



Weather outlook for winter season of Thailand (Mid-October 2011 to Mid-February 2012)

General Situation

Upper Thailand The winter season will start around mid-October. The northeast monsoon, which occasionally strengthen, will extend to cover upper Thailand and the Gulf of Thailand, resulting in decreasing temperature to become cool to cold weather with morning fog in northern and northeastern parts before the other parts. For central and eastern parts, the temperature will decrease to become cool weather around November. During the some periods in December 2011 and January 2012, very cold in various areas are expected over the upper northern, upper northeastern and the mountainous areas. The northeast monsoon prevailing over Thailand will weaken around mid-February 2011, causing warm air in central, eastern and southern Thailand, however cool weather will persist in northern and northeastern Thailand until early March. This winter season will be terminated around mid-February 2011.

Southern part The northeast monsoon from the Gulf of Thailand through east coast of southern part and accompanying the low pressure trough downward from upper to lower southern part during mid-October to December. So, the fertile rainfalls are expected mostly over the east coast. By the way, during the winter season, the tropical cyclones may develop and move through southern Thailand causing widespread thundershower with heavy to very heavy rainfalls, flood conditions, strong wind, rough sea with wave height 2-4 meters and storm surge in the tropical cyclone areas. The rainfall will decrease and then cool weather will cover around January.

Forecast for each parts

Northern and Northeastern parts. Around mid-October to November, the weather will be Cool to cold with morning fog. For December 2011 to January 2012, cold to very cold with dense fog in some areas of Mae Hong Son, Chiang Rai, Phayao, Nan, Tak, Loei, Nong Khai, Bungkan, Sakon Nakhon and Nakhon Phanom, especially in the mountainous areas. Around mid-March the temperature will increase.

Central and Eastern parts. Around mid-October to November, Wildly Scattered showers and cool weather with morning fog in some days. Cool weather in general with cold weather in some areas during December to January, especially the mountain areas of Nakhon Sawan, Uthai Thani, Chainat, Kanchanaburi, Ratch Buri, Suphan Buri, Lop Buri, Sara Buri, Nakhon Nayok, Chachoengsao, Prachin Buri, Sakaeo and Chantha Buri. Around February, the weather will be warm to become hot during daytime.

Southern Thailand (East coast). Around mid-October to December, the fertile rainfall will persist and isolated heavy to very heavy falls mostly from Chumphon southward, flooding conditions may occur in southern Thailand and the wave height in the Gulf of Thailand will strengthen. Then, the amount and distribution of rainfall will decrease. Cool will be reported in the morning mostly in the upper portion.

Southern Thailand (West coast). The fertile rainfall still persist and the wave height in the Andaman Sea will be rather active from mid-October to November. Then, the amount of rainfall will decrease. Cool and morning fog mostly in mid-December.

Bangkok Metropolis and Vicinity. Around mid-October to November, Wildly Scattered showers and cool weather with morning fog in some days. Then, cool weather in general and cold weather in some days with morning light fog. Around February, the weather will be warm to become hot during daytime.

Conclusion This winter will begin around mid-October. Mainly temperature will be near normal and average minimum temperature will be below last year (2010-2011). By the way, very cold weather are expected in the upper northern, upper northeastern and the mountainous areas mostly during December 2010 to January 2011. This winter season will be terminated upper Thailand around mid-February 2011. For Southern Thailand, the fertile rainfalls are expected in November and December. Rainfall will be decreasing in January which terminate of rainy season of southern Thailand.

