

Disaster situation report



Department of Disaster Prevention and Mitigation Ministry of Interior

Disaster Relief Administration Center (Operations section) www.nirapai.com

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News location 586/2566

October 18, 2023

(Time 06.00 hrs.)

The Department of Disaster Prevention and Mitigation would like to report on the daily disaster situation as follows.

1. Disaster situation

flood

From the situation of a strong low pressure area The central South China Sea area will move through upper Thailand.

Along the monsoon trough while the southwest monsoon that blows over the Andaman Sea, the southern region and the Gulf of Thailand will become stronger. causing Thailand to have more rain And there was heavy rain in many areas. With very heavy rain falling in some areas in the lower

northern region. Northeastern, Central, Southern, including Bangkok and surrounding areas **Between 26 September - 18 October**

2023, there is an area to monitor the water situation. flash floods and Forest flooding, especially in the area

Mountain slope near the waterway There is a situation in 37 provinces (Chiang Rai, Phayao, Phetchabun, Mae Hong Son, Lamphun)

Uttaradit, Chiang Mai, Lampang, Sukhothai, Phitsanulok, Nan, Tak, Kaphaeng Phet, Phrae, Nakhon Sawan, Maha Sarakham, Roi Et

Nong Bua La Phu Loei Chaiyaphum, Nakhon Ratchasima, Udon Thani, Yasothon, Kalasin, Khon Kaen, Ubon Ratchathani,

Kanchanaburi, Lopburi, Nakhon Nayok, Samut Prakan, Chonburi, Chachoengsao Prachinburi Trat Nakhon Si Thammarat, Satun

and Yala Provinces) **154 A. 586 Subdistrict 2,978 m. 62,180 households are affected. Currently, there is still a situation 4 Mon.**

19 A. 83 Subdistrict 486 m. 4,714 households are affected as follows .

province	effect			List of districts	damage			situation current
	District, Subdistrict, Village, Northern				household	Died	injured	
Region 1, Mon. 3, Tue. 11, Subdistrict 34 M., 351 households affected.								
1. Phitsanulok (8 Oct. 2023)	3	11	34	Wang Thong, Bang Raka, Mueang	351			The water level has decreased.
Northeastern Region 3 Mon 16 Tue 72 Subdistrict 452 m. 4,363 households affected.								
2. Roi Et (10 Oct. 2023)	3	3	4	Chiang Khwan Thung Khao Luang Junghan	106			The water level increased
3. Kalasin (28 Sept. 2023)	10	59	399	Mueang Rongkha, Khong Chai, Yang Talat, Kamalaisai, Sam Chai Tha Khan Tho, Nong Kung Si, Sahatsakhan, Huai Mek	2,187			The water level has decreased.
4. Ubon Ratchathani (13 Sept. 2023)	3	10	49	Muang Warincharap Sawang Wirawong	2,070			The water level has decreased.

1) **Roi Et Province**, October 10, 2023, water from the Chi River overflowed its banks and flooded the areas of Phra That Subdistrict, Chiang Khwan District, **Din Da**

Subdistrict, Changhan District, Bueng Ngam **Subdistrict**, **Thung Khao Luang District**. As a result, **106 households were affected** by the Provincial Public Health Office.

District, SBPD, M.T.B. 27, police officers, local government organizations, volunteers, OPP, volunteers, foundations, along with related agencies, went to survey.

Damage and assistance provided 12,479 survival kits and 5,142 packs of drinking water. **District 7 Sakon Nakhon Security Center supports flat-bottom boats with engines in the area of Changhan District, Selaphum District. Currently, the water level is increasing.**



2) **Phitsanulok Province**, 8-10 Oct. 2023, heavy rain occurred causing flooding in the area of Wang Nok Aen Subdistrict, Din Thong Subdistrict.

Chainam Subdistrict, Wang Thong Subdistrict, **Wang Thong District, Bang Raka District, Mueang District, resulting in 351 households affected** by the Provincial Public Health

Office, District Administrative Organization, Opporn volunteers. Foundation volunteers along with related agencies surveyed the damage.

and provide assistance **At present, the water level has decreased.**



3) **Kalasin Province**, September 28, 2023 at 12:00 noon, there was a situation of water overflowing from La Pao Dam in the area.

Mueang District, Rong Kham District, Khong Chai District, Yang Talat District, Kamalasai District, Sam Chai District, Tha Khan Tho District, Nong Kung Si District, Sahatsakhan District

Huai Mek District, resulting in 2,187 households affected by the Public Security Center, District 6, Khon Kaen.

