



Three-Month Climate Characteristic Expectations of Thailand During September – November 2015

Thai Meteorological Department

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General Climate Characteristics

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

September: The Southwest monsoon prevailing over the Andaman Sea and Thailand will still be active periodically. Including with a monsoon trough will place over the central, the lower portion of the northeastern, and the eastern parts periodically. These conditions will influence the Upper Thailand to come across densely abundant rain as scattered to almost widespread rainfall with heavy rain on many areas and very heavy rain in some areas. Thus, flash flood, forest flood and overbank flow may occur in some areas whereas wind waves in the Gulf of Thailand around the eastern part will be active as being 2 – 3 meters high during some periods. **Then during the beginning and the middle of October:** The prevailing southwest monsoon will weaken whereas high pressure air masses from China will prevail over northern and northeastern parts periodically. These conditions will influence the Upper Thailand to come across weather disturbances. Moreover, the amount and distribution of rainfall will reduce together with cool or cold weather in the morning, especially at the upper portions of the northern and northeastern parts. **While during late October until November:** The rather active high pressure air masses from China will prevail over the Upper Thailand periodically. As a result, less rain happens and the weather will be cooler or colder further. In other words, the northern and northeastern parts will be cool or cold in the morning while central and eastern parts will come across cool weather at the upper portion of the parts. For the wind waves in the Gulf of Thailand around the eastern part, they will be about 1 meter high.

The total rain will be slightly below normal while mean temperature will be above normal.

Southern Thailand

September: The active southwest monsoon will still prevail over the Andaman Sea and Southern Thailand periodically. Consequently, the Southern Thailand will face densely abundant rain with heavy to very heavy rain in some areas, mostly at the western coast. Therefore, flash flood, forest flood and overbank flow will happen in some areas. While active wind waves in the Andaman Sea will be about 2 – 4 meters high during some periods whereas those in the Gulf of Thailand will be about 1 – 2 meters high. **October:** The prevailing southwest monsoon will weaken and be in the transitional stage changing to be the northeastern monsoon prevailing over the Gulf of Thailand and the Southern Thailand. Furthermore, the monsoon trough will place over the upper portion of the Southern Thailand periodically. These conditions will influence the Southern Thailand to come across densely abundant rain with heavy to very heavy rain in some areas. While wind waves in the Gulf of Thailand will be more active as being 2 – 3 meters high during some periods whereas those in the Andaman Sea will be about 1 – 2 meters high. **Then during November:** The northeastern monsoon will still prevail over the Gulf of Thailand and the Southern Thailand periodically. Besides, the monsoon trough will place over the central portion of the Southern Thailand during some periods. These conditions will bring about densely abundant rain in the Southern Thailand further as heavy rain occurs in many areas with very heavy rain in some areas. As a result, flash flood, forest flood, and overbank flow will happen in some areas. While wind waves in the Gulf of Thailand will be more active as being 2 – 4 meters high in some periods whereas those in the Andaman Sea will be about 1 meter high.

The total rain will be slightly below normal while mean temperature will be above normal.

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

September: Often, some tropical cyclones may move toward or pass the upper portion of the Upper Thailand influencing Thailand to come across densely abundant rain with heavy to very heavy rainfall on many areas. Thus, flash flood, forest flood and overbank flow will appear on many areas. Then, the public should follow the weather forecast news and warnings from the Thai Meteorological Department further.

October and November: Probably, some tropical cyclones favor to move nearer toward Thailand or move pass the Southern Thailand. They may move through the end of the Indochina Peninsula toward the Gulf of Thailand bringing about the Southern Thailand (East Coast) to come across more rainfall. As a result, flash flood, forest flood and overbank flow will appear in some areas. Thus, the public should follow the weather forecast news and warnings from the Thai Meteorological Department further.

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

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

Parts	September 2015	October 2015	November 2015
Northern Rainfall / rainy days	Slightly below normal (170-220 / 16-19)	Slightly below normal (90-130 / 11-13)	Slightly below normal (20-40 / 2-4)
Northeastern Rainfall / rainy days	Slightly below normal (200-250 / 15-18)	Slightly below normal (80-120 / 8-11)	Slightly below normal (10-20 / 1-3)
Central Rainfall / rainy days	Slightly below normal (210-260 / 17-20)	Slightly below normal (150-200 / 13-16)	Slightly below normal (20-40 / 2-4)
Eastern Rainfall / rainy days	Slightly below normal (280-350 / 18-21)	Slightly below normal (180-230 / 15-17)	Slightly below normal (40-60 / 4-6)
Southern Part (East Coast) Rainfall / rainy days	Slightly below normal (110-150 / 15-18)	Slightly below normal (200-250 / 16-19)	Slightly below normal (280-350 / 14-17)
Southern Part (West Coast) Rainfall / rainy days	Slightly below normal (350-450 / 20-23)	Slightly below normal (280-350 / 20-23)	Slightly below normal (150-200 / 14-17)
Bangkok Metropolis and vicinity Rainfall / rainy days	Slightly below normal (280-350 / 19-22)	Slightly below normal (250-300 / 15-18)	Slightly below normal (30-50 / 4-6)

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	September 2015	October 2015	November 2015
Northern Average maximum temp. / average minimum temp.	Slightly above Normal 32-34 23-25	above Normal 32-34 23-25	above Normal 31-33 20-22
Northeastern Average maximum temp. / average minimum temp.	Slightly above Normal 31-33 24-26	above Normal 32-34 23-25	above Normal 31-33 21-23
Central Average maximum temp. / average minimum temp.	Slightly above Normal 32-34 24-26	above Normal 32-34 24-26	above Normal 32-34 23-25
Eastern Average maximum temp. / average minimum temp.	Slightly above Normal 31-33 24-26	above Normal 32-34 24-26	above Normal 32-34 23-25
Southern Part (East Coast) Average maximum temp. / average minimum temp.	Slightly above Normal 32-34 24-26	above Normal 32-34 24-26	above Normal 31-33 23-25
Southern Part (West Coast) Average maximum temp. / average minimum temp.	Slightly above Normal 31-33 23-25	above Normal 31-33 24-26	above Normal 31-33 24-26
Bangkok Metropolis and vicinity Average maximum temp. / average minimum temp.	Slightly above Normal 32-34 25-27	above Normal 32-34 25-27	above Normal 32-34 24-26