

Monthly Weather Summary in Thailand September 2025

In September 2025, In September 2024, Thailand experienced abundant rainfall almost the entire month due to the influence of the monsoon trough that lay across upper Thailand for most of the month, combined with the prevailing moderate to rather active southwest monsoon over the Andaman Sea, Thailand and the Gulf of Thailand. Furthermore, the effect of the typhoon “TAPAH (2516)” made landfall over Guangdong, China in early month. During the end of the month, typhoon “RAGASA (2518)” which dissipated over Vietnam associated with the Typhoon “BUALOI (2520)” made landfall in Quang Binh, upper Vietnam and moved into dissipation in Laos. These conditions brought plentiful rainfall in most areas of Thailand and flooding in several areas. The average total rainfall overall Thailand in this month was 9% higher than normal. Monthly rainfall was above normal in most parts of Thailand i.e. northern part 31.3 mm (14%), northeastern part 51.4 mm (20%), central part 28.6 mm (11%), and eastern part 43.9 mm (12%) while below normal was found in southern part (east coast) 15.5 mm (11%) and southern part (west coast) 37.6 mm (9%). The average temperature of Thailand was 0.3 degree Celsius warmer than normal. For more details are as follows.

1–10 September: The monsoon trough lay across lower northern, upper central and northeastern Thailand almost the entire period. Additionally, the moderate southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand was strengthened on September 7-8, affected by the tropical storm “TAPAH (2516)” moved over the upper South China Sea on September 7, intensified into Typhoon on September 8 before making landfall over Guangdong, China at 10:00 a.m. and weakened respectively on the next time. These conditions resulted in fairly widespread rain in upper Thailand almost the entire period with heavy to very heavy rainfall in some areas, particularly in earthen part, which experienced heavy to very heavy rainfall in several areas in the lower coastal areas during September 7-9. The highest daily rainfall was 188.8 mm at Thetsaban 1 School, Amphoe Mueang in Samut Prakan province on September 7. Flood was reported in Uttaradit, Lampang, Lamphun, Tak, Phetchabun, Chiang Mai, Kalasin, Khon Kaen, Nong Bua Lam Phu, Loei, Phra Nakhon Si Ayutthaya, Suphan Buri, Sing Buri, Bangkok, Samut Prakan, Pathum Thani, Ang Thong, Chachoengsao, Rayong, Chanthaburi and Chon Buri provinces. The southern region received abundant rainfall, particularly along the west coast, with fairly widespread rain almost the entire period and heavy to very heavy rain in some areas. The east coast received scattered to fairly widespread rain with heavy to very heavy rain in some areas. The highest daily rainfall was 190.6 mm in Wang Thang Rubber Research Station, Amphoe Thai Mueang in Phang-nga province on September 5. Flood occurred in Chumphon province during September 1-3 and land-slide was reported on September 1.

