



Ministry of Information and
Communication Technology,
Thai Meteorological Department

Three-Month Climate Characteristic Expectations of Thailand

During November 2015 – January 2016

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General Climate Characteristics

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

During November: Moderate to rather active high pressure air mass cells from China will prevail over the Upper Thailand from time to time influencing to have less rain and reducing temperature. In other words, northern and northeastern parts of Thailand will be generally cool or cold at many areas; especially at the upper portion.

Then during December until January: More active and continuous high pressure air mass cells from China will still prevail periodically. Thus, temperature reduces further; especially the northern and northeastern parts will be generally cold or cool. Whereas central and eastern parts will be cool generally and cold at many areas; mostly at the upper portion. For mountain tops and mountainous areas will be cold to very cold with frost happening on some days.

Total rainfall will be near normal whereas mean temperature will be above normal.

Southern Thailand

During November until about middle January: Northeastern monsoon will prevail over the Gulf of Thailand and the Southern Thailand from time to time. Additionally, some monsoon troughs will place over the middle and lower portions of the Southern Thailand periodically in November and December consecutively. As a result, the Southern Thailand will still experience densely abundant rain further, especially at the East Coast from the Chumphon province downward. In other words, heavy rain will appear at many areas and very heavy rain at some areas. Consequently, flash or forest flood and overflow may occur at some areas. For wind waves in the Gulf of Thailand will be more active as 2 – 4 meters high during some periods whereas those in the Andaman Sea will be about 1 meter high.

Then during the 2nd half of January: The prevailing northeastern monsoon will weaken and change its direction to be easterly or southeasterly prevailing over the Southern Thailand. Thus, the Southern Thailand will experience less rain. While wind waves in the Gulf of Thailand and the Andaman Sea will be about 1 meter high.

Total rainfall will be near normal whereas mean temperature will be slightly above normal.

*** Cautions: ***

November and December: Often, low pressure air mass cells will develop in the lower portion of the South China Sea and strengthen to be tropical cyclones (depressions, tropical storms or typhoons). They favor a high chance to move pass the Gulf of Thailand toward the Southern Thailand. As a result, the Southern Thailand will experience wide areas of rainfall with heavy to very heavy rain at many areas. Wind waves in the Gulf of Thailand will be more actively windy as 2 – 4 meters high. Furthermore, some storm surges along the Southern Thailand (East Coast) may occur. Then, the public should follow weather forecast news from the Thai Meteorological Department closely further.

January: Some westerly wind waves from Myanmar may pass the Upper Thailand. Consequently, the Upper Thailand will experience thunder rain and gusty wind at some areas. Some hails may also appear.

Remarks: - Normal mean averages of the 30-year period during B.E. 2524 – 2553 or A.D. 1981 – 2010.

- Daily rainfall distribution (% area) criteria:

Isolated:	> 0 until < 20 %		
Widely scattered:	>=20 until < 40%	Scattered:	>= 40 until < 60 %
Almost widespread:	>=60 until < 80%	Widespread:	>= 80%

- Daily rainfall amount (millimeters) criteria: Light: > 0 until 9.9,
Moderate: >=10 until <= 34.9, Heavy: >= 35 until < 90, Very Heavy: >= 90.1

- As long range climatic and statistical models are used in these seasonal expectations, thus readers should follow updated daily weather forecast news from the Thai Meteorological Department for more accuracy.

- Inquiry of 3-month or seasonal climate expectations or forecast can be followed at Tel. 02-3989929 or Fax. 02-3838827 or at www.tmd.go.th

Climatological Center, Meteorological Development Bureau,
Thai Meteorological Department

Expected rain (millimeters) and rainy days (days) comparing to normal:

Parts	November 2015	December 2015	January 2016
Northern Rainfall / rainy days	Near normal (20-40 / 2-4)	Near normal (less than 10 / 1-2)	Near normal (less than 10 / 1-2)
Northeastern Rainfall / rainy days	Near normal (15-30 / 1-3)	Near normal (less than 10 / 1-2)	Near normal (less than 10 / 1-2)
Central Rainfall / rainy days	Near normal (30-50 / 3-6)	Near normal (less than 10 / 1-2)	Near normal (less than 10 / 1-2)
Eastern Rainfall / rainy days	Near normal (40-60 / 3-5)	Near normal (less than 10 / 1-2)	Near normal (10 - 20 / 2-3)
Southern Part (East Coast) Rainfall / rainy days	Slightly above normal (350-450 / 16-19)	Slightly above normal (230-280 / 12-14)	Slightly above normal (60-90 / 7-9)
Southern Part (West Coast) Rainfall / rainy days	Slightly above normal (190-230 / 16-18)	Slightly above normal (70-100 / 9-11)	Slightly above normal (20-40 / 4-6)
Bangkok Metropolis and vicinity Rainfall / rainy days	Near normal (40-60 / 4-6)	Near normal (less than 10 / 1-2)	Near normal (10 - 20 / 2-3)

Explanations: Near normal means $\pm 10\%$ of normal. Slightly above/below normal means $\pm 10 - 25\%$ of normal. And above/below normal means \pm more than 25% of normal.

Expected mean maximum and minimum temperature (°C.) comparing to normal:

Parts	November 2015	December 2015	January 2016
Northern Average maximum temp. / average minimum temp.	above Normal 31-33 20-22	above Normal 30-32 16-18	above Normal 31-33 16-18
Northeastern Average maximum temp. / average minimum temp.	above Normal 31-33 21-23	above Normal 30-32 17-19	above Normal 31-33 17-19
Central Average maximum temp. / average minimum temp.	above Normal 32-34 22-24	above Normal 31-33 20-22	above Normal 32-34 20-22
Eastern Average maximum temp. / average minimum temp.	above Normal 32-34 23-25	above Normal 31-33 21-23	above Normal 32-34 21-23
Southern Part (East Coast) Average maximum temp. / average minimum temp.	Slightly above normal 30-32 23-25	Slightly above normal 29-31 22-24	Slightly above normal 30-32 22-24
Southern Part (West Coast) Average maximum temp. / average minimum temp.	Slightly above normal 31-33 23-25	Slightly above normal 31-33 23-25	Slightly above normal 32-34 22-24
Bangkok Metropolis and vicinity Average maximum temp. / average minimum temp.	above Normal 32-34 24-26	above Normal 31-33 22-24	above Normal 32-34 22-24