.4)	Slightly Above Normal 35 / 25 : (34.7 / 24.2)	Nearly Normal 33 / 24 : (33.0 / 24.3)
Northeastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 37 / 25 : (36.1 / 24.5)	Slightly Above Normal 35 / 25 : (34.4 / 24.8)	Nearly Normal 33 / 25 : (33.4 / 24.9)
Central Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 37 / 26 : (37.0 / 25.5)	Slightly Above Normal 36 / 26 : (35.2 / 25.5)	Nearly Normal 34 / 25 : (34.0 / 25.3)
Eastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 35 / 26 : (34.7 / 25.9)	Slightly Above Normal 34 / 26 : (33.7 / 25.8)	Nearly Normal 33 / 26 : (32.8 / 25.7)
Southern Part (East Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 25 : (33.7 / 24.6)	Slightly Above Normal 34 / 25 : (33.5 / 24.9)	Slightly Above Normal 34 / 25 : (33.1 / 24.7)
Southern Part (West Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 35 / 25 : (34.2 / 24.4)	Slightly Above Normal 33 / 25 : (32.7 / 24.6)	Slightly Above Normal 33 / 25 : (32.0 / 24.6)
Bangkok and neighbor Provinces Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 36 / 27 : (35.4 / 26.9)	Slightly Above Normal 35 / 27 : (34.4 / 26.3)	Nearly Normal 34 / 26 : (33.6 / 26.1)

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