

Monthly Weather Summary in Thailand

July 2025

The weather in July 2025 was dominated by the southwest monsoon, which prevailed over the Andaman Sea, Thailand and the Gulf of Thailand, with moderate to rather strong at times. Additionally, the monsoon trough lay across Myanmar and northern Laos and, it shifted southward to lie over the upper northern region of Thailand and northern Laos at times. Moreover, a low-pressure cell covered upper Vietnam for most of the month and over upper Laos for few days. Moreover, at the end of the month, the tropical storm “WIPHA, (2506)” made landfall at upper Vietnam on 22 July and gradually weakened into an active low-pressure cell as it moved over upper Laos and the upper northern region of Thailand, as well as northern Myanmar. These resulted in plentiful rainfall over upper Thailand, particularly in the northern and upper northeastern regions. Heavy to very heavy rainfall occurred frequently, causing flooding in many areas, and landslides in some places, especially in Chiang Rai, Nan, and Phayao provinces, which experienced intense rainfall and severe flooding. The maximum daily rainfall and monthly total rainfall recorded in these areas exceeded previously highest recorded of July. In the southern region, the moderate to rather strong southwest monsoon brought plentiful rainfall, especially along the western coast, in the beginning and the middle of the month. However, at the end of the month, rainfall was obviously decreased due to the influence of a high-pressure system from the Southern Hemisphere that extended to cover the Andaman Sea and southern Thailand. Monthly rainfall was above normal in the northern part 84.6 mm (45%), northeastern part 3.1 mm (1%) and central part 2.2 mm (1%). It was inversely below normal in the eastern part 43.6 mm (15%), southern part (east coast) 49.3 (41%) and southern part (west coast) 138.0 mm (39%). The average total rainfall over Thailand in July was 1% lower than normal. Overall, the average temperature over Thailand was 0.3 °C higher than normal.

1 – 10 July: The moderate southwest monsoon prevailed over the Andaman Sea, Thailand, and the Gulf of Thailand throughout the period. Additionally, at the beginning of the period, the monsoon trough lay across upper Myanmar and upper Laos, before shifting southward to lie over the upper northern and upper northeastern regions of Thailand. Moreover, a low-pressure cell persisted over upper Vietnam almost the period and over upper Laos for few days. These conditions brought abundant rainfall over upper Thailand, with fairly widespread rain almost the period and heavy to very heavy rainfall in some places. The highest daily rainfall in upper Thailand was 210.5 mm at Khlung, Chanthaburi province, on 2 July. Flooding occurred in Chiang Rai province on 5 July, Nan province on 9 July, and Phrae and Uttaradit provinces on 10 July. In the southern region, plentiful rainfall occurred primarily along the west coast, with widespread rain almost the period and heavy to very heavy rain in some areas. The southern east coast received scattered rain with heavy to very heavy rain in some areas. The maximum daily rainfall was 160.0 mm in Kuraburi, Phang-nga province, on 1 July, with flooding in Phuket province on 8 July.

11 – 20 July: During the first half of the period, the monsoon trough lay across the upper northern region of Thailand upper Laos into a low-pressure cell over upper Vietnam. Additionally, the low-pressure cell persisted over upper Vietnam almost the period and covered the northeastern region of Thailand on 12-13 August, as well as upper Laos on 16-17 August. Concurrently, a moderate to rather strong southwest monsoon prevailed over the Andaman Sea, Thailand, and the Gulf of Thailand throughout the period. Besides, the tropical storm “WIPHA, (2506)” in the upper South China Sea made landfall in southern Guangdong Province, China, at 07:00 p.m. on the last day of the period. These conditions caused abundant rainfall over upper Thailand almost the period, with particularly in the middle of the period when the northern and northeastern regions experienced heavy to very heavy rainfall in several areas. Rainfall in the central and eastern regions was mainly observed in the second half of the period. The highest daily rainfall in upper Thailand was 170.0 mm. in Kut Chap, Udon Thani province, on 15 August. Gusty wind occurred in

