



## Three-Month Climate Characteristic Expectations of Thailand

During August - October 2014

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Thai Meteorological Department

### General Climate Characteristics

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

**During August until September:** The southwest monsoon still prevails over Thailand with being active from time to time; additionally, the southwest monsoon trough will place around the upper Thailand in some periods. This characteristic will bring about abundant rain over the upper Thailand; scattered to 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.

**Then during October:** High pressure air masses from China prevailing over Northern and Northeastern parts periodically cause to reduce the amount of rainfall and rainfall distribution around upper Thailand, then starting to have cold air in the morning, especially the upper of Northern and Northeastern Thailand.

**Total rains will be near to below normal while average temperatures will be above normal.**

#### Southern Thailand

**During August until the beginning of October:** The southwest monsoon still prevails over the Andaman Sea and Southern Thailand with being active from time to time. This characteristic will bring about abundant rain over the Southern Thailand, 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.

**Then during the middle and the end of October:** The southwest monsoon covering the Andaman Sea and Southern Thailand will change to be northeastern monsoon covering the Gulf of Thailand and Southern Thailand. Together with the low pressure trough will move downward to lie across the upper portion of Southern Thailand. These cause the Southern Thailand still to have abundant rainfall with heavy to very heavy falls in some areas, Both eastern coast and western coast, possibly bringing about flash floods and flooding situations. While winds and waves in the Gulf of Thailand will have high waves about 2 - 3 meters. For the Andaman Sea, the wave height will be about 1-2 meters.

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

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

**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 near or pass 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.

**During October:** Tropical cyclones often develop in the Pacific Ocean around the western side, then moved to middle South China Sea and favor a high chance to move near **the upper Thailand**. Thus, Thailand will have more rainfall with heavy to very heavy falls in some areas. Wind waves will be strength.

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

Part	Approximations and normal of temperatures/rains/rainy days	August 2014	September 2014	October 2014
Northern	Maximum temperature (°C.) Normal	31-33 31.8	32-34 32.2	32-34 31.9
	Minimum temperature (°C.) Normal	23-25 23.8	23-25 23.5	22-24 22.5
	Rainfall (mm.) / Rainy days Normal	200-250 / 19-22 223.0 / 21.0	190-240 / 17-20 218.3 / 18.3	100-140 / 11-13 124.1 / 12.0
Northeastern	Maximum temperature (°C.) Normal	32-34 32.2	32-34 31.9	31-33 31.4
	Minimum temperature (°C.) Normal	24-26 24.4	24-26 24.0	22-24 22.8
	Rainfall (mm.) / Rainy days Normal	240-290 / 18-21 266.2 / 19.4	220-270 / 16-19 242.0 / 17.7	90-130 / 9-11 117.1 / 10.4
Central	Maximum temperature (°C.) Normal	33-35 33.1	33-35 32.9	32-34 32.4
	Minimum temperature (°C.) Normal	24-26 24.7	24-26 24.5	24-26 24.0
	Rainfall (mm.) / Rainy days Normal	160-210 / 17-20 181.1 / 18.2	230-280 / 18-21 257.3 / 19.2	160-210 / 13-15 187.1 / 14.4
Eastern (including coastal areas)	Maximum temperature (°C.) Normal	32-34 32.0	32-34 31.9	32-34 32.0
	Minimum temperature (°C.) Normal	25-27 25.3	25-27 24.7	24-26 24.1
	Rainfall (mm.) / Rainy days Normal	280-330 / 17-20 302.5 / 18.4	300-400 / 18-21 330.1 / 19.9	190-240 / 15-18 225.1 / 16.5
Southern (east coast)	Maximum temperature (°C.) Normal	32-34 32.7	32-34 32.3	31-33 31.4
	Minimum temperature (°C.) Normal	24-26 24.4	24-26 24.1	23-25 23.8
	Rainfall (mm.) / Rainy days Normal	100-140 / 13-16 124.1 / 15.4	130-170 / 15-18 150.1 / 16.7	230-270 / 17-20 255.3 / 18.6
Southern (west coast)	Maximum temperature (°C.) Normal	31-33 31.5	31-33 31.1	31-33 31.2
	Minimum temperature (°C.) Normal	24-26 24.4	24-26 23.9	23-25 23.7
	Rainfall (mm.) / Rainy days Normal	350-450 / 19-22 398.5 / 20.5	400-500 / 20-23 423.9 / 22.4	300-400 / 20-23 366.5 / 22.8
Bangkok Metropolis and vicinity	Maximum temperature (°C.) Normal	32-34 32.9	32-34 32.8	32-34 32.6
	Minimum temperature (°C.) Normal	25-27 25.5	25-27 25.0	24-26 24.8
	Rainfall (mm.) / Rainy days Normal	190-240 / 18-21 219.3 / 19.1	300-400 / 19-22 334.2 / 21.1	270-320 / 16-18 292.1 / 17.5

