# Monthly Weather Summary in Thailand April 2021

Under the influence of the heat low pressure cell occasionally covered upper Thailand and the southerly winds prevailing over Thailand almost the whole month, the weather condition was hot to very hot in many area of upper Thailand. Meanwhile, the weather turned to hot in most of southern part mainly in the upper portion. However, the mean temperature were below the 1981-2010 normal in all parts because the occasional rain and thunderstorm over Thailand. Effect of the ridge of high pressure area from China extended to cover upper Thailand and South China sea, the passage of the westerly trough moved through the northern and northeastern parts during 4-6 and 17-19 in addition with the active low pressure cell covering the Andaman Sea during early month brought average total rainfall over Thailand was 96 percent higher than normal. Monthly rainfall in all parts was above normal i.e. northern part 124.9 mm (175%), northeastern part 67.3 mm (78%), central part 86.3 mm (109%), eastern part 91.1 mm (92%) southern part (east coast) 15.4 mm (20%) and southern part (west coast) 108.7 mm (68%).

- 1 10 April: The southerly and the southeasterly winds prevailed over lower northern, northeastern, central and eastern parts almost the period in addition with the heat low pressure cell covered upper Thailand during early and late period. During mid period, the moderate high pressure area from China extended its ridge to cover the mentioned areas and the westerly trough moved to cover the northern part. These condition caused hot weather in most areas of upper Thailand during early and late period and very hot weather in many places during early period. The highest maximum temperature was 41.7°C at Amploe Chaibadan in Lop Buri province on 2. For rainfall, it was found over upper Thailand almost the period especially scattered to fairly widespread rain with heavy to very heavy rainfall in some areas during mid period and the highest daily rainfall was 153.0 mm at Amphoe Khlung in Chantaburi province on 6. Thunderstorm and gusty wind occurred at Nan Pichit, Chiang Rai, Uttaradit, Lamphang, Tak SuKhothai, Phitsanulok, Phetchabun, Phayao, Chiang Mai, Kampheang Phet, Phare, Nakhon Phanom, Mukdahan, Si Saket, Nakhon Ratchasima, Udon Thani, Sakon Nakhon, Nong Bua Lam Phu, Surin, Loei, Khon Khen, Roi Et, Maha Sarakham, Ubon Ratchathani, Burirum, Chaiyaphum, Yasoton, Chai Nat, Singburi, นครสวรรค์, Uthai Thani, Saraburi, Angthong, Prachinburi, Rayong, Chachoengsao, Chonburi and Chantaburi provinces. In southern part, scattered to widespread rain almost the whole period with heavy to very heavy rainfall in some areas by the prevailing of the easterly and southeasterly winds over the Gulf of Thailand and southern part and the active low pressure cell covering the Andaman Sea during early period with highest daily rainfall of 99.5 mm at Amphoe Suk Samran in Ranong province on 6.
- 11 20 April: The southerly and the southeasterly winds prevailed over lower northern, northeastern, central and eastern parts throughout the period. In addition during mid-period, the moderate high pressure cell from China extended its ridge to cover northern and northeastern parts and the westerly trough moved to cover northern and northeastern parts while warmer air existed over upper Thailand. These caused rainfall with thunderstorm in many places of upper Thailand mainly during the second half of the period and thunderstorm with gusty wind occurred at Lampang,

Lamphun, Phere, Uttaradit, Kampheang Phet, Phetchabun, Chiang Mai, Phayao, Phitsanulok, Pichit, Chiang Rai, Mae Hong Son, Sukhothai, Burirum, Bueang Kan, Nong Bur Lam Phu, Mukdahan, Maha Sarakham, Yasoton, Udon Thani, Si Saket, Roi Et, Nakhon Ratchasima, Kalasin, Loei, Khon Khen, Surin, Ubon Ratchathani, Nakhon Paamon, Sakon Nakhon, Nong Khai, Chainat, Saraburi, Nakhon Sawan, Lop Buri, Singburi, Uthai Thani, Phra Nakhon Si Ayutthaya, Ratchaburi, Angthong, Chachoengsao, Prachinburi and Chonburi provinces. The maximum daily rainfall of 122.3 mm was measured at Amphoe Nong Wua So in Udon Thani province on 16. However, hot weather remaining in most areas of upper Thailand mainly during the first half of the period effect by the heat low pressure cell covered the mentioned areas during 13-16 and the highest maximum temperature was 39.7 °C at Amphoe Mueang in Mae Hong Son province on 15. In southern part, scattered to fairly widespread rain was found almost the whole period with heavy to very heavy rainfall in some areas by the prevailing of the southerly and southwesterly winds over southern part almost the whole period. The heaviest daily rainfall was 123.6 mm at Amphoe Suk Samran in Ranong province on 19.