Phetchabun province on 17 August. Flooding were reported in several provinces, including Trat on 11 August, Chiang Rai on 12 August, Nong Bua Lamphu on 13 August, Chiang Mai and Udon Thani provinces on 15 August and Bangkok Metropolis on 17 August. Flash flood occurred in Phetchabun province on 15 August, Chiang Rai, Nan, and Lampang provinces on 16 August, Chanthaburi province on 17 August and Chiang Rai province on 20 August. Landslides were reported in Chiang Rai on 14 August and in Nan on 16 August. In the southern region, rainfall was predominantly observed along the west coast, with fairly widespread rain almost the period and very to very heavy rainfall in some places. In the east coast, isolated to scattered rain was observed almost the period, except on the last day, when fairly widespread rain was found accompanied with isolated heavy rain in some days. The highest daily rainfall in the southern region was 188.8 mm. in Takua Pa, Phang-nga province on 15 August. Gusty wind was reported in Surat Thani province on 19 and 20 August, and in Nakhon Si Thammarat, Phang-nga, Phuket, and Krabi provinces on 20 August.

21 – 31 July: The monsoon trough lay across upper northern region of Thailand and upper Laos during 22-24 August. It lay over the mentioned areas into the low-pressure cell over upper Vietnam during 27-28 August. In addition, a low-pressure cell covered upper Vietnam almost the period. Moreover, the tropical storm “WIPHA, (2506)” which initially made landfall in the southern part of Guangdong Province, China, later moved into the Gulf of Tonkin and made landfall again at Thai Binh, Vietnam, at 10:00 a.m. on 22 August before weakening into a tropical depression as it moved across Laos. It subsequently downgraded into a low-pressure cell and covering the upper northern region of Thailand on August 23, before moving further into upper Myanmar. Meanwhile, a strong southwesterly monsoon prevailed over the Andaman Sea, Thailand, and the Gulf of Thailand in the first half of the period, before gradually downgraded. These conditions resulted in abundant rainfall in the northern and northeastern regions, particularly in the northern region, where fairly widespread rain was found almost the period with heavy to very heavy rainfall in many areas, inducing prolonged flooding in some provinces, particularly severe flooding occurred in Chiang Rai, Nan, and Phayao. In the northeastern region, rainfall was mainly observed in the beginning and the middle of the period, with fairly widespread rain and heavy rainfall in some areas. The central and eastern regions also experienced rainfall, especially at the beginning of the period. The highest rainfall recorded in upper Thailand was 184.0 mm. at Doi Phu Kha National Park in Pua, Nan province on 22 August. Gusty wind was reported in Chanthaburi province on 21 August, Phitsanulok and Khon Kaen provinces on 24 August, and Uthai Thani province on August 26. Flooding was reported in Mae Hong Son, Lampang, Phayao, Loei, and Tak provinces on 23 August in Phrae province on 24 August and in Uttaradit province on 28 August. Flash floods occurred in Nan province on 21 August and in Loei province on 22 August. Landslides were reported in Chiang Mai province on 22 August and in Sukhothai province on 29 August. Riverbank overflow were reported in Sukhothai province on 25 August, as well as in Tak and Phitsanulok provinces on 29 August. In the southern region, both the amount and distribution of rainfall obviously decreased under the influence of a high-pressure area from the Southern Hemisphere, which brought dry air masses over the Andaman Sea and southern Thailand. Consequently, rainfall diminished across the region, with mostly confined to the upper portion. The maximum daily rainfall recorded was 65.4 mm. in Tak Bai, Narathiwat province on 31 August.

