



## Weather outlook for Thailand during Rainy Season (update)

(June to mid-October 2013)

Issued on 28 May 2013

Thai Meteorological Department

### Brief

The rainy season of this year is expected to bring about nearly normal amount of rainfall and nearly last year. During the start of the rainy season, rainfall occurs periodically. Then during about the end of June till the beginning of July, the amount of rainfall will reduce. Thus farmers will have water shortage outside irrigation areas. Afterward during middle July till September, the area distribution and amount of rainfall will increase again. However, the rainy season in upper Thailand will cease around middle October but for southern Thailand still continues until middle January.

### General Condition

In early and middle June, southwest monsoon will prevailing over the Andaman Sea and Thailand with increasing strength, together with a monsoon trough will lies across upper Thailand occasionally. Thus, Thailand will have abundant and continuous rainfall with heavy to very heavy rain in some areas, especially the monsoon reception side, Southern Thailand West Coast and the Eastern Region of Thailand. Afterward, during late June till middle July, the southwest monsoon prevailed the Andaman Sea and Thailand will weaken, in addition the monsoon trough lied across upper Thailand will move upward to lies across southern China. Thus, Thailand will have less rainfall during this period causing water shortage in the agricultural sector, especially at frequent drought areas outside irrigation provision. Then during middle July till September, prevailing southwest monsoon will strengthen, and the monsoon trough will move downward to lies across upper Thailand again. Thus, Thailand will have abundant rainfall with almost widespread rainfall and heavy to very heavy rain in many areas. Therefore, flash floods and flooding situations occur in many areas. During October, high pressure air masses from China will prevail over upper portions of the Northeastern Region and the Northern Region of Thailand periodically. In addition, low pressure trough will move downward to lies across the upper portion of southern Thailand. Furthermore, the southwest direction of the monsoon will change to be northeastern to prevail over Thailand, the Gulf of Thailand and southern Thailand. Therefore, upper Thailand will have less rainfall, the Northeastern Region and the Northern Region will start to be cool. However, southern Thailand still has abundant rainfall, especially East Coast.

The rainy season of this year, upper Thailand will cease around middle October, while the rainfall of southern Thailand still continues until middle January. Thus, heavy to very heavy rain occur in November and December in many areas, especially Southern Thailand East Coast.

## Tropical cyclone (depressions, tropical storms and typhoons)

This year, about 2 tropical cyclones are expected to move toward Thailand.

Their tendencies are:

One tropical cyclone passes upper Thailand during August or September.

And another one will pass the southern Thailand during October or November.

### Cautions:

1. In some periods, heavy to very heavy rain occurs on many days continuously. Therefore, flash floods and flooding situations possibly occur, especially during August till September. The public should be aware of daily or weekly weather news.
2. When tropical cyclones move near or pass Thailand, gusty winds and widespread rain occur with heavy to very heavy rain in many areas. For coastal areas, storm surges occur and sea waves are rough to very rough with 3 – 5 meter height. The public and fishermen should be cautious from these natural hazards, and follow news mindfully during tropical cyclone periods.

## Rainfall prediction for rainy season 2013 (above/below normal)

Region	June	Jul-Aug	Sep-Oct	Nov-Dec
North	SA	N	N	-
Northeast	SA	SA	N	-
Central	SA	N	N	-
East	SA	N	N	-
Southern Thailand East Coast	SA	N	N	N
Southern Thailand West Coast	SA	N	N	N
Bangkok	SA	N	N	-

Remark : N = Near Normal, SA = Slightly above Normal, SB = Slightly below Normal

## Rainfall prediction for rainy season 2013 (millimeters)

Region	Jun	Jul	Aug	Sep	Oct	Nov	Dec
North	140-180	150-190	200-250	180-230	100-140	-	-
Northeast	190-240	190-240	240-290	220-270	90-130	-	-
Central	130-170	140-180	160-200	240-290	170-210	-	-
East	240-290	240-290	280-330	300-350	200-250	-	-
Southern Thailand East Coast	90-130	90-130	100-140	130-170	230-280	300-400	200-250
Southern Thailand West Coast	280-330	300-400	350-450	400-500	300-400	180-220	50-80
Bangkok	130-170	150-190	190-240	260-310	200-250	-	-

Remark : - Confirm the Seasonal weather news at Tel. 02-3989939 Tel/Fax 02-3838827

- [www.tmd.go.th](http://www.tmd.go.th) or [www.weather.go.th](http://www.weather.go.th)

Climatological Center

Meteorological Development Bureau