



Three-Month Climate Characteristic Expectations of Thailand

During July - September 2014

Issued on 26 June 2014

General Climate Characteristics

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

During the first half of July: The prevailing southwest monsoon over Thailand will mostly weaken; together with the southwest monsoon trough will move upward to place around southern China. This will cause the upper Thailand to have little rain as the isolated criteria.

Then during late of July until September: The prevailing southwest monsoon will become strengthened and the southwest monsoon trough will move downward to place around the upper Thailand. This characteristic will bring about abundant rain over the upper Thailand; almost widespread rainfall with heavy to very heavy rains in some areas. Thus, flash floods, flooding situations and over-flows occur in some areas. Winds and waves in the Gulf of Thailand around the eastern coast will be rough with 2 – 4 meters high in some periods.

Mostly, the total rains will be near normal while average temperatures will be slightly above normal.

Southern Thailand

During the first half of July: The prevailing southwest monsoon over the Andaman Sea and the southern Thailand will mostly weaken; thus, the southern Thailand will have little rain at the isolated to widely scattered criteria.

Then during the late of July until September: The prevailing southwest monsoon will become more active causing the southern Thailand to have abundant rains, especially at the western coast. Additionally, heavy to very heavy falls occur in some areas causing flash floods and flooding situations in some areas. Moreover, wind waves in the Andaman Sea will be rough with 2 – 4 meter height during some periods. While at the Gulf of Thailand, wind waves will be about 1 meter high.

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

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

During July: Tropical cyclones often develop in the Pacific Ocean around the western side or the South China Sea, and move in the northeastern direction toward the upper Thailand. Thus, Thailand will have more rainfall with heavy to very heavy falls in some areas, especially around the northeastern part. Consequently, flash floods and flooding situations happen in many areas.

During August and September: Frequently, tropical cyclones develop in the North Western Pacific or the South China Sea and favor a high chance to move toward the upper Thailand. Therefore, the upper Thailand will have densely abundant rainfall with heavy to very heavy falls in many areas. Moreover, flash floods and flooding situations will also occur in many areas. Thus, the public should follow weather news and warnings about tropical cyclones from the Thai Meteorological Department closely.

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

Part	Approximations and normal of temperatures/rains/rainy days	July 2014	August 2014	September 2014
Northern	Maximum temperature (°C.) Normal	32-34 32.1	31-33 31.8	32-34 32.2
	Minimum temperature (°C.) Normal	24-26 24.0	23-25 23.8	23-25 23.5
	Rainfall (mm.) / Rainy days Normal	140-180 / 17-20 176.0 / 19.4	200-250 / 19-22 223.0 / 21.0	190-240 / 17-20 218.3 / 18.3
Northeastern	Maximum temperature (°C.) Normal	32-34 32.8	32-34 32.2	32-34 31.9
	Minimum temperature (°C.) Normal	24-26 24.6	24-26 24.4	24-26 24.0
	Rainfall (mm.) / Rainy days Normal	170-220 / 16-18 211.4 / 17.4	240-290 / 18-21 266.2 / 19.4	220-270 / 16-19 242.0 / 17.7
Central	Maximum temperature (°C.) Normal	33-35 33.4	33-35 33.1	33-35 32.9
	Minimum temperature (°C.) Normal	24-26 24.9	24-26 24.7	24-26 24.5
	Rainfall (mm.) / Rainy days Normal	130-170 / 15-17 155.5 / 16.4	160-210 / 17-20 181.1 / 18.2	230-280 / 18-21 257.3 / 19.2
Eastern (including coastal areas)	Maximum temperature (°C.) Normal	32-34 32.2	32-34 32.0	32-34 31.9
	Minimum temperature (°C.) Normal	25-27 25.3	25-27 25.3	25-27 24.7
	Rainfall (mm.) / Rainy days Normal	230-280 / 16-18 277.5 / 17.2	280-330 / 17-20 302.5 / 18.4	300-400 / 18-21 330.1 / 19.9
Southern (east coast)	Maximum temperature (°C.) Normal	32-34 32.8	32-34 32.7	32-34 32.3
	Minimum temperature (°C.) Normal	24-26 24.4	24-26 24.4	24-26 24.1
	Rainfall (mm.) / Rainy days Normal	90-120 / 13-15 118.9 / 14.5	90-120 / 13-16 124.1 / 15.4	130-170 / 15-18 150.1 / 16.7
Southern (west coast)	Maximum temperature (°C.) Normal	31-33 31.7	31-33 31.5	31-33 31.1
	Minimum temperature (°C.) Normal	24-26 24.3	24-26 24.4	24-26 23.9
	Rainfall (mm.) / Rainy days Normal	290-340 / 19-22 336.5 / 19.8	300-400 / 18-21 398.5 / 20.5	400-500 / 20-23 423.9 / 22.4
Bangkok Metropolis and vicinity	Maximum temperature (°C.) Normal	33-35 33.2	32-34 32.9	32-34 32.8
	Minimum temperature (°C.) Normal	25-27 25.7	25-27 25.5	25-27 25.0
	Rainfall (mm.) / Rainy days Normal	140-180 / 16-18 175.1 / 17.1	190-240 / 18-21 219.3 / 19.1	300-400 / 19-22 334.2 / 21.1