Breaking record of daily maximum rainfall in July 2025

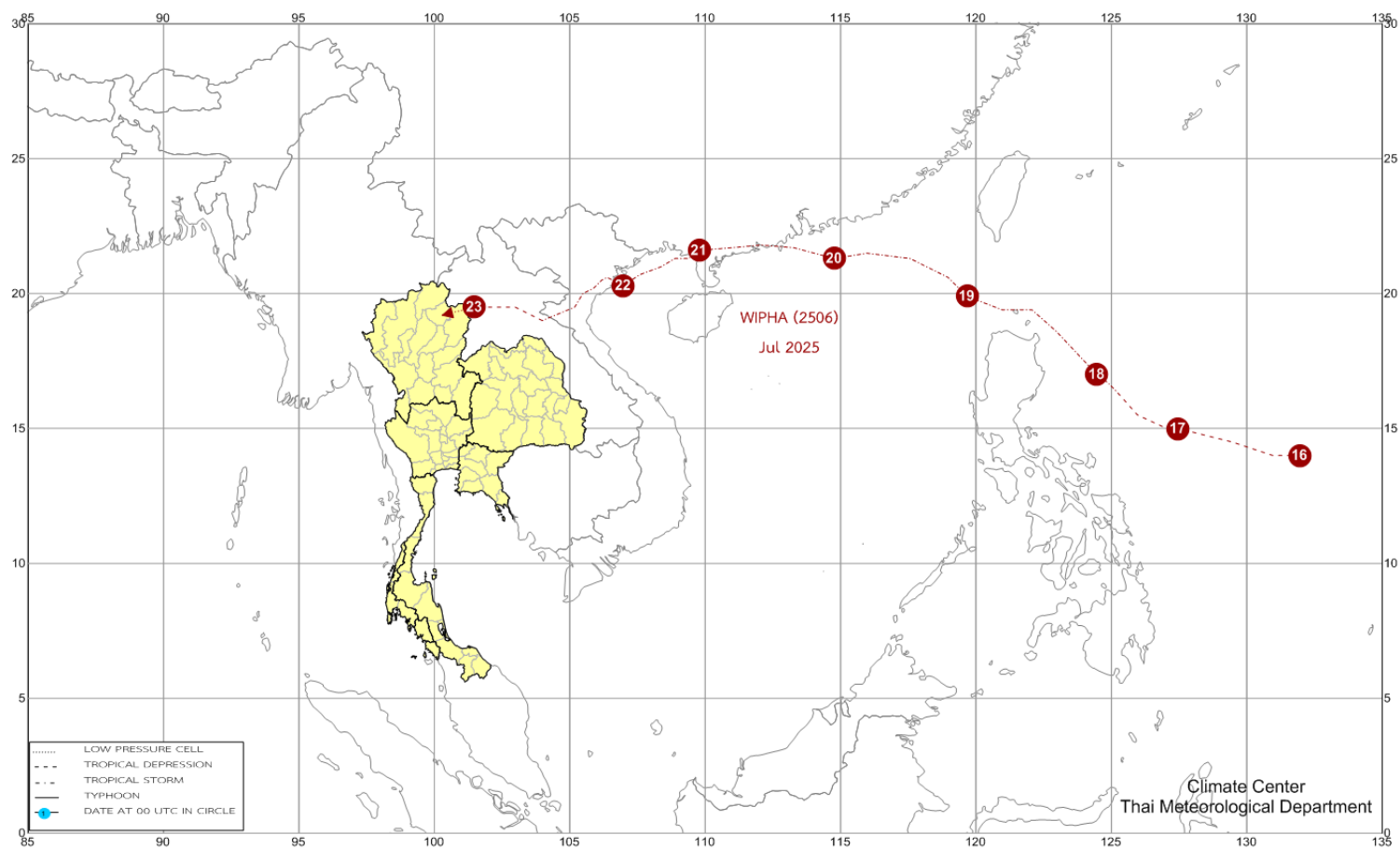
Station	New Record 2025		Previous Record		Start Year
	Rainfall (mm)	Date	Rainfall (mm)	Date / Year	
Amphoe Mueng, Phayao	96.9	22	80.9	15/1990	1981
Tha Wang Pha, Nan	162.5	22	149.9	31/1975	1970
Thung Chang, Nan	154.9	22	136.4	12/2000	1998
Phichit Agrometeorological Stn., Phichit	77.4	15	67.5	16/1995	1993

Breaking record of monthly total rainfall in July 2025

Station	New Record 2025	Previous Record		Start Year
	Rainfall (mm)	Rainfall (mm)	Year	
Amphoe Mueng, Chiang Rai	561.9	501.5	2013	1951
Chiang Rai Agrometeorological Stn., Chiang Rai	591.2	545.2	1981	1979
Amphoe Mueng, Phayao	383.9	293.6	1990	1981
Tha Wang Pha, Nan	686.1	514.6	1995	1970
Thung Chang, Nan	677.3	468.7	2001	1998

Note : 1. Rainfall, temperatures and natural disasters in this report were updated up to August 7, 2025
2. “WIPHA” is a name of woman contributed by Thailand.

