Monthly Weather Summary in Thailand May 2024

In May 2024, hot weather still persisted in Thailand at the beginning and the middle of the month especially in the beginning of the month that scorching hot was observed in many areas of the northern, northeastern and central parts and also in some areas of the eastern part due to the covering of the heat low-pressure cell over upper Thailand at that time. However, the temperature was relatively decreased at the end of the month, relieving the heat. The average temperature in this month was higher than normal nationwide with the average value across the country of 1.3°C above normal, the maximum temperature set a new highest record in many places. For rainfall, upper Thailand received less rainfall with uneven distribution of rain in the beginning and the middle of the month. At the end of the month, most areas experienced an increase in rainfall brought by the Southwest Monsoon due to the effects of the southwest monsoon that dominated the Andaman Sea, Thailand, and the Gulf of Thailand, the lowpressure cell covered the upper central and lower northern parts and over the Gulf of Tonkin and upper Vietnam for few days. In addition, tropical cyclone "REMAL, (01B)" in the Bay of Bengal made landfall at southern Bangladesh and tropical storm "MALIKSI, (2402)" moving in the central South China Sea which brought successive rain which considered as the start of Thailand's rainy season on May 20. For the southern part, the influenced of the easterly and southeasterly winds that occasionally blew over the Gulf of Thailand, southern part and the Andaman Sea at the beginning and the middle of the month and the southwest monsoon prevailed over the Andaman Sea. Thailand and the Gulf of Thailand at the end of the month. These causes intermittent rain for almost the whole month mainly on the west coast. The total rainfall was higher than normal in most parts i.e. northern part 18.4 mm (11%), northeastern 25.4 mm (13%), central part 56.5 mm (34%), eastern part 75.8 mm (37%) and southern part (west coast) 2.6 mm (1%) while it was inversely below normal in the southern part (east coast) 35.0 mm (27%). The average rainfall over the whole areas of Thailand was 12% higher than normal.

1 – 10 May : The heat low-pressure cell covered upper Thailand throughout the period and the southwesterly and southerly winds prevailed over the mentioned areas in the first half of the period. These caused generally hot weather in upper Thailand especially successive boiling hot in the northern, northeastern, central and upper portion of the eastern part in the first half of the period. After that temperature decreased in most areas but hot weather remained in most areas with very hot weather in some places. The highest maximum temperature of 43.8°C at Mueang Lumphun in Lamphun province and at Mueang Loei in Loei province on May 2. For rainfall, rainfall was mostly observed in the second half of the period due to the influence of westerly trough from Myanmar move through the northern and upper northeastern parts during 2-4 May, the confluence of the southeasterly and southerly winds prevailed over upper Thailand during 6-8 May and the southeasterly and easterly winds prevailed over upper Thailand at the end of the period. The highest daily rainfall was 198.0 mm at Phanat Nikhom Agricultural Extension Office in Chon Buri province on May 7. Thundershower with gusty wind occurred in many areas of the northern and northeastern parts and also in some areas of the central and eastern parts. Hail was reported in Phrae, Uttaradit, Chaiyaphum, Nong Bua Lam Phu on May 3, Loei, Khon Kaen and Chaiyaphum provinces on May 4 and there were reports of flooding in Lamphun and Chon Buri provinces on May 7. The weather in the southern part was hot in most areas and very hot in some places. The highest temperature was 41.0 °C at the Nong Plub agrometeorological in Prachuap Khiri Khan province on May 1. Rainfall was mainly observed in the second half of the period due to the dominated of the southeasterly wind over the Andaman Sea, southern part and the Gulf of Thailand. The maximum daily rainfall of 173.0 mm was found at Bang Saphan in Prachuap Khiri Khan province on May 7. Gusty wind occurred at Chumphon province on May 4, Songkhla province on May 5, Prachuap Khiri Khan and Nakhon Si Thammarat provinces on May 6, and Phetchaburi province on May 7.