Provincial Public Health Office, District Administrative Organization, volunteers, OPP, volunteers, foundations, along with related agencies, surveyed the damage.

and provided assistance, providing 4,339 relief bags, providing medical services to 2,254 cases, and providing mental health care to 1,602 cases.

Support 12,000 kg of animal feed, support disaster machinery. Flat-bottomed boat with engine 30 hp

20 water pumps. **Currently, the water level has decreased.**



4) Ubon Ratchathani Province, September 13, 2023, heavy rain occurred causing flooding in the area of Nai Mueang Subdistrict, Jaramae Subdistrict, Nong Bo Subdistrict, Mueang District, Warincharap Subdistrict, Bung Mai Subdistrict , .Kha Khwang Subdistrict, Kha Nam Saap Subdistrict, Nong Kin **Phen Subdistrict**, Warin Chamrap District, Tha Chang **Subdistrict**, **Sawang Wirawong District**, **resulting in 2,070 households affected by the livelihood** of the Ratchaprachanu Foundation. luck Under the Royal Patronage, Governor of the Provincial Public Health Promotion Center, District 13, Ubon Ratchathani Provincial Public Health Office. Regional Resource Office 11 Projects Ubon Ratchathani Irrigation District, M.T.B. 22, Wing 21, Local Administrative Organizations, volunteers, OPP. volunteers, foundations, along with agencies. involved to survey the damage and provide assistance. Supporting 263 tents, 47 toilet booths, 60 drinking water tanks, 6 disaster relief vehicles, 6-wheel trucks, water pumps, 500 bottles of drinking water, 20 manpower set up

Temporary shelter centers: 25 points, 545 households, 1,820 people (Mueang District 15 points, Warincharap District 9 points, Sawang Wirawong District 1 point) and was able to place sandbags and install a 14-inch flood pump at the Tha Ko Phai community. and floodgates

Wat Senawong Thammarat Warincharap **At present, the water level has decreased.**



assistance

On October 14, 2023, Mr. Settha Thavisin, Prime Minister and Minister of Finance and Mr. Anutin Charnvirakul, Deputy Prime Minister and Minister of Interior, Mr. Kriang Kaltinan

Deputy Minister of Interior Mr. Chaiyawat Junthirapong, Director-General of the Department of Disaster Prevention and Mitigation

along with the team went to the area to monitor the flood situation Give encouragement to people in flood affected areas and provide grass.

The King gave 500 bundles of animal food and provided relief bags in the areas of Bang Raka Subdistrict, Bang Raka District, Hor Klong Subdistrict, Phrom Phiram District, Phitsanulok Province 720 bags as well as 50 bags of medical supplies for animals.





2. Weather forecast

2.1 Announcement of the Meteorological Department regarding Depression No. 4 (275/2023) dated 18 October

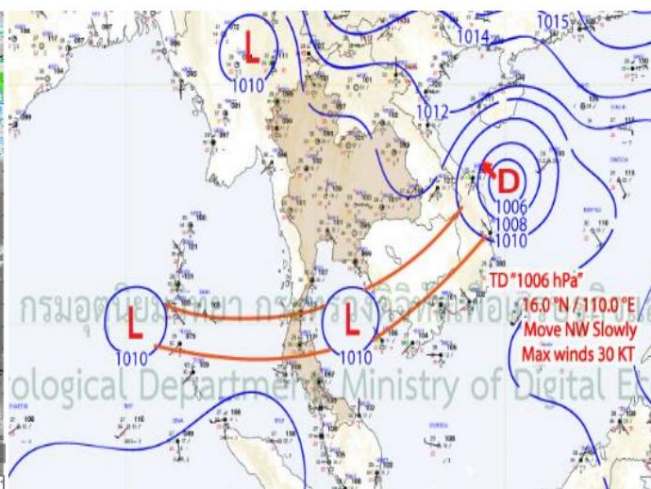
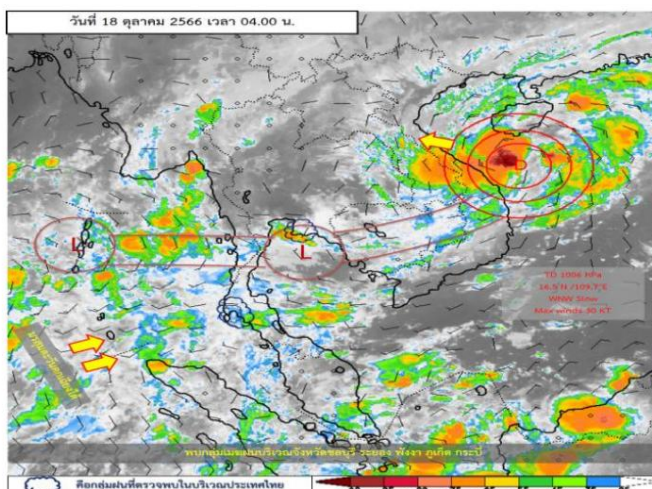
2023 at 5:00 a.m. At 4:00 a.m. today (18 Oct. 2023), there was a depression in the central South China Sea area.