Remark	Cool	minimum temperature	16.0 - 22.9°C
	Cold	minimum temperature	8.0 - 15.9°C
	Very Cold	minimum temperature	0 - 7.9°C

Mean minimum temperature forecast during winter season 2011-2012

Regions	November2010	December2010	January 2011	February 2011	
				First half	Second half
Northern	Upper 16-18 °C. Isolated showers	13-15 °C. Isolated showers	12-14 °C. Isolated showers	14-16 °C. Isolated showers	16-18 °C.
	Lower 19-21 °C. Isolated showers	16-18 °C. Isolated showers	15-17 °C. Isolated showers	16-18 °C.	18-20 °C.
Northeastern	Upper 17-19 °C. Isolated showers	14-16 °C. Isolated showers	14-16 °C. Isolated showers	16-18 °C. Isolated showers	18-20 °C.
	Lower 19-21 °C. Isolated showers	17-19 °C. Isolated showers	17-19 °C. Isolated showers	18-20 °C.	20-22 °C.
Central	21-23 °C. Widely scattered showers	18-20 °C. Isolated showers	19-21 °C. Isolated showers	20-22 °C. Isolated showers	22-24 °C.
East	21-23 °C. Widely scattered showers	19-21 °C. Isolated showers	20-22 °C. Isolated showers	21-23 °C. Isolated showers	22-24 °C.
Southern Thailand (East coast)	22-24 °C. Almost widespread thundershowers and heavy to very heavy falls in some areas, mainly from Chumphon southward.	21-23 °C. Almost widespread thundershowers and heavy to very heavy falls in some areas, mainly from Surat Thani southward.	21-23 °C. Cool weather in upper portion. Widely scattered showers, mainly Nakhon Sri Thammarat southward.	22-24 °C. Isolated showers	
Southern Thailand (West coast)	22-24 °C. Scattered showers and isolated heavy falls.	21-23 °C. Widely scattered showers.	21-23 °C. Isolated showers, mainly during the first half of the month.	22-24 °C. Isolated showers	
Bangkok Metropolis	22-24 °C. Widely scattered showers	20-22 °C. Isolated shower	20-22 °C. Isolated shower	21-23 °C. Isolated showers	23-25 °C.

The extreme minimum temperature by statistics and forecast in December 2011 and January 2012

	December					January				
	Extreme minimum temperature (1951-2010)			Extreme minimum temperature in 2010	Ext. minimum temperature forecast in 2011	Extreme minimum temperature (1951-2011)			Extreme minimum temperature in 2011	Ext. minimum temperature forecast in 2012
	(°C.)	Date	Year	(°C.)	(°C.)	(°C.)	Date	Year	(°C.)	(°C.)
North										
Chiang Rai	1.5	25	1999	12.0	7-9	1.5	2	1974	12.9	6-8
Chiang Mai	3.8	25	1999	13.9	9-11	3.7	2	1974	14.0	8-10
Phitsanulok	8.9	26	1999	16.0	12-14	7.5	13	1955	16.3	11-13
Northeast										
loe i	2.2	31	1973 1975	12.8	7-9	0.1	2	1974	10.6	6-8
Nakhon Phanom	4.1	30	1975	11.8	6-8	1.8	12	1955	10.9	6-8
Nakhon Ratchasima	6.2	31	1975	15.4	13-15	4.9	12	1955	14.6	14-16
Ubon Ratchathani	8.5	30	1975	14.4	12-14	7.6	12	1955	12.6	13-15
Central										
Nakhon Sawan	7.7	25	1999	16.2	14-16	6.1	13	1955	14.5	15-17
Suphanburi	10.0	31	1975	18.0	15-17	9.2	13	1955	17.0	16-18
Kanchanaburi	6.8	31	1975	17.2	14-16	5.5	13	1955	15.8	15-17
East										
Aranyaprathet (Sa kaew)	10.0	31	1975	17.7	14-16	7.6	16	1963	16.6	14-16
Chon Buri	12.0	29	1975	19.0	15-17	9.9	12	1955	19.3	16-18
South										
Prachuap Khiri Khan	11.4	31	1956	20.1	18-20	10.5	19	1963	17.8	17-19
Trang	18.4	1	1982	24.0	21-23	17.4	4	1957	22.7	21-23
Bangkok (Bangna)	11.5	31	1975	20.0	16-18	11.0	15	1976	18.2	16-18