### Expected rainfall, above – below normal

Parts	August	September	October
Northern (Approximations/Normal)	Nearly normal (200–250 / 223)	Nearly normal (190–240 / 218)	Nearly normal (100–140 / 124)
Northeastern (Approximations/Normal)	Nearly normal (240-290 / 266)	Nearly normal (220-270 / 242)	Nearly normal (90-130 / 117)
Central (Approximations/Normal)	Nearly normal (160-210 / 181)	Nearly normal (230-280 / 257)	Nearly normal (160-210 / 187)
Eastern (Approximations/Normal)	Nearly normal (280-330 / 303)	Nearly normal (300-400 / 330)	Nearly normal (190-240 / 225)
Southern Part (East Coast) (Approximations/Normal)	Nearly normal (100-140 / 124)	Nearly normal (130-170 / 150)	Nearly normal (230-270 / 155)
Southern Part (West Coast) (Approximations/Normal)	Nearly normal (350-450 / 399)	Nearly normal (400-500 / 424)	Nearly normal (300-400 / 367)
Bangkok and Neighbor Provinces (Approximations/Normal)	Nearly normal (190-240 / 219)	Nearly normal (300-400 / 334)	Nearly normal (270-320 / 292)

### Expected Temperature, above – below normal

Parts	August	September	October
Northern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 32 / 24 : (31.8 / 23.8)	Slightly Above Normal 33 / 24 : (32.2 / 23.5)	Slightly Above Normal 33 / 23 : (31.9 / 22.5)
Northeastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 25 : (32.2 / 24.4)	Slightly Above Normal 33 / 25 : (31.9 / 24.0)	Slightly Above Normal 32 / 23 : (31.4 / 22.8)
Central Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 34 / 25 : (33.1 / 24.7)	Slightly Above Normal 34 / 25 : (32.9 / 24.5)	Slightly Above Normal 33 / 25 : (32.4 / 24.0)
Eastern Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 26 : (32.0 / 25.3)	Slightly Above Normal 33 / 26 : (31.9 / 24.7)	Slightly Above Normal 33 / 25 : (32.0 / 24.1)
Southern Part (East Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 25 : (32.7 / 24.4)	Slightly Above Normal 33 / 25 : (32.3 / 24.1)	Slightly Above Normal 32 / 24 : (31.4 / 23.8)
Southern Part (West Coast) Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 32 / 25 : (31.5 / 24.4)	Slightly Above Normal 32 / 25 : (31.1 / 23.9)	Slightly Above Normal 32 / 24 : (31.2 / 23.7)
Bangkok and neighbor Provinces Approximations of Max./Min.): (Normal of Max./Min.)	Slightly Above Normal 33 / 26 : (32.9 / 25.5)	Slightly Above Normal 33 / 26 : (32.8 / 25.0)	Slightly Above Normal 33 / 25 : (32.6 / 24.8)

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