

## Monthly Weather Summary in Thailand May 2008

The effect of tropical cyclone “NARGIS”(01B) in the Bay of Bengal that hit Myanmar during early May caused abundant rainfall in most of the places in Thailand for few days. Since May 10, which is regarded as the beginning of rainy season for this year, distribution and amount of rain obviously increased due to the influence of low pressure trough lying across the central and eastern parts before drifting northward to the northern and northeastern parts, southwest monsoon prevailing over the Andaman Sea, Thailand and the Gulf of Thailand and the low pressure cell covering upper Vietnam during late May. Monthly rainfall was above normal in every parts i.e. northern part 4.0 mm (2%), northeastern part 47.8 mm (26%), central part 26.7 mm (17%) eastern part 22.0 mm (10%) and southern part (east coast) 20.3 mm (15%) and southern part (west coasts) 75.3 mm (24%). Mean temperatures were below normal in general.

**1 – 9 May:** During early period, tropical cyclone “NARGIS”(01B) in the Bay of Bengal made landfall over Myanmar on May 2. As it moved inland, it downgraded to the tropical depression and active low pressure cell covering the border of Myanmar and Mae Hong Son province of Thailand. As a result, upper Thailand obtained abundant rainfall with isolated heavy to very heavy rainfall during the first half of the period and decreasing rain during the second half. The maximum daily rainfall was 138.0 mm at Phliu Agromet Station in Chanthaburi province on May 3. For southern part, scattered to fairly widespread rain was found with heavy to very heavy rainfall in some areas, the highest rainfall amount was 245.3 mm at Kra Buri in Ranong province on May 4.

**10 – 20 May:** Rainfall was relatively increased across Thailand both amount and distribution. Heavy to very heavy rainfall was found in several places particularly during the first half of the period. The heaviest daily rainfall in upper Thailand was 178.1 mm at Van Yai in Mukdahan province on May 19 while southern part had its highest amount of 190.5 mm at King Amphoe Suk Samran, Ranong province on May 12. Flash floods were reported at Kamphaeng Phet and Nan on May 10, Nakhon Ratchasima, Chumphon, Surat Thani and Phangnga on May 13 and also at Nakhon Sawan and Uthai Thani provinces on May 14 and May 16, respectively.

**21 – 31 May:** Thailand experienced scattered to fairly widespread rain almost the period and heavy to very heavy rainfall in some areas. The maximum daily rainfall of 135.0 mm was recorded in upper Thailand at Amphoe Muang, Chanthaburi province on May 28 while that of 119.5 mm was found in southern part at Sai Buri, Pattani province on the same day. Flash floods occurred at Mae Hong Son province on May 24.

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**Note :** Rainfall, temperatures and natural disasters in this report was updated up to June 9, 2008.

Climatological Group  
Meteorological Development Bureau  
Meteorological Department

Monthly Current Report  
Rainfall and Accumulative Rainfall  
May 2008

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	26.6	-0.4	228.4	33.7	524.9	191.3
Mae Hong Son	27.3	-1.4	221.9	53.6	415.6	159.1
Phayao	26.5	-1.6	120.8	-47.9	238.0	-63.5
Chiang Mai	27.4	-0.7	158.7	3.3	255.7	11.6
Tha Wang Pha	27.1	-1.1	120.0	-70.5	401.8	50.5
Nan	27.8	-0.6	76.1	-91.7	280.5	-35.4
Lamphun	27.4	-1.5	157.8	11.4	294.0	83.4
Lampang	27.6	-1.1	159.1	10.6	336.7	89.4
Mae Sariang	27.4	-1.2	146.6	-16.2	243.6	8.8
Phrae	27.9	-1.0	75.5	-98.5	305.1	13.2
Uttaradit	28.8	-1.0	128.6	-104.6	227.0	-132.6
Bhumibol Dam	28.1	-1.5	251.3	68.4	342.3	70.0
Tak	28.4	-1.2	203.5	42.3	413.3	184.1
Mae Sot	26.5	-1.3	271.6	102.8	498.8	272.1
Umphang	24.7	-0.9	261.2	74.9	642.4	311.6
Phitsanulok	28.8	-1.0	161.1	-17.3	247.6	-33.8
Lom Sak	27.6	-1.0	121.8	-37.5	301.8	8.3
Phetchabun	28.0	-0.8	201.5	45.7	364.7	78.0
Wichian Buri	28.8	-0.7	233.3	65.6	487.6	171.0
Kamphaeng Phet	27.8	-1.7	250.0	51.8	393.1	103.1
Over the area	27.5	-1.1	177.4	4.0 2%	360.7	77.1 27%