It is centered at latitude 16.5 degrees north, longitude 109.7 degrees east. It has a maximum wind speed near the center of about 55 kilometers per hour. This storm is slowly moving towards the northwest and is expected to intensify further. **This storm does not directly affect the weather characteristics of Thailand.**

2.2 Meteorological Department weather forecast for October 18, 2023 at 5:00 a.m.

Weather forecast for the next 24 hours. The high pressure area or cold air mass still covers the northern, central and northeastern regions while the moderate monsoon trough lies across the upper southern region, the Gulf of Thailand and the eastern region. Entering a depression in the central South China Sea. together with the southwest monsoon Blows cover the Andaman Sea In the lower South and the Gulf of Thailand, conditions like this cause Thailand to still have thunderstorms. The southern region has continuous rain and heavy to very heavy rain in some places. Ask people in the South to be careful of the dangers Heavy to very heavy rain and accumulated rain. This may cause flash floods and flash floods. especially the area Hillside slopes near flowing waterways and low-lying areas Including increasing caution when traveling through areas with thunderstorms. in this period as well As for wind waves in the Andaman Sea and the Gulf of Thailand, there are waves about 1 meter high. In areas with thunderstorms, waves are more than 2 meters high. Boaters are asked to navigate with caution and avoid sailing. In areas with

thunderstorms Depression in the central South China Sea It is expected that this trend will intensify further. This storm has no directly affecting the weather characteristics of Thailand



3. Data on maximum rainfall in each region at 1:00 a.m. on 17 Oct. 66 until 1:00 a.m. on 18 Oct. 66 (Meteorological Department information)

sector	province	measuring station	District/District	Rainfall
above	dry	Doi Muser	city	50.1 mm.
Northeast				
center	Ratchaburi		city	0.5 mm.
east south	Trat		Khlong Yai	8.3 mm.
east side south	Nakhon Si Thammarat	Pak Phun	Muang	99.1 mm.
west side	Satun		city	52.7 mm.
Bangkok and surrounding	Bangkok 0.1-10	Don Mueang Airport	Don Mueang	0.2 mm.
areas Rainfall criteria	mm.= light rain	10.1-35.0 mm = moderate rain	35.1-90.0 mm = heavy rain	More than 90.0 mm = very heavy rain

4. Regional temperature information (Meteorological Department as of 18 Oct. 2023)

sector	Minimum temperature (°C)	province	Maximum temperature (°C)	province
above	20.5	Nan	35.0	Uttaradit
Northeast	20.0	Nakhon Phanom	33.7	at all
center	23.5	Kanchanaburi,	35.0	Lop Buri
east	23.7		36.5	Chonburi
under	23.5		34.0	Nakhon Si Thammarat
Krabi, Pathum Thani, Bangkok/	26.0	Chonburi,	34.6	Bangkok

vicinity *** Lowest mountain top temperature 12.1 degrees Celsius (Doi Inthanon peak, Chom Thong District, Chiang Mai Province)

5. Area to monitor and prepare for the situation

The Central Disaster Prevention and Mitigation Division (CDC) has been monitoring the water situation. In addition, the Electricity

Generating Authority of Thailand has a letter at EGAT S40108/73695 dated October 15, 2023.

Warning: Ubonrat Dam water level has entered crisis level 3 due to the heavy rain situation in the area.

Northeastern region almost throughout the month of September until now. Resulting in a flood situation.

in the northeast Chi-Mun river basin area and Ubonrat Dam From 1 September - 7 October 2023

Only 0.8 million cubic meters of water is drained per day. And from 8 October - 13 October 2023, increased

Stepwise drainage of 3 million cubic meters per day. until draining 15 million cubic meters of water per day

The amount of water flowing into Ubonrat Dam is as much as 1,796 million cubic meters. As a result, the amount of water stored

in Ubonrat Dam continued to increase until it exceeded normal storage capacity and on October 14, 2023 at 5:00 p.m.