Expected rainfall, above – below normal

Parts	July	August	September
Northern (Approximations/Normal)	Slightly below Normal (140–180 / 176)	Nearly normal (200–250 / 223)	Nearly normal (190–240 / 218)
Northeastern (Approximations/Normal)	Slightly below Normal (170-220 / 211)	Nearly normal (240-290 / 266)	Nearly normal (220-270 / 242)
Central (Approximations/Normal)	Slightly below Normal (130-170 / 156)	Nearly normal (160-210 / 181)	Nearly normal (230-280 / 257)
Eastern (Approximations/Normal)	Slightly below Normal (230-280 / 278)	Nearly normal (280-330 / 303)	Nearly normal (300-400 / 330)
Southern Part (East Coast) (Approximations/Normal)	Slightly below Normal (90-120 / 119)	Slightly below Normal (90-120 / 124)	Nearly normal (130-170 / 150)
Southern Part (West Coast) (Approximations/Normal)	Slightly below Normal (290-340 / 337)	Slightly below Normal (300-400 / 399)	Nearly normal (400-500 / 424)
Bangkok and Neighbor Provinces (Approximations/Normal)	Slightly below Normal (140-180 / 175)	Nearly normal (190-240 / 219)	Nearly normal (300-400 / 334)

Expected Temperature, above – below normal

Parts	July	August	September
Northern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 25 : (32.1 / 24.0)	Slightly Above Normal 32 / 24 : (31.8 / 23.8)	Slightly Above Normal 33 / 24 : (32.2 / 23.5)
Northeastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 25 : (32.8 / 24.6)	Slightly Above Normal 33 / 25 : (32.2 / 24.4)	Slightly Above Normal 33 / 25 : (31.9 / 24.0)
Central Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 25 : (33.4 / 24.9)	Slightly Above Normal 34 / 25 : (33.1 / 24.7)	Slightly Above Normal 34 / 25 : (32.9 / 24.5)
Eastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 26 : (32.2 / 25.3)	Slightly Above Normal 33 / 26 : (32.0 / 25.3)	Slightly Above Normal 33 / 26 : (31.9 / 24.7)
Southern Part (East Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 25 : (32.8 / 24.4)	Slightly Above Normal 33 / 25 : (32.7 / 24.4)	Slightly Above Normal 33 / 25 : (32.3 / 24.1)
Southern Part (West Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 32 / 25 : (31.7 / 24.3)	Slightly Above Normal 32 / 25 : (31.5 / 24.4)	Slightly Above Normal 32 / 25 : (31.1 / 23.9)
Bangkok and neighbor Provinces Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 26 : (33.2 / 25.7)	Slightly Above Normal 33 / 26 : (32.9 / 25.5)	Slightly Above Normal 33 / 26 : (32.8 / 25.0)

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