21 - 30 April: The heat low pressure cell covered upper Thailand in addition with the southerly and the southeasterly winds prevailed over lower northern, northeastern, central and eastern parts during the first half of the period. After that, the high pressure area from China extended its ridge to cover the northern and northeastern parts associated with the confluence of southwesterly and southeasterly winds prevailed over upper Thailand. During the first half of the period, the weather condition was hot weather in most areas of upper Thailand with very hot weather in some areas and received rainfall mainly in central and eastern parts and then decreasing in temperature with increasing in rainfall to scattered to fairly widespread rain with heavy to very heavy rainfall in some areas. The highest maximum temperature was 41.2 °C at Amphoe Mueang in Mea Hong Son province on 22 and the maximum daily rainfall in upper Thailand was 134.9 mm at Amphoe Kamalasai in Kalasin province on 22 with thunderstorm and gusty wind was found at Lamphun, Chaing Mai, Lampang, Nan, Phayao, Tak Uttaradit, Phichit, Phitsanulok, Chiang Rai, Mae Hong Son, Kampheang Phet, Nakhon Ratchasima, Sakon Nakhon, Nong Khai, Nong Bua Lap Phu, Si Saket, Maha Sarakham, Mukdahan, Nakhon Phanom, Surin, Roi Et, Suphanburi, Angthong, Uthai Thani, Singburi, Samutprakan, Nakhon Pathom, Ratchaburi, Saraburi, Chainat and Chachoengsao provinces. In southern part, received scattered to fairly widespread rain mainly along west coast with heavy to very heavy rainfall in some areas effect by the southerly and southwesterly winds prevailed over southern part almost the whole period. The heaviest daily rainfall was 113.8 mm at Phuket Airport in Phuket province on 26.

Note: Rainfall, temperatures and natural disasters in this report were updated up to May 7, 2021.

Climatological Center, Meteorological Development Division

Thai Meteorological Department

## Monthly Current Report Rainfall and Accumulative Rainfall April 2021

### Northern Thailand

	Temperature ( °c)		Rainfa	ll (mm)	Accumulative rainfall (mm) Since 1 January		
Station		Above		Above		Above	
	Mean	or below	Actual	or below	Actual	or below	
		normal		normal		normal	
Chiang Rai	26.6	-0.5	83.2	-14.7	170.8	23.4	
Mae Hong Son	29.3	-0.8	114.0	50.8	134.4	42.0	
Phayao	27.4	-1.3	161.8	72.6	237.7	103.4	
Chiang Mai	28.4	-0.9	142.8	85.5	179.9	91.7	
Tha Wang Pha	27.3	-1.0	285.4	182.9	381.5	229.5	
Nan	27.8	-1.2	189.2	89.6	236.3	87.7	
Lamphun	28.2	-1.9	67.8	23.3	111.4	46.1	
Lampang	28.8	-1.2	166.3	100.4	188.5	88.2	
Mae Sariang	28.2	-1.1	224.2	179.5	226.0	159.1	
Phrae	28.5	-1.5	177.8	95.7	184.7	60.4	
Uttaradit	29.2	-1.6	174.0	103.0	189.5	75.1	
Bhumibol Dam	29.1	-1.8	281.1	215.0	297.3	200.6	
Tak	29.3	-2.2	370.8	313.2	379.4	298.9	
Mae Sot	28.3	-0.8	89.2	44.4	93.8	23.6	
Umphang	25.6	-0.5	227.9	126.6	317.8	152.7	
Phitsanulok	29.1	-1.7	235.2	179.5	306.9	207.1	
Lom Sak	28.0	-1.2	247.8	184.6	272.2	143.3	
Phetchabun	28.4	-1.4	235.8	159.8	262.1	116.5	
Wichian Buri	29.0	-1.4	309.4	219.5	357.2	196.4	
Kamphaeng Phet	29.5	-0.9	139.8	87.0	188.8	83.9	
Over the area	28.3	-1.2	196.2	124.9	235.8	121.4	
				175%		106%	