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	27.5	-0.8	290.6	64.0	607.1	247.1
Loei	26.9	-0.8	149.9	-52.8	446.6	85.8
Udon Thani	27.8	-0.9	287.9	93.4	585.6	234.4
Nakhon Phanom	26.9	-1.3	314.3	77.1	546.2	125.2
Sakon Nakhon	27.1	-1.2	228.3	4.3	558.8	161.5
Mukdahan	27.4	-1.4	243.0	66.5	336.4	10.4
Khon Kaen	27.5	-1.5	138.6	-33.2	539.3	239.6
Kosum Phisai	28.1	-1.2	180.1	22.2	570.8	261.6
Roi Et	27.8	-1.1	195.6	10.9	431.2	111.2
Chaiyaphum	27.9	-1.0	140.1	-7.2	608.3	307.8
Ubon Ratchathani	27.7	-1.2	303.7	93.6	370.0	31.5
Tha Tum	28.4	-1.1	293.0	124.8	333.6	21.8
Surin	27.6	-1.3	304.8	139.2	433.0	129.8
Nakhon Ratchasima	28.4	-0.5	164.6	27.4	458.2	194.6
Chok Chai	28.0	-0.7	264.2	108.7	400.2	114.6
Nang Rong	27.8	-1.1	183.1	25.5	432.5	134.7
Over the area	27.7	-1.0	230.1	47.8 26%	478.6	150.7 46%

- 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  
May 2008

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	28.7	-1.5	124.2	-28.9	320.0	57.3
Bua Chum	28.5	-0.8	100.1	-32.3	332.5	56.5
Lop Buri	28.7	-0.9	141.1	-6.1	348.0	84.7
Suphan Buri	29.0	-0.8	189.7	69.1	264.1	52.3
Thong Pha Phum	26.6	-1.8	313.3	108.7	510.2	142.5
Kanchanaburi	29.1	-0.8	53.1	-82.2	375.9	121.5
Bangkok Airport	29.2	-0.3	313.7	147.4	427.8	147.3
Bangkok Metropolis	29.3	-0.4	257.9	38.3	573.7	220.2
Over the area	28.6	-1.0	186.6	26.7 17%	394.0	110.2 39%

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	28.8	-0.5	334.9	121.2	552.3	135.5
Kabin Buri	28.1	-0.8	179.7	-20.2	440.9	75.5
Aranyaprathet	28.7	-0.2	176.9	6.8	352.7	17.0
Chon Buri	29.7	0.1	66.2	-99.1	260.6	-45.3
Ko Sichang	29.4	-0.2	100.1	-34.3	246.1	-28.3
Pattaya	28.9	-0.3	70.0	-86.1	224.5	-66.5
Sattahip	29.2	-0.4	55.6	-119.8	323.9	-28.5
Rayong	29.2	-0.6	104.9	-86.9	315.1	-85.1
Chanthaburi	27.7	-0.4	766.2	429.7	1120.7	565.5
Khlong Yai	27.6	-0.8	479.5	108.5	1040.0	277.4
Over the area	28.7	-0.4	233.4	22.0 10%	487.7	81.7 20%

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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	28.9	-0.5	78.4	-8.7	164.7	11.4
Hua Hin	28.4	-0.8	87.8	-11.4	190.1	-3.3
Prachuap Khiri Khan	27.9	-0.8	134.8	13.4	440.1	167.5
Chumphon	27.1	-0.9	317.1	143.1	706.4	250.1
Surat Thani	27.4	-0.4	196.9	41.3	438.3	108.7
Ko Samui	28.4	-0.6	205.8	62.2	597.7	126.7
Nakhon Si Thammarat	27.8	-0.3	180.1	7.9	993.6	448.4
Songkhla	28.3	-0.8	137.3	17.8	428.7	96.1
Hat Yai Airport	27.4	-0.3	85.8	-75.9	499.4	99.8
Pattani Airport	28.1	0.1	104.5	-32.7	294.0	-34.0
Narathiwat	27.7	-0.6	207.0	65.5	542.7	97.0
Over the area	27.9	-0.6	157.8	20.3 15%	481.4	124.4 35%

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	27.0	-0.5	1043.1	597.1	1344.4	665.2
Takua Pa	27.4	-0.4	469.0	23.7	1051.1	236.0
Phuket	28.7	0.2	383.7	101.1	716.9	187.7
Phuket Airport	28.4	0.3	228.3	-63.1	633.8	34.9
Ko Lanta	28.6	-0.1	110.2	-157.9	271.3	-197.1
Trang Airport	27.3	-0.3	194.8	-25.3	511.8	34.1
Satun	27.7	-0.4	303.1	51.6	692.1	73.4
Over the area	27.9	-0.1	390.3	75.3 24%	745.9	147.8 25%

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