11 – 20 May : The heat low-pressure cell covered upper Thailand in the first half of the period causing hot weather in most areas of upper Thailand with very hot in some areas of the northern and central parts. The highest maximum temperature was 42.3° C at Mueang Mae Hong Son in Mae Hong Son province on May 14. For rainfall, there was intermittent rain with isolated heavy to very heavy rainfall due to the effect of the high-pressure area that extended to cover the northeastern part and the South China Sea, the southerly and southeasterly winds dominated upper Thailand at early and mid-period, the southwesterly wind blowing over the Andaman Sea, Thailand and the Gulf of Thailand at late period and the confluence of the southeasterly and southwesterly winds prevailed over the northern and northeastern parts on the last day of the period. The heaviest daily rainfall was 258.8 mm at Sri Racha in Chon Buri province on May 16. There were reports of thundershower with gusty wind in many areas of upper Thailand with flash flooding and landslide in some places. For the southern part, with the passage of the easterly wave over the Gulf of Thailand, the southern part and the Andaman Sea during 16-17 May, the easterly and southeasterly winds dominated over the Gulf of Thailand, the southern part and the Andaman Sea almost of entire period. These resulted in rainfall, particularly along the west coast that received fairly widespread rain and heavy rainfall in some places. The southern east coast obtained scattered to fairly widespread rain mostly in the second half of the period with heavy to very heavy rain in some areas. The highest daily rainfall was 109.0 mm at Hat Yai in Songkhla province on May 16.

21 – 31 May : The southwest monsoon prevailed over the Andaman Sea, Thailand and the Gulf of Thailand almost the whole period. It was rather active and prevailing over west side of the northern and central parts in the middle of the period due to the effect of tropical cyclone "REMAL, (01B)" in the Bay of Bengal, which developed from the active low-pressure cell that intensified into tropical depression on May 24 and then into tropical cyclone "REMAL, (01B)" on May 25 and making landfall southern part of Bangladesh on May 27. Concurrently, the low-pressure cell covered the lower northern and upper central parts at the beginning of the period and covered the coast of upper Vietnam and the Gulf of Tonkin in the second half of the period. Furthermore, the tropical depression that had developed from the active low-pressure cell in the central South China Sea subsequently evolved into tropical storm "MALIKSI, (2402)" on May 31. Due to these conditions, there had been an increased in rainfall in upper Thailand with the highest daily rainfall of 580.0 mm at Chiang Khan in Loei province on May 24. Thundershower with gusty wind occurred in many areas of upper Thailand with flash flooding and landslide in some places. Southern part received fairly widespread rain at the beginning and the end of the period and isolated to scattered rain for the rest days. The heaviest daily rainfall of 155.2 mm was recorded at Takua Pa in Phang-nga province on May 21 and gusty wind in Narathiwat province on May 29, Songkhla and Trang provinces on May 31.