Climatological Center
Meteorological Development Division
Meteorological Department



Track of tropical storm that affected the weather in Thailand in July 2025

Monthly Current Report
Rainfall and Accumulative Rainfall
July 2025

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	-0.3	561.9	244.3	1380.9	494.3
Mae Hong Son	27.2	0.0	349.7	123.3	898.8	228.1
Phayao	26.8	-0.4	383.9	241.0	798.5	237.7
Chiang Mai	27.8	0.4	199.1	50.5	827.3	297.4
Tha Wang Pha	26.7	-0.7	686.1	400.7	1151.2	353.8
Nan	27.2	-0.7	409.6	196.3	756.8	78.7
Lamphun	28.2	0.2	143.3	13.7	609.4	108.6
Lampang	28.1	0.1	184.6	45.3	555.0	-1.3
Mae Sariang	26.6	0.1	223.7	23.6	582.1	-37.3
Phrae	27.4	-0.5	242.3	62.4	944.8	312.2
Uttaradit	28.5	0.0	201.6	20.6	876.0	167.1
Bhumibol Dam	28.6	0.2	74.8	4.9	684.9	205.0
Tak	28.6	0.3	82.0	-18.0	538.7	58.8
Mae Sot	26.2	0.2	671.8	298.9	1312.1	467.6
Umphang	25.0	0.3	301.0	55.9	965.3	177.5
Phitsanulok	28.5	-0.1	206.2	18.3	601.3	-25.0
Lom Sak	27.4	-0.4	129.4	-15.3	495.6	-38.8
Phetchabun	27.7	-0.2	106.0	-54.1	560.9	-61.4
Wichian Buri	28.7	0.0	142.2	-29.1	724.3	90.4
Kamphaeng Phet	28.3	0.1	185.1	9.3	756.8	118.0
Over the area	27.5	-0.1	274.2	84.6 45%	801.0	161.5 25%

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	27.6	-0.5	532.8	210.9	1460.2	496.9
Loei	27.7	0.0	192.9	32.4	768.6	99.5
Udon Thani	27.3	-1.0	270.4	45.6	1203.4	421.0
Nakhon Phanom	27.0	-0.5	618.8	54.5	1328.9	-84.0
Sakon Nakhon	27.7	-0.1	418.2	80.5	1326.7	312.3
Mukdahan	27.8	-0.1	404.6	111.9	822.4	-9.3
Khon Kaen	27.8	-0.4	107.6	-70.3	605.1	-29.4
Kosum Phisai	28.7	0.0	113.1	-82.1	921.6	230.5
Roi Et	28.8	0.4	124.0	-95.7	762.2	30.9
Chaiyaphum	28.2	0.0	96.6	-32.6	498.2	-68.0
Ubon Ratchathani	28.4	0.3	304.2	10.4	835.1	-44.2
Tha Tum	28.5	-0.1	190.6	-29.0	625.9	-89.2
Surin	28.4	0.4	173.5	-46.4	790.6	40.6
Nakhon Ratchasima	29.5	0.7	49.3	-80.8	682.6	133.7
Chok Chai	28.8	0.4	92.9	-27.5	639.7	126.8
Nang Rong	27.9	-0.3	121.4	-33.0	666.6	57.4
Over the area	28.1	-0.1	238.2	3.1 1%	871.1	101.6 13%

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
July 2025

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	28.9	-0.1	121.5	-24.1	600.8	36.5
Bua Chum	28.8	0.2	157.0	35.8	761.2	239.9
Lop Buri	29.1	0.3	119.8	-2.4	399.8	-104.0
Suphan Buri	29.3	0.3	83.7	-15.6	429.0	24.4
Thong Pha Phum	26.8	0.1	355.2	1.9	1162.3	186.2
Kanchanaburi	29.1	0.3	111.9	5.9	419.7	-56.3
Bangkok Airport	29.3	0.0	201.6	21.6	875.1	121.5
Bangkok Metropolis	29.4	0.2	184.7	-5.0	847.0	52.7
Over the area	28.8	0.1	166.9	2.2 1%	686.9	62.5 10%