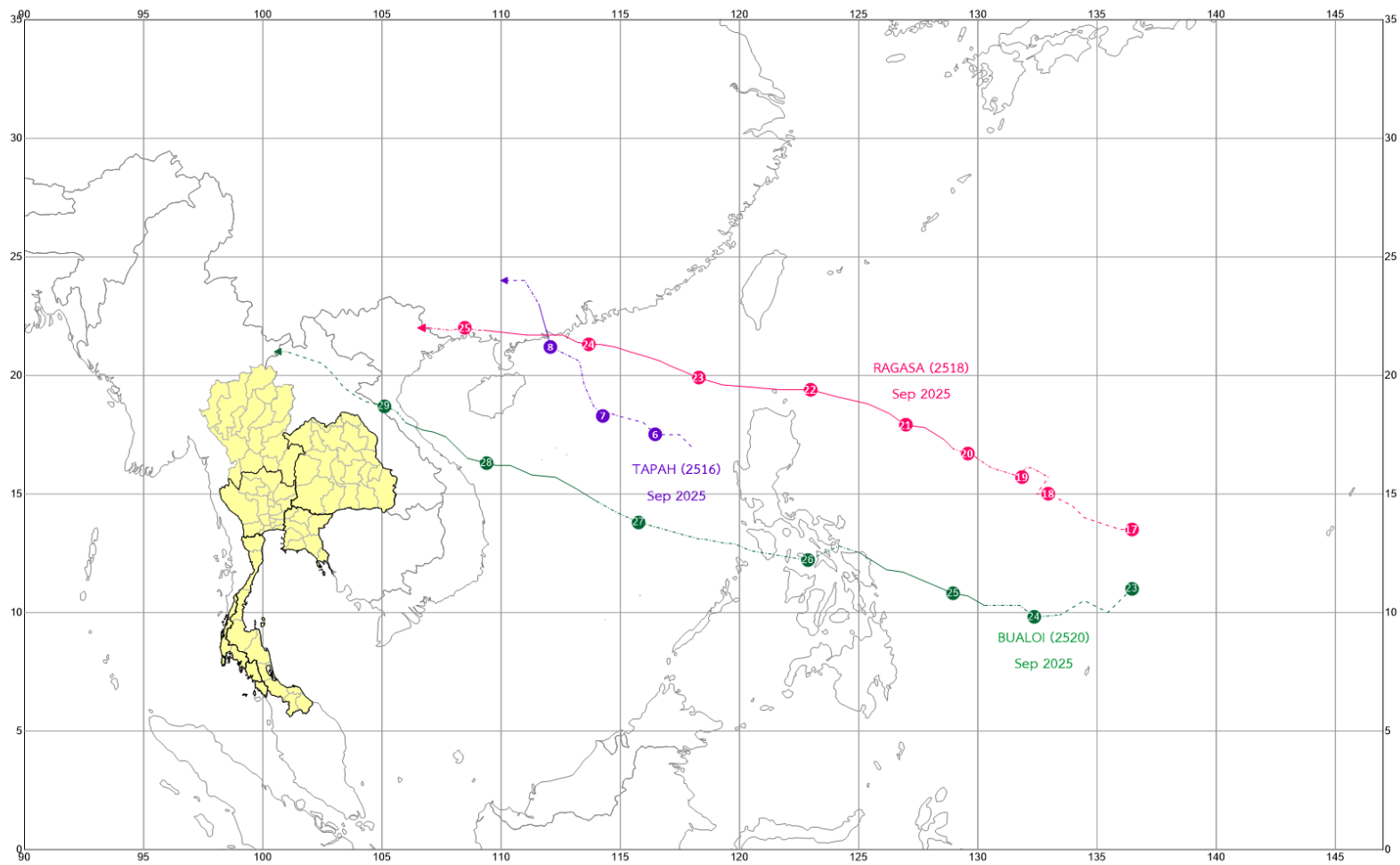
11–20 September: The monsoon trough which lay across northern and uppermost of northern Thailand, it shifted southward to lie across the central, upper southern and eastern parts since the middle of the period, extending towards an active low-pressure system that covered the South China Sea during September 14-18. Additionally, the moderate southwest monsoon prevailed over the Andaman Sea, Thailand, and the Gulf of Thailand throughout the period. These conditions resulted in fairly widespread rain in upper Thailand almost the entire period with heavy to very heavy rainfall in some areas, except for in northeastern part, which experienced scattered rain in the first half of the period then fairly widespread rain with heavy to very heavy rainfall in some areas. The highest daily rainfall was 158.6 mm at Philu Agromet Station in Chanthaburi province on September 18. Flood was reported in Chiang Mai, Mae Hong Son, Phitsanulok, Phetchabun, Pichit, Lamphang, Tak, Chaiyaphum, Roi Et, Nakhon Rathchaisima, Amnat Charoen, Phra Nakhon Si Ayutthaya, Nakhon Sawan, Uthai Thani, Chainat, Sing Buri, Ang Thong, Suphanburi, Kanchanaburi, Nakhon Prathom, Samut Prakan, Chachoengsao, Chonburi, Chanthaburi, Rayong and Prachinburi provinces. The southern region received abundant rainfall, particularly along the west coast, with widespread rain and heavy to very heavy rain in some areas almost the entire period. The east coast received scattered to fairly widespread

rain with heavy to very heavy rain in some areas almost the entire period. The highest daily rainfall was 118.0 mm at Amphoe Chian Yai in Nakhon Si Thammarat province on September 13.