	New Record	2024	Previous	Chart	
Station	Temperature	Date	Temperature	Date / Year	Year
Northorn Part	(C)		(C)		
Mueang, Phavao	41.7	1 May	41.5	12/2016	1981
Mueang, Lampang	43.6	1 May	43.2	1/1980	1951
Lampang Agromet, Stn.	42.5	1 May	42.4	6/1992	1982
Mueang, Uttaradit	43.7	3 May	43.6	11/2016	1951
Lom Sak. Phetchabun	41.6	2 May	41.5	6/2023	1970
Wichian Buri. Phetchabun	41.6	2 May	41.5	10/1992	1970
Northeastern Part		,			
Mueang Loei	43.8	2 May	42.8	6/2023	1955
Loei Agromet, Stn.	43.6	2 May	43.0	6/2023	1970
Mueang Nakhon Phanom	41.4	1 May	41.3	9/2020	1953
Mueang Mukdahan	42.5	1.2 May	42.4	9/2020	1953
Mueang Khon Kaen	42.8	1 May	42.2	7/2023	1951
Tha Phra Agromet Stn. Khon Kaen	41.9	2 May	41.6	7/2023	1970
Kosumphisai. Maha Sarakham	42.6	2 May	42.0	7/2003	1970
Kamalasai. Kalasin	42.9	2 May	42.3	9/2010	1998
Mueang, Roi Et	42.7	2 May	41.1	7/2010	1955
Roi Et Agromet. Stn., Roi Et	41.5	2 May	41.1	7/2023	1983
Mueang, Chaiyaphum	42.3	2 May	41.2	2/2019	1957
Mueang, Ubon Ratchathani	42.3	1 May	41.7	31/2015	1951
Ubon Ratchathani Agromet. Stn.	41.7	1 May	41.5	6,7/2023	1970
Si Sa Ket Agromet. Stn.	42.8	1 May	41.0	7/2023	1983
Tha Tum, Surin	42.0	1 May	41.5	9/2020	1970
Mueang, Surin	42.3	1 May	41.6	3/1980	1951
Surin Agromet. Stn., Surin	42.6	1 May	42.0	5/2020	1969
Mueang, Nakhon Ratchasima	42.7	2 May	41.8	11/2016	1951
Pak Chong Agromet. Stn., Nakhon	39.4	5 May	39.0	11/2016	1969
Ratchasima					
Chok Chai, Nakhon Ratchasima	42.2	2 May	40.7	11/2016	1970
Nang Rong, Buri Ram	41.7	1,2 May	40.7	2/1998	1970
<u>Central Part</u>					
Khlong Luang Agromet. Stn.,	41.5	1 May	41.0	13/2016	1998
Prathum Thani					
Eastern Part		4 0	10.0		4000
Mueang, Sa Kaeo	41.6	1,2 May	40.9	5/2016	1998

Breaking record of maximum temperature in May 2024

Aranyaprathet, Sa Kaeo	42.0	1 May	40.9	20/1983	1952
Southern Part					
Nong Plub Agromet Stn., Prachuap	41.0	1 May	40.4	6/2023	1974
Khiri Khan					
Mueang, Chumphon	39.8	1 May	38.4	12/2023	1951
Sawi, Chumphon	40.2	1 May	39.2	3/2019	1969
Surat Thani Agromet Stn.	39.6	5 May	38.8	17/1998	1993
Nakhon Si Thammarat Agromet.	38.2	1,2 May	38.1	12/2016	1984
Stn.					
Hat Yai, Songkhla	38.9	25 May	38.5	4/2016	1973
Yala Agromet. Stn.	40.1	1 May	39.8	2/2016	1982
Nuea Khlong, Krabi	38.9	3 May	38.8	5/1998	1994

Note : Rainfall, temperatures and natural disasters in this report was updated up to June 7, 2024

Climate Center Meteorological Development Bureau Thai Meteorological Department

Monthly Current Report Rainfall and Accumulative Rainfall May 2024

Northern Thailand

	Temperature ([°] c)		Rainfa	ll (mm)	Accumulative rainfall (mm)		
a 1	Tempera			、 <i>,</i>	Since I	January	
Station		Above		Above		Above	
	Mean	or below	Actual	or below	Actual	or below	
		normal		normal		normal	
Chiang Rai	28.9	1.4	173.5	-53.0	308.3	-74.5	
Mae Hong Son	31.2	2.0	192.3	23.4	211.4	-52.8	
Phayao	29.4	1.3	148.4	-30.0	197.5	-120.0	
Chiang Mai	30.3	1.7	88.4	-79.1	107.4	-155.7	
Tha Wang Pha	29.2	0.8	357.4	181.7	495.7	161.2	
Nan	30.1	1.1	181.5	11.3	279.5	-50.5	
Lamphun	30.6	1.6	135.2	-30.4	150.2	-98.0	
Lampang	30.6	1.4	182.7	6.3	253.7	-43.6	
Mae Sariang	30.6	1.8	208.1	49.2	256.8	24.4	
Phrae	30.3	1.0	279.1	107.7	322.0	11.2	
Uttaradit	31.1	1.0	291.4	83.8	355.2	26.0	
Bhumibol Dam	30.6	0.9	371.4	180.2	395.5	94.2	
Tak	31.5	1.5	81.3	-88.8	134.4	-129.1	
Mae Sot	30.2	1.9	130.3	-23.2	151.1	-73.7	
Umphang	27.5	1.5	138.5	-42.3	241.3	-113.4	
Phitsanulok	30.9	0.8	226.9	61.3	320.6	43.3	
Lom Sak	30.0	1.1	200.2	65.9	254.8	-7.2	
Phetchabun	30.6	1.5	173.5	5.5	276.5	-44.5	
Wichian Buri	30.7	1.0	173.0	29.5	236.9	-74.0	
Kamphaeng Phet	31.0	1.4	100.7	-90.4	193.4	-112.4	
Over the area	30.3	1.4	191.7	18.4	257.1	-39.5	
				11%		-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.