The water level is +182.48 meters from mean sea level. 48 centimeters higher than normal storage level, water volume 2,626 million cubic

meters. Accounting for 108 percent of capacity and the amount of water flowing into the dam is still in the stable to decreasing range.

just a little and is likely to increase further during the period 18 - 20 October 2023. If Ubonrat Dam maintains its drainage

Water at a rate of 15 million cubic meters per day. It is expected that the highest water level will be +183.88 meters above mean sea level. Higher

than the critical level of the embankment above the reservoir. (Warning level +183.00 meters from mean sea level, critical level +183.50 meters

from mean sea level)

To control the amount of water in Ubonrat Dam within appropriate limits to maintain stability and security.

of the dam, therefore it is necessary to increase water drainage, **which** will cause **the area behind Ubonrat Dam to have a higher water level. and may affect low-lying areas** in the areas of Ubonrat District, Nam Phong, Mueang Khon Kaen, Nong Na Kha, Phu Wiang and Nong Ruea, **Khon Kaen Province**, Non Sang District and Si Bun Rueang. **Nong Bua Province Nam Phu and Tha provide low-lying areas along rivers that are flooded. At present, there will be a level will increase further It may affect the water barriers along the Chi River from Khon Kaen, Maha Sarakham, Kalasin, Roi Et, and Yasothon provinces.**

Therefore, the province has been ordered to publicize and notify relevant agencies, the private sector that operates businesses in the river, such as construction of dams to protect banks, rafts, restaurants, etc., as well as people living in areas along both sides of the river to be vigilant. and closely monitor the situation According to the letter from the Electricity Generating Authority of Thailand at EGAT S40108/73695 dated October 15, 2023

6. Orders from the Prime Minister Minister of Interior/National Disaster Prevention and Mitigation Commissioner

6.1 The Minister of Interior, in his capacity as the National Disaster Prevention and Mitigation Commander, has

Orders for the meeting of the Central Disaster Prevention and Mitigation Division on October 2, 2023 at the Department of Disaster Prevention and Mitigation. and through the electronic system **By asking the province to integrate with Agencies in every sector in operations to prevent and solve flood problems. and prepare to protect and solve flooding problems in the area as follows:**

1. Providing the Central Disaster Prevention and Mitigation Department and the Disaster Prevention and Mitigation Division

The province takes steps to prevent and solve flood problems according to the orders of the Prime Minister (Mr. Settha Thavisin).

- About management To cooperate with the Royal Irrigation Department, provinces, local government organizations Manage traffic.

In various river

basins - providing assistance to the people Integrate with agencies in all sectors to jointly help.

disaster victims and urgently solve their suffering problems Especially in the residential area Accelerate housing repairs Let's organize the garbage that comes with us. Including taking care of the livelihood of disaster victims.

- Notification to cooperate with the Royal Irrigation Department. and related agencies such as the Public Relations Department

Participate in public relations to the people in areas where there is a continuous danger

situation. 2. Providing assistance to people affected by disasters To urgently alleviate suffering for the people - set up a royal kitchen

to provide medicines and food trucks. Security drinking water production vehicle

for citizens throughout the evacuation point area temporary shelter center and people's houses Arrangement of medical units to provide care

Mental health of those affected -

livelihood care By distributing relief bags to disaster victims Emphasize the importance of

Providing quality relief bags -

Organizing operations to help the people In urban areas that are flooded Let's join in watching out.

Clear out obstacles in the waterway. Accelerate the pumping and drainage of water from the area by supporting the water pump. and long-distance water delivery trucks

- Check the stability of water barriers, bridges, and other infrastructure. to be stable

Be safe and have the transportation agency inspect it. Affected transportation routes must install warning signs.

Equipment and signals For the safety of people's travel

- Request that important places be taken care of, such as hospitals, Subdistrict Health Promoting Hospitals (Subdistrict Health Promoting Hospitals).

By asking the provincial governor to give orders to the district and local administrative organizations to take care of such places

3. The situation is resolved in the province. Speed up the survey of the damage to cover all aspects. especially houses, residences, agricultural areas Public benefits By integrating agencies in all sectors, the administrative department, police, military agencies in volunteer areas. as well as volunteer citizens To repair and restore various types of damage. To return to normal quickly. As well as expediting the process of providing assistance according to the regulations and criteria. related By adhering to the rules and criteria set forth strictly, transparently, and able

Can check

4. Emphasize public relations. Create public awareness of the work of government agencies. through various media in all areas in all channels 5. Solving long-term flood

problems Emphasis is placed on taking proactive preventive measures.

