

## **Monthly Weather Summary in Thailand**

### **July 2010**

During July 2010, the southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand almost the month. In addition, the low pressure trough lay across lower northern, upper central and northeastern parts of Thailand during late month. Furthermore, the typhoon "CONSON" in the middle South China Sea made landfall over the northern Vietnam as a tropical storm on 17 July. These conditions caused rainfall was evenly distribution over Thailand with torrential rainfall in some areas. Monthly rainfall was above normal in almost areas i.e. northern part 24.9 mm (14%), northeastern part 11.7 mm (6%), central part 29.6 mm (19%), eastern part 6.5 mm (2%) and southern part (east coast) 12.3 mm (11%) while it was inversely below normal in southern part (west coast) 34.8 mm (10%). Mean temperatures were slightly above normal in most of areas.

**1 – 10 July:** The rather active southwest monsoon and easterly wave brough fairly widespread rain and heavy to very heavy rainfall to upper Thailand during the early period. After that widely scattered to scattered rain with isolated heavy rainfall were reported. The maximum daily rainfall of 165.4 mm was found in upper Thailand at Taweetha Phisek 2 School Khet Bang Khun Thian Bangkok on July 2. For southern part, widely scattered to scattered rain was found in the east coast with isolated heavy to very heavy rainfall while the west coast experienced fairly widespread rain with isolated heavy to very heavy rainfall during early period. The highest daily rainfall was 127.5 mm at Ko Lanta in Krabi province on July 1.

**11 – 20 July:** As the Typhoon CONSON hit upper Vietnam on 17 July and downgraded to the low pressure cell on the following day, Thailand obtained scattered to fairly widespread rain with isolated heavy to very heavy rainfall. The maximum daily rainfall of 215.0 mm was found in upper Thailand at Amphoe Bung Khla in Nong Khai province on July 17 while that of 86.4 mm was found in southern part at Amphoe Su-ngai Padi in Narathiwat province on July 12.

**21 – 31 July:** With the strengthening of the southwest monsoon and low pressure trough, Thailand received scattered to fairly widespread rain with isolated heavy to very heavy rainfall mainly in the coastal areas of eastern part. The maximum daily rainfall of 246.2 mm was found in upper Thailand at Amphoe Bueng Kan in Nong Khai province on July 23 while that of 95.9 mm was found in southern part at Amphoe Muang in Ranong province on July 26.

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**Note :** Rainfall, temperatures and natural disasters in this report were updated up to August 19, 2010.

Climatological Center  
Meteorological Development Bureau  
Meteorological Department

Monthly Current Report  
Rainfall and Accumulative Rainfall  
July 2010

Northern Thailand

Station	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Chiang Rai	27.4	0.9	273.7	-45.4	702.8	-144.7
Mae Hong Son	28.1	1.3	293.9	77.4	570.2	-87.2
Phayao	27.7	0.7	149.5	9.2	547.2	3.6
Chiang Mai	28.6	1.5	114.5	-43.1	313.5	-207.6
Tha Wang Pha	28.3	1.1	298.5	36.5	740.5	-61.0
Nan	28.8	1.4	147.4	-67.4	506.3	-157.8
Lamphun	28.4	0.6	127.3	9.0	343.3	-108.8
Lampang	28.7	1.1	99.5	-46.5	394.8	-113.2
Mae Sariang	27.6	1.3	236.1	48.2	436.2	-164.8
Phrae	28.5	0.9	110.1	-42.4	325.2	-239.8
Uttaradit	29.2	0.9	222.9	35.5	459.4	-273.4
Bhumibol Dam	28.6	0.3	166.6	86.5	505.1	64.6
Tak	28.8	0.8	258.0	164.3	558.0	110.9
Mae Sot	27.0	1.4	281.4	-31.0	490.3	-284.1
Umphang	25.6	1.3	296.2	80.1	686.9	-51.0
Phitsanulok	29.4	1.0	108.5	-79.4	403.7	-245.4
Lom Sak	28.5	0.9	123.6	-13.1	341.6	-225.1
Phetchabun	28.6	1.0	203.6	49.5	524.2	-60.8
Wichian Buri	28.9	0.3	267.1	106.8	745.6	132.1
Kamphaeng Phet	28.7	0.6	315.2	163.0	763.7	171.9
Over the area	28.3	1.0	204.7	24.9 14%	517.9	-97.0 -16%