Northeastern Thailand

	T (0)		Doinfo	11 (mm)	Accumulative rainfall (mm)		
	Tempera	ture (°c)	Kaima	li (mm)	Since 1 January		
Station		Above		Above		Above	
	Mean	or below	Actual	or below	Actual	or below	
		normal		normal		normal	
Nong Khai	30.7	1.7	147.6	-84.5	333.1	-55.6	
Loei	29.0	1.0	374.8	186.3	511.1	166.5	
Udon Thani	30.9	1.7	117.6	-70.7	222.7	-116.4	
Nakhon Phanom	30.4	1.7	270.8	6.0	363.0	-88.6	
Sakon Nakhon	30.7	2.0	259.5	27.1	317.1	-97.5	
Mukdahan	31.1	1.9	125.5	-77.1	222.7	-111.5	
Khon Kaen	30.5	1.4	291.2	136.2	348.6	37.7	
Kosum Phisai	31.2	1.6	202.6	24.2	253.9	-87.0	
Roi Et	31.1	1.7	293.5	112.7	395.3	73.4	
Chaiyaphum	30.5	1.3	220.6	72.8	252.2	-51.6	
Ubon Ratchathani	30.8	1.5	413.9	191.0	436.9	88.3	
Tha Tum	30.5	0.8	215.6	47.3	293.7	-20.4	
Surin	31.0	1.8	111.7	-74.7	136.1	-199.9	
Nakhon Ratchasima	30.9	1.4	127.7	-24.0	246.7	-52.1	
Chok Chai	30.3	1.2	170.6	21.8	267.5	-14.1	
Nang Rong	30.0	1.0	84.6	-87.7	247.2	-80.2	
Over the area	30.6	1.5	214.2	25.4	303.0	-38.1	
				13%		-11%	

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.

Monthly Current Report Rainfall and Accumulative Rainfall May 2024

Central Thailand

	Temperature (°c)		Rainfa	ll (mm)	Accumulative rainfall (mm)		
					Since I January		
Station		Above		Above		Above	
	Mean	or below	Actual	or below	Actual	or below	
		normal		normal		normal	
Nakhon Sawan	31.5	1.2	206.5	45.4	338.3	60.2	
Bua Chum	30.6	1.0	297.6	161.5	408.0	131.9	
Lop Buri	31.0	1.0	264.2	130.9	339.3	71.5	
Suphan Buri	31.6	1.3	133.9	14.1	136.3	-76.5	
Thong Pha Phum	30.0	1.5	256.7	50.2	309.8	-63.4	
Kanchanaburi	31.6	1.4	129.6	-9.8	138.2	-132.9	
Bangkok Airport	31.2	1.0	204.3	-9.5	224.9	-158.0	
Bangkok Metropolis	31.2	0.9	286.2	69.4	338.4	-67.7	
Over the area	31.1	1.2	222.4	56.5	279.2	-29.4	
				34%		-10%	

Eastern Thailand

	Temperature (^o 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
Prachin Buri	30.9	1.1	187.4	-13.4	296.0	-81.7
Kabin Buri	30.2	1.1	142.3	-21.1	196.5	-158.5
Aranyaprathet	30.9	1.3	172.2	29.6	190.8	-138.4
Chon Buri	31.0	0.8	359.3	203.0	408.5	84.4
Ko Sichang	30.7	0.9	199.3	72.3	253.8	-33.0
Pattaya	30.0	0.6	258.5	137.4	349.2	76.7
Sattahip	30.4	0.5	234.1	75.3	379.9	18.0
Rayong	30.3	0.4	427.7	237.2	510.7	103.5
Chanthaburi	29.8	1.2	530.4	158.3	679.7	31.7
Khlong Yai	29.5	1.1	300.1	-119.8	591.1	-297.4
Over the area	30.4	0.9	281.1	75.8	385.6	-39.5
				37%		-9%

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.