21–31 September: The monsoon trough lay across northern and northeastern Thailand almost the entire period. Additionally, the moderate southwest monsoon which prevailed over the Andaman Sea, Thailand and the Gulf of Thailand was strengthened in the middle and the end of the periods, affected by the tropical storm typhoon “RAGASA (2518)” over the upper South China Sea made landfall in the south of Guangdong, China at 7:00 p.m. on September 24 and then moved across the coast of southern China and weakened into the tropical storm. It subsequently downgraded into the tropical depression and active low-pressure cell over Vietnam on September 25. Besides, typhoon “BUALOI (2520)” over the upper South China Sea made landfall in Quang Binh, upper Vietnam and weakened into the tropical storm on September 29 Sep. It then moved into Laos and respectively weakened to active low-pressure cell before finally covering upper Myanmar and upper Laos on the next day. These conditions resulted in fairly widespread rain in northern and northeastern parts almost the entire period, with heavy to very heavy rainfall in some areas. The central part received scattered to fairly widespread rain with heavy rainfall in some areas except for widespread rain with heavy to very heavy rainfall in some areas on September 26-27. The eastern part experienced scattered to fairly widespread rain except for widespread rain on September 26-27 and 30, with heavy to very heavy rainfall in some areas almost the entire period. The highest daily rainfall was 236.0 mm at Non Sang Self-Help Settlement, Amphoe Non Sang in Nong Bua Lam Phu province on September 29. Flood was reported in the second half of the period at Lamphun, Lamphang, Kamphaeng Phet, Mae Hong Son, Uttaradit, Phare, Chiang Mai, Sukhothai, Nan, Phayao, Loei, Amnat Charoen, Mahasarakam, Surin, Nong Bua Lam Phu, Nong Khai, Nakhon Ratchasima, Khon Khen, Udon Thani, Sa Kaeo and Chanthaburi provinces. In the southern part have experienced isolated light rain in the beginning of the period and then increasing in rainfall with scattered to fairly widespread rain, with heavy rainfall in several areas and very heavy rainfall in some areas along west coast. The maximum daily rainfall was reported of 125.7 mm at Amphoe Langu in Satun province on September 28 and flooding at Satun province on September 28.

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- Note:**
1. Rainfall, temperatures and natural disasters in this report were updated up to October 6, 2025
 2. “TAPAH” mean a freshwater catfish contributed by Malaysia.
 3. “RAGASA” mean rapid motion contributed by Philippines.
 4. “BUALOI” mean a kind of Thai dessert contributed by Thailand.

Climatological Center
Meteorological Development Division
Meteorological Department



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

Monthly Current Report
Rainfall and Accumulative Rainfall
September 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	26.9	0.4	218.8	-56.3	1950.1	415.5
Mae Hong Son	27.9	0.7	190.9	-9.6	1356.4	226.7
Phayao	27.1	0.6	93.4	-104.0	1079.8	105.9
Chiang Mai	28.0	1.1	224.0	16.8	1302.9	342.5
Tha Wang Pha	27.6	0.5	236.7	16.8	1530.9	184.1
Nan	27.9	0.5	339.4	133.2	1377.3	201.5
Lamphun	27.6	0.5	253.3	42.5	1062.5	157.0
Lampang	27.7	0.4	241.1	31.4	959.3	-9.4
Mae Sariang	27.5	0.7	300.5	126.9	1010.3	-8.5
Phrae	27.8	0.4	186.3	-1.4	1405.9	346.6
Uttaradit	28.6	0.4	292.5	45.9	1573.7	328.8
Bhumibol Dam	27.1	-0.6	286.9	62.7	1171.3	347.6
Tak	27.8	-0.2	287.5	66.9	965.2	146.6
Mae Sot	26.9	0.5	286.5	81.8	1835.8	433.0
Umphang	25.2	0.5	320.7	62.7	1432.6	125.9
Phitsanulok	28.4	0.2	430.8	162.4	1290.3	154.9
Lom Sak	27.2	-0.1	201.7	5.4	870.2	-65.2
Phetchabun	27.6	0.2	149.4	-60.6	971.0	-74.7
Wichian Buri	28.1	0.1	229.1	-26.7	1197.2	86.0
Kamphaeng Phet	28.2	0.3	297.4	29.4	1404.0	316.9
Over the area	27.6	0.4	253.3	31.3 14%	1287.3	188.0 17%