# Northeastern Thailand

	Tempera	ature (°c)	Rainfall (mm)			e rainfall (mm) January
Station		Above		Above		Above
	Mean	or below	Actual	or below	Actual	or below
		normal		normal		normal
Nong Khai	29.5	0.0	166.6	83.2	269.9	121.1
Loei	27.5	-0.9	279.5	176.8	357.5	193.2
Udon Thani	29.2	-0.6	182.5	108.4	232.1	80.0
Nakhon Phanom	29.6	0.6	97.8	-3.3	178.5	-16.7
Sakon Nakhon	28.7	-0.4	153.8	60.5	259.7	74.9
Mukdahan	29.6	0.0	138.2	61.8	153.7	17.4
Khon Kaen	28.9	-1.0	135.8	46.2	249.5	92.4
Kosum Phisai	29.6	-0.5	104.9	15.9	183.9	24.6
Roi Et	29.6	-0.2	100.5	24.6	201.2	61.3
Chaiyaphum	29.0	-1.0	101.9	9.3	153.1	-9.6
Ubon Ratchathani	30.2	0.2	87.1	0.3	102.6	-32.1
Tha Tum	29.1	-1.3	96.7	10.0	127.3	-24.8
Surin	29.4	-0.4	114.1	20.8	193.7	37.7
Nakhon Ratchasima	28.7	-1.3	229.9	157.7	262.7	129.1
Chok Chai	28.6	-1.0	133.6	52.3	157.3	19.7
Nang Rong	28.3	-1.2	334.4	252.8	375.6	221.8
Over the area	29.1	-0.6	153.6	67.3	216.1	61.8
				78%		40%

NOTES: 1) Mean temperature is the average of daily dry-bulb temperature

2) "T" is trace, rainfall amount less than 0.1 mm.3) "blank" is incomplete data.

4) Temperature and rainfall are preliminary data.

## Monthly Current Report Rainfall and Accumulative Rainfall April 2021

### Central Thailand

	Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January		
Station		Above		Above		Above	
	Mean	or below	Actual	or below	Actual	or below	
		normal		normal		normal	
Nakhon Sawan	29.8	-1.6	178.7	115.0	188.1	75.1	
Bua Chum	29.1	-1.2	152.7	71.3	192.1	49.1	
Lop Buri	29.4	-1.0	151.6	70.1	163.2	37.0	
Suphan Buri	29.7	-0.7	169.7	120.6	207.1	128.5	
Thong Pha Phum	28.4	-1.4	192.4	90.6	248.3	78.3	
Kanchanaburi	29.7	-1.3	89.7	11.2	150.2	21.2	
Bangkok Airport	29.2	-1.2	199.8	111.3	213.4	64.1	
Bangkok Metropolis	29.8	-0.7	191.9	100.5	289.5	122.7	
Over the area	29.4	-1.1	165.8	86.3	206.5	72.0	
				109%		54%	

#### Eastern Thailand

	Tempera		Rainfa	ll (mm)	Accumulative rainfall (mm) Since 1 January		
Station		Above		Above		Above	
	Mean	or below	Actual	or below	Actual	or below	
		normal		normal		normal	
Prachin Buri	29.5	-0.6	210.1	92.1	228.0	36.6	
Kabin Buri	28.1	-1.7	236.1	137.3	300.8	116.6	
Aranyaprathet	29.4	-0.7	237.0	151.3	286.6	115.5	
Chon Buri	29.1	-1.1	146.5	72.4	271.8	126.0	
Ko Sichang	28.7	-1.1	72.0	-5.3	86.8	-66.7	
Pattaya	28.4	-0.9	125.8	61.8	247.2	100.0	
Sattahip	28.6	-1.2	287.3	208.4	440.8	258.1	
Rayong	29.1	-0.9	85.9	4.3	224.0	14.9	
Chanthaburi	28.3	-0.4	260.5	135.3	487.5	235.3	
Khlong Yai	28.4	-0.1	239.2	53.8	348.4	-75.5	
Over the area	28.8	-0.8	190.0	91.1	292.2	86.0	
				92%		42%	

NOTES: 1) Mean temperature is the average of daily dry-bulb temperature 2) "T" is trace, rainfall amount less than 0.1 mm. 3) "blank" is incomplete data.

- 4) Temperature and rainfall are preliminary data.