Monthly Current Report Rainfall and Accumulative Rainfall May 2024

Southern Thailand, east coast

	Temperature (^o 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	30.7	0.9	57.3	-38.2	99.1	-101.2
Hua Hin	30.7	1.2	81.0	-14.5	179.5	-51.8
Prachuap Khiri Khan	30.7	1.5	131.4	17.8	210.4	-104.3
Chumphon	30.2	1.9	84.9	-86.1	260.2	-262.7
Surat Thani	30.5	2.4	19.3	-131.9	24.1	-383.5
Ko Samui	30.4	1.2	134.5	2.9	347.2	-174.2
Nakhon Si Thammarat	29.7	1.3	108.5	-51.4	311.8	-433.2
Songkhla	30.8	1.8	54.4	-60.4	152.1	-301.9
Hat Yai Airport	29.3	1.3	151.6	23.1	323.0	-117.3
Pattani Airport	29.9	1.4	108.5	-25.4	222.8	-178.8
Narathiwat	29.9	1.5	117.2	-21.0	304.3	-311.5
Over the area	30.3	1.5	95.3	-35.0	221.3	-220.1
				-27%		-50%

Southern Thailand, west coast

	Temperature (^o 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
Ranong	29.6	1.6	312.0	-173.9	357.5	-421.1
Takua Pa	29.1	1.2	586.3	155.4	708.4	-196.5
Phuket	30.6	1.5	203.1	-33.8	285.3	-241.3
Phuket Airport	29.9	1.2	285.6	8.1	372.5	-264.1
Ko Lanta	29.3	0.4	338.8	111.3	433.3	-39.9
Trang Airport	29.6	1.5	227.6	10.9	316.5	-233.7
Satun	29.7	1.4	169.3	-59.4	456.8	-200.3
Over the area	29.7	1.3	303.2	2.6	418.6	-228.2
				1%		-35%

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.

