



## Three-Month Climate Characteristic Expectations of Thailand

During June - August 2014

Issued on 27<sup>th</sup> May 2014

### General Climate Characteristics

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

During the beginning and middle of June: Southwest monsoon still prevails over the Andaman Sea and Thailand with being rather active from time to time; additionally, a monsoon trough places over upper Thailand in some periods causing the area to have abundant rainfall with heavy to very heavy falls in some areas. Including with wind waves in the Gulf of Thailand around the eastern region will be rather rough with 2 – 3 meter height. About late June till the middle of July: The prevalent southwest monsoon will weaken, and the monsoon trough will move upward to place over southern China. Consequently, the amount and distribution of rainfall will reduce. From the 2<sup>nd</sup> half of July until August: The prevailing southwest monsoon will strengthen, and the monsoon trough will move downward to place over northern and northeastern regions. As a result, the upper Thailand will have densely abundant rainfall as scattered to almost widespread rains with heavy to very heavy falls in some areas. Therefore, flash floods and flooding situations and over-flows occur in some areas. Whereas wind waves in the Gulf of Thailand at the eastern region will be rough with 2-4 meter height in some periods.

Mostly, the total rains will be below normal; while average temperatures will be above normal.

#### Southern Thailand

During the beginning and middle of June: The southwest monsoon still prevails over the Andaman Sea and southern Thailand as being rather active from time to time. Thus, the southern Thailand will have abundant rainfall, especially at the western coast with heavy to very heavy falls in some areas on some days. Moreover, wind waves in the Andaman Sea will be rather rough with 2 – 3 meter height, while those in the Gulf of Thailand will be just about 1 meter height. About late June till the middle of July: The prevalent southwest monsoon will weaken causing to reduce the amount and distribution of rainfall. From the 2<sup>nd</sup> half of July until August: The southwest monsoon will strengthen causing the southern Thailand to have densely abundant rainfall, especially at the western coast, with heavy to very heavy falls in some areas. As a result, flash floods and flooding situations and over-flows happen in some areas. Wind waves in the Andaman Sea will be rough with 2-4 meter height, while those in the Gulf of Thailand will be just about 1 meter height.

Mostly, the total rains will be below normal; while average temperatures will be above normal.

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

In June and July: Tropical cyclones often develop in the North Western Pacific or in the South China Sea and move toward the northwestern direction to the upper Thailand. Consequently, Thailand will have more rainfall with heavy to very heavy falls in many areas, especially around the northeastern region. Therefore, flash floods, flooding situations and over-flows occur in many areas.

In August: Tropical cyclones often develop in the North Western Pacific or in the South China Sea and favor a high chance to move near or pass the upper Thailand. Thus, Thailand will have densely abundant rainfall with heavy to very heavy falls in many areas. As a result, flash floods, flooding situations and over-flows occur in many areas.

The public then should follow weather forecast news and warnings from the Thai Meteorological Department.

