



Thai Meteorological Department

Three-Month Weather Forecast for Thailand

During October - December 2013

Issued on 24th September 2013

General Climatic Conditions

Upper Thailand (The Northern, Northeastern, Central and Eastern parts)

During October: Weather characteristics are variable during the first half of this month, and there will be high pressure air masses from China prevailing over Northern and Northeastern parts from time to time. These conditions will provide rainfall mostly during the first half of this month. Afterward, the amount and distribution of rainfall will reduce, and cool air happens in the morning, especially around the Northern and Northeastern parts.

During November: The high pressure air masses from China will prevail to cover over upper Thailand rather strongly periodically. This causes great reduction in rain falls and temperatures. Especially the Northern and Northeastern parts will have cold or cool air with morning mist or fog at almost all areas. While the Central and Eastern parts will have cool air in many areas, mostly at their upper portions with some mist in the morning.

During December: The high pressure air masses from China will prevail to cover over upper Thailand from time to time with greater strength and lasting continuity causing temperature reduction during this month. Especially the Northern and Northeastern parts will have cool or cold air generally and very cold air in some areas on some days, with morning fog at the upper portion of these parts. For mountain tops including with mountains will have cold to very cold air and some frost on some days.

The summarized amount of rainfall and most average temperatures are nearly normal.

The Southern Thailand:

During October: The southwestern monsoon still prevailing over the Andaman Sea and Southern Thailand during the first half of this month will change to be the northeastern monsoon prevailing over the Gulf of Thailand and Southern Thailand during the second half of this month. Additionally, there will be a low pressure trough lying over the upper portion of Southern Thailand in some periods. These cause Southern Thailand to have abundant rainfall, with heavy to very heavy falls in some areas. Possible flash floods and flooding situations can happen in some areas. While winds and waves in the Gulf of Thailand and the Andaman Sea will be about 2 meters high.

During November and December: Northeastern monsoon still prevails over the Gulf of Thailand and Southern Thailand with periodical strength. Additionally, a low pressure trough will move to lie across the central and lower portions of Southern Thailand during November and December respectively. These cause Southern Thailand to still have abundant rainfall further, with heavy to very heavy falls in many areas, mostly around the eastern coast from Chumporn province downwards. Possible flash floods and flooding situations happen in many areas. For the Gulf of Thailand, waves will be 1 – 2 meters high. And during the active monsoon, waves will be 2 – 3 meters high. While in the Andaman Sea, waves will be about 1 meter high.




The summarized amount of rainfall will be slightly below normal, but the average temperatures will be slightly above normal.

++ + Warnings ++ +

During October: Central and Eastern parts will have continuous rain falls, with river flows from Northern Thailand flow downwards, and in some periods there will be storm surges causing floods and overflows in some areas.

During October, November and December: Often active low pressure air masses forming in the lower portion of the South China Sea, and then strengthening to be tropical cyclones (depressions, tropical storms, or typhoons). And they favor a high chance to move pass the Gulf of Thailand toward Southern Thailand. They make Southern Thailand to have abundant rainfall, with heavy to very heavy falls in many areas. Winds and waves in the Gulf of Thailand will be windy and strong with 2-4 meters high, in addition to possible storm surges around the eastern coast of Southern Thailand. The public should follow weather forecast news from the Thai Meteorological Department closely.

Details of the weather forecasts for each part of Thailand
During October – December 2013 are as follows:

Parts		Temperatures/ Rainfall amounts	October	November	December
Northern Part	Average Maximum Temperatures (°C.)		31-33	30-32	29-31
	Average Minimum Temperatures (°C.)		21-23	19-21	16-18
	Rainfall Amounts (mm. = Millimeters.)		100 - 140	 20 - 40	 less than 10
Northeastern Part	Average Maximum Temperatures (°C.)		31-33	30-32	29-31
	Average Minimum Temperatures (°C.)		22-24	19-21	16-18
	Rainfall Amounts (mm. = Millimeters.)		100 - 140	 10 - 30	 less than 10
Central Part	Average Maximum Temperatures (°C.)		32-34	31-33	31-33
	Average Minimum Temperatures (°C.)		23-25	21-23	20-22
	Rainfall Amounts (mm. = Millimeters.)		160 - 200	 30 - 50	 less than 10
Eastern Part (Including its coastal zones)	Average Maximum Temperatures (°C.)		32-34	31-33	31-33
	Average Minimum Temperatures (°C.)		23-25	22-24	20-22
	Rainfall Amounts (mm. = Millimeters.)		200 - 250	 40 - 60	 less than 10
Southern Part (East Coast)	Average Maximum Temperatures (°C.)		31-33	30-32	29-31
	Average Minimum Temperatures (°C.)		23-25	23-25	22-24
	Rainfall Amounts (mm. = Millimeters.)		210 - 260	 300 - 400	 200 - 250
Southern Part (West Coast)	Average Maximum Temperatures (°C.)		31-33	31-33	31-33
	Average Minimum Temperatures (°C.)		23-25	23-25	23-25
	Rainfall Amounts (mm. = Millimeters.)		300 - 400	 160 - 200	 50 - 80
Bangkok Metropolis and Neighbor Provinces	Average Maximum Temperatures (°C.)		32-34	32-34	31-33
	Average Minimum Temperatures (°C.)		23-25	22-24	21-23
	Rainfall Amounts (mm. = Millimeters.)		270 - 330	 40 - 60	 less than 10
	Partly cloudy		Isolated thundershowers		Widely scattered thundershowers with heavy falls in some areas
	Scattered thundershowers with heavy falls in some areas		Scattered to almost widespread thundershowers with heavy falls in some areas		Scattered to almost widespread thundershowers with heavy to very heavy falls in some areas

Expected rainfall amounts: above or below from normal

Parts	October	November	December
Northern	Nearly normal	Nearly normal	Nearly normal
Northeastern	Nearly normal	Nearly normal	Nearly normal
Central	Nearly normal	Nearly normal	Nearly normal
Eastern	Nearly normal	Nearly normal	Nearly normal
Southern Part (East Coast)	Slightly below normal	Slightly below normal	Slightly below normal
Southern Part (West Coast)	Slightly below normal	Slightly below normal	Slightly below normal
Bangkok Metropolis and Neighbor Provinces	Nearly normal	Nearly normal	Nearly normal

Expected temperatures: above or below from normal

Parts	October	November	December
Northern	Nearly normal	Nearly normal	Nearly normal
Northeastern	Nearly normal	Nearly normal	Nearly normal
Central	Nearly normal	Nearly normal	Nearly normal
Eastern	Nearly normal	Nearly normal	Nearly normal
Southern Part (East Coast)	Slightly above normal	Slightly above normal	Slightly above normal
Southern Part (West Coast)	Slightly above normal	Slightly above normal	Slightly above normal
Bangkok Metropolis and Neighbor Provinces	Nearly normal	Nearly normal	Nearly normal

Remarks:

- Normals mean averages during 30-year period (B.E. 2524 – 2553 or A.D. 1981 - 2010)
- These expectations are long range climatological forecasts by using climatological models and statistical methods. Readers should follow daily weather forecasts from the Thai Meteorological Department.
- The next 3-month expectation will be at the last week in October 2013.
- Enquire the 3-month weather forecasts at Tel. 02-398-9939, Tel./Fax. 02-383-8827 or at Websites: www.tmd.go.th, or www.weather.go.th

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