## Monthly Current Report Rainfall and Accumulative Rainfall April 2021

### Southern Thailand, east coast

	Temperature (°c)		Rainfa	ll (mm)	Accumulative rainfall (mm) Since 1 January		
Station		Above		Above		Above	
	Mean	or below	Actual	or below	Actual	or below	
		normal		normal		normal	
Phetchaburi	28.9	-0.8	44.7	7.8	74.1	-11.2	
Hua Hin	28.9	-0.7	40.8	-5.6	89.0	-38.4	
Prachuap Khiri Khan	28.9	-0.3	92.6	37.1	169.7	-3.8	
Chumphon	28.3	-0.4	116.9	31.1	155.9	-131.2	
Surat Thani	27.6	-0.7	90.2	16.8	186.4	39.9	
Ko Samui	29.4	0.3	48.9	-34.2	145.1	-159.4	
Nakhon Si Thammarat	28.0	-0.4	229.6	122.6	381.5	-28.8	
Songkhla	28.7	-0.2	89.9	14.8	269.9	11.7	
Hat Yai Airport	27.5	-0.5	133.0	14.4	354.0	82.1	
Pattani Airport	28.4	0.2	50.6	-24.0	254.2	47.3	
Narathiwat	28.5	0.2	61.5	-11.3	344.5	-1.0	
Over the area	28.5	-0.3	90.8	15.4	220.4	-17.6	
				20%		-7%	

### Southern Thailand, west coast

	Temperature ( °c)		Rainfa	ll (mm)	Accumulative rainfall (mm) Since 1 January		
Station	3.4	Above	A , 1	Above	A , 1	Above	
	Mean	or below	Actual	or below	Actual	or below	
		normal		normal		normal	
Ranong	28.0	-0.8	239.4	86.8	255.4	11.6	
Takua Pa	27.6	-0.6	405.2	195.2	536.2	131.1	
Phuket	29.0	-0.4	222.0	79.1	331.8	61.2	
Phuket Airport	28.7	0.1	314.7	160.7	426.7	109.0	
Ko Lanta	28.5	-0.5	251.5	132.5	286.1	71.7	
Trang Airport	27.8	-0.5	208.3	68.6	275.5	-0.9	
Satun	27.8	-0.6	244.3	38.3	366.9	-28.1	
Over the area	28.2	-0.5	269.3	108.7	354.1	50.8	
				68%		17%	

NOTES: 1) Mean temperature is the average of daily dry-bulb temperature 2) "T" is trace, rainfall amount less than 0.1 mm. 3) "blank" is incomplete data.

- 4) Temperature and rainfall are preliminary data.