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	-0.2	350.2	81.4	2158.5	579.9
Loei	26.8	0.1	314.8	75.0	1421.8	308.0
Udon Thani	26.9	-0.8	395.2	145.7	1841.8	511.0
Nakhon Phanom	27.9	0.5	303.5	6.3	1988.9	-257.9
Sakon Nakhon	27.9	0.5	209.7	-23.3	1872.5	300.3
Mukdahan	27.7	0.2	303.9	71.8	1443.8	42.1
Khon Kaen	27.0	-0.3	318.9	72.9	1209.7	107.0
Kosum Phisai	27.7	-0.2	349.2	84.8	1421.4	216.8
Roi Et	27.7	0.0	262.2	11.3	1223.4	-21.5
Chaiyaphum	27.8	0.3	291.0	53.2	1028.9	9.7
Ubon Ratchathani	27.4	-0.2	541.1	226.7	1647.6	162.5
Tha Tum	27.5	-0.4	134.5	-120.0	878.9	-322.0
Surin	27.5	0.1	342.7	76.2	1344.5	57.3
Nakhon Ratchasima	27.9	0.3	265.3	26.5	1143.6	177.9
Chok Chai	28.0	0.6	267.1	62.7	1045.8	178.0
Nang Rong	26.6	-0.7	226.0	-29.2	1045.6	-11.5
Over the area	27.5	0.0	304.7	51.4 20%	1419.8	127.4 10%

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
September 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	28.2	0.0	431.1	195.4	1198.9	220.7
Bua Chum	28.3	0.6	324.3	78.3	1306.5	354.8
Lop Buri	28.5	0.3	161.3	-105.5	705.2	-216.9
Suphan Buri	28.9	0.3	310.5	91.7	831.8	90.6
Thong Pha Phum	26.8	0.0	279.7	29.1	1580.6	9.0
Kanchanaburi	28.6	0.3	202.4	-16.6	697.3	-98.3
Bangkok Airport	28.5	-0.1	293.0	-7.0	1300.1	63.1
Bangkok Metropolis	28.7	0.1	299.1	-36.8	1230.6	-126.7
Over the area	28.3	0.2	287.7	28.6 11%	1106.4	36.9 3%

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	28.7	0.4	474.9	107.7	1648.4	58.4
Kabin Buri	27.9	0.2	255.7	-47.6	1275.9	-93.6
Aranyaprathet	28.3	0.4	244.5	0.3	1294.0	175.5
Chon Buri	29.0	0.3	358.1	78.3	1424.6	373.7
Ko Sichang	28.7	0.4	180.3	-60.9	553.9	-351.2
Pattaya	28.0	0.1	208.8	-4.8	864.0	51.0
Sattahip	28.7	0.4	223.5	-21.0	844.6	-125.3
Rayong	28.4	0.1	271.4	2.6	1311.5	152.9
Chanthaburi	27.7	0.3	953.4	415.1	3237.7	584.3
Khlung Yai	27.2	0.2	785.5	-30.9	4988.7	512.8
Over the area	28.3	0.3	395.6	43.9 12%	1744.3	133.8 8%