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	28.9	0.3	260.3	-8.5	938.7	72.7
Kabin Buri	28.1	0.2	219.9	-44.1	746.0	-52.9
Aranyaprathet	29.1	0.7	173.2	-2.7	842.2	168.5
Chon Buri	29.9	0.4	112.7	-31.2	905.6	294.2
Ko Sichang	29.3	0.3	26.6	-83.1	325.8	-206.6
Pattaya	28.9	0.3	114.8	11.2	578.6	70.4
Sattahip	29.7	0.6	27.5	-84.3	520.7	-110.0
Rayong	29.6	0.6	36.5	-140.0	839.8	78.2
Chanthaburi	28.5	0.6	584.7	73.5	1848.7	189.8
Khlong Yai	27.9	0.8	898.2	-125.9	2778.8	89.0
Over the area	29.0	0.5	245.4	-43.6 -15%	1032.5	59.3 6%

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Monthly Current Report
Rainfall and Accumulative Rainfall
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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	29.2	0.3	73.7	-14.1	269.7	-105.4
Hua Hin	29.6	0.8	53.1	-37.1	370.6	-33.3
Prachuap Khiri Khan	28.6	0.5	114.1	-4.0	494.7	-30.9
Chumphon	28.2	0.8	135.7	-59.3	908.8	27.9
Surat Thani	28.3	1.0	54.5	-79.9	643.6	-31.8
Ko Samui	29.7	1.2	61.2	-55.8	801.3	29.3
Nakhon Si Thammarat	29.2	1.2	38.2	-79.0	1153.9	171.3
Songkhla	29.9	1.4	77.4	-17.7	734.4	82.6
Hat Yai Airport	28.6	1.1	31.0	-69.5	785.4	123.6
Pattani Airport	29.1	1.3	32.9	-95.9	658.1	9.0
Narathiwat	28.7	1.0	94.4	-30.0	1172.9	285.5
Over the area	29.0	1.0	69.7	-49.3 -41%	726.7	47.9 7%

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	28.1	1.1	457.7	-248.6	1909.8	-213.1
Takua Pa	28.6	1.1	380.2	-85.6	2079.3	252.0
Phuket	29.7	1.3	127.4	-112.8	1359.3	343.1
Phuket Airport	29.6	1.4	125.7	-134.7	1349.7	138.7
Ko Lanta	29.1	0.9	112.2	-176.3	1160.5	112.9
Trang Airport	28.4	1.1	155.3	-99.1	1077.6	58.3
Satun	28.5	0.9	121.6	-108.8	1175.5	98.3
Over the area	28.9	1.2	211.4	-138.0 -39%	1444.5	112.8 8%