Monthly Current Report

May 2024

		Temperature (°c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
Region	Station		Above		Above		Above
C		Mean	or below	Actual	or below	Actual	or below
			normal		normal		normal
	Chiang Rai	28.9	1.4	173.5	-53.0	308.3	-74.5
	Mae Hong Son Phayao	31.2 29.4	2.0	192.3	-30.0	211.4	-52.8
	Chiang Mai	30.3	1.5	88.4	-79.1	107.4	-155.7
	Tha Wang Pha	29.2	0.8	357.4	181.7	495.7	161.2
	Nan	30.1	1.1	181.5	11.3	279.5	-50.5
	Lamphun	30.6	1.6	135.2	-30.4	150.2	-98.0
	Mae Sariang	30.6	1.4	208.1	49.2	256.8	-45.0
North	Phrae	30.3	1.0	279.1	107.7	322.0	11.2
North	Uttaradit	31.1	1.0	291.4	83.8	355.2	26.0
	Bhumibol Dam	30.6	0.9	371.4	180.2	395.5	94.2
	Tak Mae Sot	31.5	1.5	81.3	-88.8	134.4	-129.1
	Umphang	27.5	1.5	138.5	-42.3	241.3	-113.4
	Phitsanulok	30.9	0.8	226.9	61.3	320.6	43.3
	Lom Sak	30.0	1.1	200.2	65.9	254.8	-7.2
	Phetchabun Wishion Duri	30.6	1.5	173.5	5.5	276.5	-44.5
	Kamphaeng Phet	31.0	1.0	1/3.0	-90.4	193.4	-112.4
	Nong Khai	30.7	1.7	147.6	-84.5	333.1	-55.6
	Loei	29.0	1.0	374.8	186.3	511.1	166.5
	Udon Thani	30.9	1.7	117.6	-70.7	222.7	-116.4
	Naknon Phanom Sakon Nakhon	30.4 30.7	2.0	270.8	0.0 27.1	303.0 317.1	-88.0
	Mukdahan	31.1	1.9	125.5	-77.1	222.7	-111.5
	Khon Kaen	30.5	1.4	291.2	136.2	348.6	37.7
Northeast	Kosum Phisai	31.2	1.6	202.6	24.2	253.9	-87.0
	R01 Et Chaivaphum	31.1	1.7	293.5	72.8	395.3	/3.4
	Ubon Ratchathani	30.8	1.5	413.9	191.0	436.9	88.3
	Tha Tum	30.5	0.8	215.6	47.3	293.7	-20.4
	Surin	31.0	1.8	111.7	-74.7	136.1	-199.9
	Nakhon Ratchasima	30.9	1.4	127.7	-24.0	246.7	-52.1
	Nang Rong	30.0	1.2	84.6	-87.7	207.3	-14.1
	Nakhon Sawan	31.5	1.2	206.5	45.4	338.3	60.2
	Bua Chum	30.6	1.0	297.6	161.5	408.0	131.9
	Lop Buri	31.0	1.0	264.2	130.9	339.3	71.5
Central	Supnan Buri Thong Pha Phum	31.0	1.5	256.7	14.1 50.2	130.3	-70.5
	Kanchanaburi	31.6	1.4	129.6	-9.8	138.2	-132.9
	Bangkok Airport	31.2	1.0	204.3	-9.5	224.9	-158.0
	Bangkok Metropolis	31.2	0.9	286.2	69.4	338.4	-67.7
	Prachin Buri Kabin Buri	30.9	1.1	187.4	-13.4	296.0 196.5	-81./
	Aranyaprathet	30.9	1.3	172.2	29.6	190.8	-138.4
	Chon Buri	31.0	0.8	359.3	203.0	408.5	84.4
East	Ko Sichang	30.7	0.9	199.3	72.3	253.8	-33.0
	Pattaya Sattabin	30.0 30.4	0.6	258.5	137.4	349.2	/6./
	Rayong	30.4	0.4	427.7	237.2	510.7	103.5
	Chanthaburi	29.8	1.2	530.4	158.3	679.7	31.7
	Khlong Yai	29.5	1.1	300.1	-119.8	591.1	-297.4
	rnetchaburi Hua Hin	30.7 30.7	0.9	57.3	-38.2	99.1 170 5	-101.2
	Prachuap Khiri Khan	30.7	1.2	131.4	17.8	210.4	-104.3
	Chumphon	30.2	1.9	84.9	-86.1	260.2	-262.7
South	Surat Thani	30.5	2.4	19.3	-131.9	24.1	-383.5
(East Coast)	Ko Samui Nakhan Si Thammarat	30.4	1.2	134.5	2.9	347.2	-174.2
	Songkhla	30.8	1.5	54.4	-51.4	152.1	-435.2
	Hat Yai Airport	29.3	1.3	151.6	23.1	323.0	-117.3
	Pattani Airport	29.9	1.4	108.5	-25.4	222.8	-178.8
	Narathiwat	29.9	1.5	117.2	-21.0	304.3	-311.5
	Kanong Takua Pa	29.6 20.1	1.6	312.0 586.3	-173.9 1554	357.5 7084	-421.1
South	Phuket	30.6	1.5	203.1	-33.8	285.3	-241.3
(West Coast)	Phuket Airport	29.9	1.2	285.6	8.1	372.5	-264.1
(mesi Coasi)	Ko Lanta	29.3	0.4	338.8	111.3	433.3	-39.9
	Trang Airport Satur	29.6 20.7	1.5	227.6	10.9	316.5	-233.7
	Satuli	29.1	1.4	200 7	-37.4	430.8	-200.3
	Over the area	30.4	1.5	208.7	22.3	291.8	-84.1
					12%		-22%

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.



