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
September 2025

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	28.7	0.3	150.7	-0.9	509.8	-107.6
Hua Hin	28.6	0.4	112.7	-17.1	562.9	-37.9
Prachuap Khiri Khan	28.3	0.4	96.5	-7.6	657.9	-71.2
Chumphon	27.4	0.3	141.3	-37.6	1257.7	-1.3
Surat Thani	27.1	0.1	103.0	-68.9	867.6	-107.0
Ko Samui	28.8	0.8	50.7	-66.8	904.3	-87.4
Nakhon Si Thammarat	28.2	0.8	136.9	-18.8	1512.4	239.1
Songkhla	28.3	0.3	161.7	38.4	1104.6	191.7
Hat Yai Airport	27.4	0.4	125.0	-21.8	1055.4	123.0
Pattani Airport	27.7	0.3	214.3	73.5	944.5	7.6
Narathiwat	28.1	0.8	152.0	-42.6	1441.0	177.5
Over the area	28.1	0.5	131.3	-15.5 -11%	983.5	29.6 3%

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	26.7	0.1	587.7	-91.1	3287.4	-285.8
Takua Pa	26.7	0.0	745.5	109.8	3391.0	358.0
Phuket	28.3	0.5	237.7	-112.7	1890.8	215.5
Phuket Airport	28.3	0.7	387.5	-11.7	2147.5	159.1
Ko Lanta	27.8	0.0	337.0	17.6	1819.1	110.1
Trang Airport	27.7	0.8	148.5	-138.5	1303.2	-289.1
Satun	27.6	0.5	297.0	-37.2	1744.0	54.8
Over the area	27.6	0.4	391.6	-37.6 -9%	2226.1	46.0 2%