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

Part	Approximations and normal of temperatures/rains/rainy days	June 2014	July 2014	August 2014
Northern	Maximum temperature (°C.) Normal	33-35 33.0	32-34 32.1	31-33 31.8
	Minimum temperature (°C.) Normal	24-26 24.3	24-26 24.0	23-25 23.8
	Rainfall (mm.) / Rainy days Normal	120-160 / 14-17 156.2 / 17.8	140-180 / 17-20 176.0 / 19.4	200-250 / 19-22 223.0 / 21.0
Northeastern	Maximum temperature (°C.) Normal	33-35 33.4	32-34 32.8	32-34 32.2
	Minimum temperature (°C.) Normal	24-26 24.9	24-26 24.6	24-26 24.4
	Rainfall (mm.) / Rainy days Normal	160-210 / 14-16 203.4 / 16.1	170-220 / 16-18 211.4 / 17.4	240-290 / 18-21 266.2 / 19.4
Central	Maximum temperature (°C.) Normal	34-36 34.0	33-35 33.4	33-35 33.1
	Minimum temperature (°C.) Normal	25-27 25.3	24-26 24.9	24-26 24.7
	Rainfall (mm.) / Rainy days Normal	110-150 / 14-16 145.2 / 15.4	130-170 / 15-17 155.5 / 16.4	160-210 / 17-20 181.1 / 18.2
Eastern (including coastal areas)	Maximum temperature (°C.) Normal	32-34 32.8	32-34 32.2	32-34 32.0
	Minimum temperature (°C.) Normal	25-27 25.7	25-27 25.3	25-27 25.3
	Rainfall (mm.) / Rainy days Normal	220-270 / 15-17 261.5 / 16.7	230-280 / 16-18 277.5 / 17.2	280-330 / 17-20 302.5 / 18.4
Southern (east coast)	Maximum temperature (°C.) Normal	33-35 33.1	32-34 32.8	32-34 32.7
	Minimum temperature (°C.) Normal	24-26 24.7	24-26 24.4	24-26 24.4
	Rainfall (mm.) / Rainy days Normal	90-120 / 12-14 113.0 / 13.7	90-120 / 13-15 118.9 / 14.5	100-140 / 14-17 124.1 / 15.4
Southern (west coast)	Maximum temperature (°C.) Normal	32-34 32.0	31-33 31.7	31-33 31.5
	Minimum temperature (°C.) Normal	24-26 24.6	24-26 24.3	24-26 24.4
	Rainfall (mm.) / Rainy days Normal	270-320 / 17-20 311.8 / 18.9	290-340 / 19-22 336.5 / 19.8	350-450 / 19-22 398.5 / 20.5
Bangkok Metropolis and vicinity	Maximum temperature (°C.) Normal	33-35 33.6	33-35 33.2	32-34 32.9
	Minimum temperature (°C.) Normal	26-28 26.1	25-27 25.7	25-27 25.5
	Rainfall (mm.) / Rainy days Normal	120-160 / 15-17 157.1 / 16.2	140-180 / 16-18 175.1 / 17.1	190-240 / 18-21 219.3 / 19.1

### Expected rainfall, above – below normal

Parts	June	July	August
Northern (Approximations/Normal)	Slightly below Normal (120–160 / 156)	Slightly below Normal (140–180 / 176)	Nearly normal (200–250 / 223)
Northeastern (Approximations/Normal)	Slightly below Normal (160-210 / 203)	Slightly below Normal (170-220 / 211)	Nearly normal (240-290 / 266)
Central (Approximations/Normal)	Slightly below Normal (110-150 / 145)	Slightly below Normal (130-170 / 156)	Nearly normal (160-210 / 181)
Eastern (Approximations/Normal)	Slightly below Normal (220-270 / 262)	Slightly below Normal (230-280 / 278)	Nearly normal (280-330 / 303)
Southern Part (East Coast) (Approximations/Normal)	Slightly below Normal (90-120 / 113)	Slightly below Normal (90-120 / 119)	Slightly below Normal (100-140 / 124)
Southern Part (West Coast) (Approximations/Normal)	Slightly below Normal (270-320 / 312)	Slightly below Normal (290-340 / 337)	Slightly below Normal (350-450 / 399)
Bangkok and Neighbor Provinces (Approximations/Normal)	Slightly below Normal (120-160 / 157)	Slightly below Normal (140-180 / 175)	Nearly normal (190-240 / 219)

### Expected Temperature, above – below normal

Parts	June	July	August
Northern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 25 : (33.0 / 24.3)	Slightly Above Normal 33 / 25 : (32.1 / 24.0)	Slightly Above Normal 32 / 24 : (31.8 / 23.8)
Northeastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 25 : (33.4 / 24.9)	Slightly Above Normal 33 / 25 : (32.8 / 24.6)	Slightly Above Normal 33 / 25 : (32.2 / 24.4)
Central Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 35 / 26 : (34.0 / 25.3)	Slightly Above Normal 34 / 25 : (33.4 / 24.9)	Slightly Above Normal 34 / 25 : (33.1 / 24.7)
Eastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 26 : (32.8 / 25.7)	Slightly Above Normal 33 / 26 : (32.2 / 25.3)	Slightly Above Normal 33 / 26 : (32.0 / 25.3)
Southern Part (East Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 25 : (33.1 / 24.7)	Slightly Above Normal 33 / 25 : (32.8 / 24.4)	Slightly Above Normal 33 / 25 : (32.7 / 24.4)
Southern Part (West Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 25 : (32.0 / 24.6)	Slightly Above Normal 32 / 25 : (31.7 / 24.3)	Slightly Above Normal 32 / 25 : (31.5 / 24.4)
Bangkok and neighbor Provinces Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 27 : (33.6 / 26.1)	Slightly Above Normal 34 / 26 : (33.2 / 25.7)	Slightly Above Normal 33 / 26 : (33.9 / 25.5)

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