Northeastern Thailand

Station	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Nong Khai	28.5	0.9	268.4	5.5	650.0	-234.6
Loei	27.6	0.2	230.8	63.4	604.0	-98.9
Udon Thani	28.7	0.6	225.2	2.4	708.1	-83.8
Nakhon Phanom	28.4	1.2	416.1	-67.8	1033.1	-272.1
Sakon Nakhon	28.7	1.0	191.7	-76.1	711.1	-223.9
Mukdahan	29.2	1.4	188.8	-41.3	691.4	-125.9
Khon Kaen	28.8	0.7	175.9	7.0	604.3	-32.8
Kosum Phisai	29.5	1.1	124.1	-26.8	417.8	-235.3
Roi Et	29.2	1.1	203.4	7.8	550.1	-174.8
Chaiyaphum	28.5	0.6	224.0	104.5	498.4	-74.1
Ubon Ratchathani	29.1	1.3	275.5	23.6	649.9	-201.5
Tha Tum	29.2	0.8	242.8	25.6	613.7	-130.8
Surin	28.6	0.8	190.9	-5.4	621.6	-84.1
Nakhon Ratchasima	28.6	0.3	194.3	79.0	583.5	92.8
Chok Chai	28.6	0.4	207.6	83.7	649.9	126.6
Nang Rong	28.2	0.2	153.6	2.2	568.3	-21.7
Over the area	28.7	0.8	219.6	11.7 6%	634.7	-111.0 -15%

- NOTES :
- 1) Input data are received via ssb radio each day. They have not been certified yet so this current report has to be checked with monthly weather reports later
  - 2) Mean temperature is the average of daily maximum and daily minimum
  - 3) "T" is trace, rainfall amount less than 0.1 mm
  - 4) "blank" is incomplete data.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
July 2010

Central Thailand

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Nakhon Sawan	29.4	0.4	158.5	25.4	492.0	-14.2
Bua Chum	28.9	0.4	139.9	20.9	446.8	-60.3
Lop Buri	29.1	0.7	154.6	28.0	470.0	-33.5
Suphan Buri	29.4	0.8	62.2	-43.8	287.8	-130.2
Thong Pha Phum	27.7	1.2	215.0	-100.4	582.1	-405.3
Kanchanaburi	29.5	1.0	162.1	60.0	415.5	-24.8
Bangkok Airport	29.2	0.6	216.0	59.6	862.4	290.3
Bangkok Metropolis	29.5	0.8	348.7	187.3	961.5	297.1
Over the area	29.1	0.7	182.1	29.6 19%	564.8	-10.0 -2%

Eastern Thailand

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Prachin Buri	29.1	0.7	266.7	-3.7	903.7	-35.3
Kabin Buri	28.3	0.4	138.7	-117.1	539.2	-307.6
Aranyaprathet	28.8	1.1	111.6	-71.1	506.6	-183.1
Chon Buri	29.7	0.9	191.0	58.9	575.6	-5.7
Ko Sichang	29.2	0.4	145.7	25.7	531.7	13.5
Pattaya	28.8	0.4	102.2	11.2	439.7	-46.5
Sattahip	29.1	0.4	168.1	63.1	697.2	124.1
Rayong	29.3	0.4	376.0	212.5	995.1	263.7
Chanthaburi	28.0	0.6	567.4	132.4	1708.3	202.8
Khlong Yai	27.7	0.7	656.5	-246.5	1991.2	-577.3
Over the area	28.8	0.6	272.4	6.5 2%	888.8	-55.3 -6%

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Southern Thailand, east coast

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Phetchaburi	29.4	0.8	43.4	-33.2	366.6	43.7
Hua Hin	29.4	1.0	57.5	-43.0	238.6	-133.1
Prachuap Khiri Khar	28.7	0.9	96.8	-3.4	310.0	-158.4
Chumphon	27.8	0.8	102.2	-74.8	573.2	-233.9
Surat Thani	27.4	0.4	211.7	100.9	550.0	-4.5
Ko Samui	28.9	0.7	156.8	33.6	589.8	-113.1
Nakhon Si Thammarat	27.9	0.2	132.0	18.6	714.6	-43.1
Songkhla	28.2	-0.3	178.5	90.5	513.8	0.1
Hat Yai Airport	27.0	-0.2	115.2	5.8	576.0	-38.2
Pattani Airport	27.8	0.4	106.9	-8.6	328.0	-226.4
Narathiwat	27.6	0.0	181.6	49.0	616.7	-88.6
Over the area	28.2	0.4	125.7	12.3 11%	488.8	-90.6 -16%

Southern Thailand, west coast

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Ranong	27.1	0.5	614.5	-29.7	1492.0	-527.5
Takua Pa	27.1	-0.2	393.3	-44.1	1631.4	-23.0
Phuket	28.6	0.8	223.4	-60.1	1076.1	19.4
Phuket Airport	27.9	0.3	251.2	-37.7	1393.1	242.9
Ko Lanta	28.2	0.1	342.9	48.4	952.9	-28.8
Trang Airport	27.2	0.4	229.4	-40.6	914.6	-58.5
Satun	27.3	-0.1	168.6	-79.9	1253.9	193.7
Over the area	27.6	0.2	317.6	-34.8 -10%	1244.9	-25.8 -2%

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