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

September 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	26.9	0.4	218.8	-56.3	1950.1	415.5
	Mae Hong Son	27.9	0.7	190.9	-9.6	1356.4	226.7
	Phayao	27.1	0.6	93.4	-104.0	1079.8	105.9
	Chiang Mai	28.0	1.1	224.0	16.8	1302.9	342.5
	Tha Wang Pha	27.6	0.5	236.7	16.8	1530.9	184.1
	Nan	27.9	0.5	339.4	133.2	1377.3	201.5
	Lamphun	27.6	0.5	253.3	42.5	1062.5	157.0
	Lampang	27.7	0.4	241.1	31.4	959.3	-9.4
	Mae Sariang	27.5	0.7	300.5	126.9	1010.3	-8.5
	Phrae	27.8	0.4	186.3	-1.4	1405.9	346.6
	Uttaradit	28.6	0.4	292.5	45.9	1573.7	328.8
	Bhumibol Dam	27.1	-0.6	286.9	62.7	1171.3	347.6
	Tak	27.8	-0.2	287.5	66.9	965.2	146.6
	Mae Sot	26.9	0.5	286.5	81.8	1835.8	433.0
	Umphang	25.2	0.5	320.7	62.7	1432.6	125.9
	Phitsanulok	28.4	0.2	430.8	162.4	1290.3	154.9
	Lom Sak	27.2	-0.1	201.7	5.4	870.2	-65.2
	Phetchabun	27.6	0.2	149.4	-60.6	971.0	-74.7
Northeast	Wichian Buri	28.1	0.1	229.1	-26.7	1197.2	86.0
	Kamphaeng Phet	28.2	0.3	297.4	29.4	1404.0	316.9
	Nong Khai	27.6	-0.2	350.2	81.4	2158.5	579.9
	Loei	26.8	0.1	314.8	75.0	1421.8	308.0
	Udon Thani	26.9	-0.8	395.2	145.7	1841.8	511.0
	Nakhon Phanom	27.9	0.5	303.5	6.3	1988.9	-257.9
	Sakon Nakhon	27.9	0.5	209.7	-23.3	1872.5	300.3
	Mukdahan	27.7	0.2	303.9	71.8	1443.8	42.1
	Khon Kaen	27.0	-0.3	318.9	72.9	1209.7	107.0
	Kosum Phisai	27.7	-0.2	349.2	84.8	1421.4	216.8
	Roi Et	27.7	0.0	262.2	11.3	1223.4	-21.5
	Chaiyaphum	27.8	0.3	291.0	53.2	1028.9	9.7
	Ubon Ratchathani	27.4	-0.2	541.1	226.7	1647.6	162.5
	Tha Tum	27.5	-0.4	134.5	-120.0	878.9	-322.0
	Surin	27.5	0.1	342.7	76.2	1344.5	57.3
	Nakhon Ratchasima	27.9	0.3	265.3	26.5	1143.6	177.9
	Chok Chai	28.0	0.6	267.1	62.7	1045.8	178.0
	Nang Rong	26.6	-0.7	226.0	-29.2	1045.6	-11.5
Central	Nakhon Sawan	28.2	0.0	431.1	195.4	1198.9	220.7
	Bua Chum	28.3	0.6	324.3	78.3	1306.5	354.8
	Lop Buri	28.5	0.3	161.3	-105.5	705.2	-216.9
	Suphan Buri	28.9	0.3	310.5	91.7	831.8	90.6
	Thong Pha Phum	26.8	0.0	279.7	29.1	1580.6	9.0
	Kanchanaburi	28.6	0.3	202.4	-16.6	697.3	-98.3
	Bangkok Airport	28.5	-0.1	293.0	-7.0	1300.1	63.1
	Bangkok Metropolis	28.7	0.1	299.1	-36.8	1230.6	-126.7
East	Prachin Buri	28.7	0.4	474.9	107.7	1648.4	58.4
	Kabin Buri	27.9	0.2	255.7	-47.6	1275.9	-93.6
	Aranyaprathet	28.3	0.4	244.5	0.3	1294.0	175.5
	Chon Buri	29.0	0.3	358.1	78.3	1424.6	373.7
	Ko Sichang	28.7	0.4	180.3	-60.9	553.9	-351.2
	Pattaya	28.0	0.1	208.8	-4.8	864.0	51.0
	Sattahip	28.7	0.4	223.5	-21.0	844.6	-125.3
	Rayong	28.4	0.1	271.4	2.6	1311.5	152.9
	Chanthaburi	27.7	0.3	953.4	415.1	3237.7	584.3
	Khlung Yai	27.2	0.2	785.5	-30.9	4988.7	512.8
South (East Coast)	Phetchaburi	28.7	0.3	150.7	-0.9	509.8	-107.6
	Hua Hin	28.6	0.4	112.7	-17.1	562.9	-37.9
	Prachuap Khiri Khan	28.3	0.4	96.5	-7.6	657.9	-71.2
	Chumphon	27.4	0.3	141.3	-37.6	1257.7	-1.3
	Surat Thani	27.1	0.1	103.0	-68.9	867.6	-107.0
	Ko Samui	28.8	0.8	50.7	-66.8	904.3	-87.4
	Nakhon Si Thammarat	28.2	0.8	136.9	-18.8	1512.4	239.1
	Songkhla	28.3	0.3	161.7	38.4	1104.6	191.7
	Hat Yai Airport	27.4	0.4	125.0	-21.8	1055.4	123.0
	Pattani Airport	27.7	0.3	214.3	73.5	944.5	7.6
South (West Coast)	Narathiwat	28.1	0.8	152.0	-42.6	1441.0	177.5
	Ranong	26.7	0.1	587.7	-91.1	3287.4	-285.8
	Takua Pa	26.7	0.0	745.5	109.8	3391.0	358.0
	Phuket	28.3	0.5	237.7	-112.7	1890.8	215.5
	Phuket Airport	28.3	0.7	387.5	-11.7	2147.5	159.1
	Ko Lanta	27.8	0.0	337.0	17.6	1819.1	110.1
	Trang Airport	27.7	0.8	148.5	-138.5	1303.2	-289.1
Over the area	Satun	27.6	0.5	297.0	-37.2	1744.0	54.8
		27.8	0.3	283.1	23.3	1405.0	112.2
					9%		9%