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Monthly Current Report

July 2025

Region	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
North	Chiang Rai	26.6	-0.3	561.9	244.3	1380.9	494.3
	Mae Hong Son	27.2	0.0	349.7	123.3	898.8	228.1
	Phayao	26.8	-0.4	383.9	241.0	798.5	237.7
	Chiang Mai	27.8	0.4	199.1	50.5	827.3	297.4
	Tha Wang Pha	26.7	-0.7	686.1	400.7	1151.2	353.8
	Nan	27.2	-0.7	409.6	196.3	756.8	78.7
	Lamphun	28.2	0.2	143.3	13.7	609.4	108.6
	Lampang	28.1	0.1	184.6	45.3	555.0	-1.3
	Mae Sariang	26.6	0.1	223.7	23.6	582.1	-37.3
	Phrae	27.4	-0.5	242.3	62.4	944.8	312.2
	Uttaradit	28.5	0.0	201.6	20.6	876.0	167.1
	Bhumibol Dam	28.6	0.2	74.8	4.9	684.9	205.0
	Tak	28.6	0.3	82.0	-18.0	538.7	58.8
	Mae Sot	26.2	0.2	671.8	298.9	1312.1	467.6
	Umphang	25.0	0.3	301.0	55.9	965.3	177.5
	Phitsanulok	28.5	-0.1	206.2	18.3	601.3	-25.0
	Lom Sak	27.4	-0.4	129.4	-15.3	495.6	-38.8
	Phetchabun	27.7	-0.2	106.0	-54.1	560.9	-61.4
	Wichian Buri	28.7	0.0	142.2	-29.1	724.3	90.4
	Kamphaeng Phet	28.3	0.1	185.1	9.3	756.8	118.0
Northeast	Nong Khai	27.6	-0.5	532.8	210.9	1460.2	496.9
	Loei	27.7	0.0	192.9	32.4	768.6	99.5
	Udon Thani	27.3	-1.0	270.4	45.6	1203.4	421.0
	Nakhon Phanom	27.0	-0.5	618.8	54.5	1328.9	-84.0
	Sakon Nakhon	27.7	-0.1	418.2	80.5	1326.7	312.3
	Mukdahan	27.8	-0.1	404.6	111.9	822.4	-9.3
	Khon Kaen	27.8	-0.4	107.6	-70.3	605.1	-29.4
	Kosum Phisai	28.7	0.0	113.1	-82.1	921.6	230.5
	Roi Et	28.8	0.4	124.0	-95.7	762.2	30.9
	Chaiyaphum	28.2	0.0	96.6	-32.6	498.2	-68.0
	Ubon Ratchathani	28.4	0.3	304.2	10.4	835.1	-44.2
	Tha Tum	28.5	-0.1	190.6	-29.0	625.9	-89.2
	Surin	28.4	0.4	173.5	-46.4	790.6	40.6
	Nakhon Ratchasima	29.5	0.7	49.3	-80.8	682.6	133.7
	Chok Chai	28.8	0.4	92.9	-27.5	639.7	126.8
	Nang Rong	27.9	-0.3	121.4	-33.0	666.6	57.4
Central	Nakhon Sawan	28.9	-0.1	121.5	-24.1	600.8	36.5
	Bua Chum	28.8	0.2	157.0	35.8	761.2	239.9
	Lop Buri	29.1	0.3	119.8	-2.4	399.8	-104.0
	Suphan Buri	29.3	0.3	83.7	-15.6	429.0	24.4
	Thong Pha Phum	26.8	0.1	355.2	1.9	1162.3	186.2
	Kanchanaburi	29.1	0.3	111.9	5.9	419.7	-56.3
	Bangkok Airport	29.3	0.0	201.6	21.6	875.1	121.5
	Bangkok Metropolis	29.4	0.2	184.7	-5.0	847.0	52.7
East	Prachin Buri	28.9	0.3	260.3	-8.5	938.7	72.7
	Kabin Buri	28.1	0.2	219.9	-44.1	746.0	-52.9
	Aranyaprathet	29.1	0.7	173.2	-2.7	842.2	168.5
	Chon Buri	29.9	0.4	112.7	-31.2	905.6	294.2
	Ko Sichang	29.3	0.3	26.6	-83.1	325.8	-206.6
	Pattaya	28.9	0.3	114.8	11.2	578.6	70.4
	Sattahip	29.7	0.6	27.5	-84.3	520.7	-110.0
	Rayong	29.6	0.6	36.5	-140.0	839.8	78.2
	Chanthaburi	28.5	0.6	584.7	73.5	1848.7	189.8
	Khlong Yai	27.9	0.8	898.2	-125.9	2778.8	89.0
South (East Coast)	Phetchaburi	29.2	0.3	73.7	-14.1	269.7	-105.4
	Hua Hin	29.6	0.8	53.1	-37.1	370.6	-33.3
	Prachuap Khiri Khan	28.6	0.5	114.1	-4.0	494.7	-30.9
	Chumphon	28.2	0.8	135.7	-59.3	908.8	27.9
	Surat Thani	28.3	1.0	54.5	-79.9	643.6	-31.8
	Ko Samui	29.7	1.2	61.2	-55.8	801.3	29.3
	Nakhon Si Thammarat	29.2	1.2	38.2	-79.0	1153.9	171.3
	Songkhla	29.9	1.4	77.4	-17.7	734.4	82.6
	Hat Yai Airport	28.6	1.1	31.0	-69.5	785.4	123.6
	Pattani Airport	29.1	1.3	32.9	-95.9	658.1	9.0
	Narathiwat	28.7	1.0	94.4	-30.0	1172.9	285.5
South (West Coast)	Ranong	28.1	1.1	457.7	-248.6	1909.8	-213.1
	Takua Pa	28.6	1.1	380.2	-85.6	2079.3	252.0
	Phuket	29.7	1.3	127.4	-112.8	1359.3	343.1
	Phuket Airport	29.6	1.4	125.7	-134.7	1349.7	138.7
	Ko Lanta	29.1	0.9	112.2	-176.3	1160.5	112.9
	Trang Airport	28.4	1.1	155.3	-99.1	1077.6	58.3
	Satun	28.5	0.9	121.6	-108.8	1175.5	98.3
Over the area		28.4	0.3	212.9	-2.6	887.3	100.9
					-1%		13%

- 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.
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