#### **Monthly Current Report**

#### April 2021

		Temper	ature (°c)	Rainfa	ll (mm)	Accumulative rainfall (mn Since 1 January	
Region	Station		Above		Above		Above
		Mean	or below	Actual	or below	Actual	or belov
	CI: D:	26.6	normal	02.2	normal	170.0	normal
	Chiang Rai Mae Hong Son	26.6 29.3	-0.5 -0.8	83.2 114.0	-14.7 50.8	170.8 134.4	23.4 42.0
	Phayao	27.4	-1.3	161.8	72.6	237.7	103.4
	Chiang Mai	28.4	-0.9	142.8	85.5	179.9	91.7
	Tha Wang Pha	27.3	-1.0	285.4	182.9	381.5	229.5
	Nan	27.8	-1.2	189.2	89.6	236.3	87.7
	Lamphun	28.2	-1.9	67.8	23.3	111.4	46.1
	Lampang	28.8	-1.2	166.3	100.4	188.5	88.2
	Mae Sariang	28.2	-1.1	224.2	179.5	226.0	159.1
North	Phrae	28.5	-1.5	177.8	95.7	184.7	60.4
	Uttaradit	29.2	-1.6	174.0	103.0	189.5	75.1
	Bhumibol Dam Tak	29.1 29.3	-1.8 -2.2	281.1 370.8	215.0 313.2	297.3 379.4	200.6 298.9
	Mae Sot	28.3	-0.8	89.2	44.4	93.8	23.6
	Umphang	25.6	-0.5	227.9	126.6	317.8	152.7
	Phitsanulok	29.1	-1.7	235.2	179.5	306.9	207.1
	Lom Sak	28.0	-1.2	247.8	184.6	272.2	143.3
	Phetchabun	28.4	-1.4	235.8	159.8	262.1	116.5
	Wichian Buri	29.0	-1.4	309.4	219.5	357.2	196.4
	Kamphaeng Phet	29.5	-0.9	139.8	87.0	188.8	83.9
	Nong Khai	29.5	0.0	166.6	83.2	269.9	121.1
	Loei	27.5	-0.9	279.5	176.8	357.5	193.2
	Udon Thani Nakhon Phanom	29.2 29.6	-0.6 0.6	182.5 97.8	108.4 -3.3	232.1 178.5	80.0 -16.7
	Sakon Nakhon	28.7	-0.4	153.8	-3.3 60.5	259.7	74.9
	Mukdahan	29.6	0.0	133.8	61.8	153.7	17.4
	Khon Kaen	28.9	-1.0	135.8	46.2	249.5	92.4
NT 41 4	Kosum Phisai	29.6	-0.5	104.9	15.9	183.9	24.6
Northeast	Roi Et	29.6	-0.2	100.5	24.6	201.2	61.3
	Chaiyaphum	29.0	-1.0	101.9	9.3	153.1	-9.6
	Ubon Ratchathani	30.2	0.2	87.1	0.3	102.6	-32.1
	Tha Tum	29.1	-1.3	96.7	10.0	127.3	-24.8
	Surin	29.4	-0.4	114.1	20.8	193.7	37.7
	Nakhon Ratchasima	28.7	-1.3	229.9	157.7	262.7	129.1
	Chok Chai Nang Rong	28.6 28.3	-1.0 -1.2	133.6 334.4	52.3 252.8	157.3 375.6	19.7 221.8
	Nakhon Sawan	29.8	-1.6	178.7	115.0	188.1	75.1
	Bua Chum	29.1	-1.2	152.7	71.3	192.1	49.1
	Lop Buri	29.4	-1.0	151.6	70.1	163.2	37.0
Central	Suphan Buri	29.7	-0.7	169.7	120.6	207.1	128.5
Central	Thong Pha Phum	28.4	-1.4	192.4	90.6	248.3	78.3
	Kanchanaburi	29.7	-1.3	89.7	11.2	150.2	21.2
	Bangkok Airport	29.2	-1.2	199.8	111.3	213.4	64.1
	Bangkok Metropolis	29.8	-0.7	191.9	100.5	289.5	122.7
Prachin Buri		29.5	-0.6	210.1	92.1	228.0	36.6
	Kabin Buri Aranyaprathet	28.1 29.4	-1.7	236.1 237.0	137.3	300.8	116.6
	Chon Buri	29.4	-0.7 -1.1	146.5	151.3 72.4	286.6 271.8	115.5 126.0
	Ko Sichang	28.7	-1.1	72.0	-5.3	86.8	-66.7
East	Pattaya	28.4	-0.9	125.8	61.8	247.2	100.0
	Sattahip	28.6	-1.2	287.3	208.4	440.8	258.1
	Rayong	29.1	-0.9	85.9	4.3	224.0	14.9
	Chanthaburi	28.3	-0.4	260.5	135.3	487.5	235.3
	Khlong Yai	28.4	-0.1	239.2	53.8	348.4	-75.5
	Phetchaburi	28.9	-0.8	44.7	7.8	74.1	-11.2
	Hua Hin Prachuan Khiri Khan	28.9	-0.7	40.8	-5.6 27.1	89.0	-38.4
	Prachuap Khiri Khan Chumphon	28.9 28.3	-0.3 -0.4	92.6 116.9	37.1 31.1	169.7 155.9	-3.8 -131.2
	Cnumpnon Surat Thani	28.3 27.6	-0.4 -0.7	90.2	16.8	155.9 186.4	-131.2 39.9
South	Ko Samui	29.4	0.3	48.9	-34.2	145.1	-159.4
(East Coast)	Nakhon Si Thammarat	28.0	-0.4	229.6	122.6	381.5	-28.8
	Songkhla	28.7	-0.2	89.9	14.8	269.9	11.7
	Hat Yai Airport	27.5	-0.5	133.0	14.4	354.0	82.1
	Pattani Airport	28.4	0.2	50.6	-24.0	254.2	47.3
	Narathiwat	28.5	0.2	61.5	-11.3	344.5	-1.0
	Ranong	28.0	-0.8	239.4	86.8	255.4	11.6
	Takua Pa	27.6	-0.6	405.2	195.2	536.2	131.1
South	Phuket	29.0	-0.4	222.0	79.1	331.8	61.2
West Coast)	Phuket Airport	28.7	0.1	314.7	160.7	426.7	109.0
•	Ko Lanta	28.5 27.8	-0.5 -0.5	251.5 208.3	132.5 68.6	286.1 275.5	71.7 -0.9
	Trang Airport Satun	27.8	-0.5 -0.6	244.3	38.3	366.9	-0.9
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	Over the area	28.7	-0.8	173.5	84.8	245.2	69.7

NOTES : 1) Mean temperature is the average of daily dry-bulb temperature

2) "T" is trace, rainfall amount less than 0.1 mm.

3) "blank" is incomplete data.

4) Temperature and rainfall are preliminary data.