6.2 The Prime Minister (Mr. Settha Thavisin) on October 1, 2023, issued an order to relevant agencies which included 5 issues as follows:

1) Water management. Let

the Royal Irrigation Department integrate with provincial governors. local government organization

Department of Disaster Prevention and Mitigation Organize water traffic in the Chi-Mun river basin Yom-Nan Basin and the Chao Phraya River Basin

2) Management of water retention buildings for provinces and local government organizations. Department of Public Works and Town &

Country Planning, Department of Highways, Department of Rural Roads and Royal Irrigation Department Check the stability of water barriers, bridges, and Irrigation building to be stable and ready for use throughout the wet season

3) Helping the people Let all relevant agencies join together to help victims and

Solve problems, such as speeding up repairs to homes Let's organize the garbage that comes with us. and as requested by the people by the

Department of Disaster Prevention and Mitigation Integrate the mobilization of relevant agencies such as the army and local agencies.

4) Weather forecast: Let the Meteorological Department follow the weather conditions. and inform the relevant agencies and be notified Weather and people To closely monitor the water situation throughout the country.

5) Notification to the Royal Irrigation Department together with relevant agencies such as the Public Relations Department, Department of Prevention. and disaster relief Continuously publicize the situation to the people in the area.

7. Water conditions in the reservoir (Information from the Royal Irrigation Department, 17 Oct. 2023)

Reservoir	Capacity at Ranok. (Million M3)	Volume of water in the basin		usable water volume		Volume of water flowing into the basin		Drain volume		Water volume I can take it again. (Million M3)
		volume (Million M3)	% water to keep	volume (million m ³)	% use	Today (Million M3)	yesterday (Million M3)	today (Million M3)	yesterday (Million M3)	
1. Bhumibol (Tok)	13,462	8,839	66	5,039	52	133.74	116.37	3.00	3.00	4,623
2. Sirikit (At) 3.	9,510	5,862	62	3,012	45	27.19	31.13	3.99	3.89	3,648
Mae Ngat Somboonchon	265	270	102	258	102	2.05	2.88	4.21	4.21	-5
(Chom) 4. Mae Kuang Udomtara	263	181	69	167	67	2.44	1.79	0.27	0.04	82
(Chom) 5. Kiew Lom (LP)	106	103	97	100	97	6.78	6.38	6.00	5.99	3

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		volume (Million M3)	% water to keep	volume (million m ³)	% use	Today (Million M3)	yesterday (Million M3)	today (Million M3)	yesterday (Million M3)	
6. Kiew Kho Ma (Lp) 7.	170	157	92	151	92	2.59	3.26	0.31	0.31	13
Kwae Noi Ba Rung Daen (Phon)	939	891	95	848	95	17.01	20.89	15.55	15.55	48
8. Mae Mok (Lp)	110	117	107	101	108	9.94	1.95	5.74	2.23	-7
9. Huai Luang (Dod)	136	130	96	123	96	0.38	1.05	0.93	1.23	6
10. Na-un (Son) 11.	520	475	91	430	91	0.38	0.20	1.60	1.60	45
Na-Pung (Son) 12.	165	149	90	141	90	0.33	0.72	0.65	0.63	16
Chulabhorn (Chai) 13.	164	128	78	91	71	0.57	0.57	0.00	0.00	36
Ubonrat (KK) 14. Lapao	2,431	2,714	112	2,133	115	48.93	61.26	15.00	15.00	-283
(KS)	1,980	2,053	104	1,953	104	14.52	13.38	26.04	27.95	-73
15. Latakong (milk)	314	191	61	168	58	0.97	0.98	0.07	0.00	123
16. La Phra Phloeng (Nom)	155	110	71	108	71	0.49	0.39	0.00	0.00	45
17. Munbon (milk) 18.	141	87	62	80	60	0.39	0.63	0.05	0.05	54
La Sae (milk)	275	152	55	145	54	0.81	0.58	0.03	0.03	123
19. La Nang Rong (Bor)	121	75	62	71	61	0.08	0.23	0.00	0.00	46
20. Sirindhorn (OB)	1,966	1,848	94	1,017	90	0.00	2.94	2.02	2.00	118
21. Pasak Cholasit (delete)	960	813	85	810	85	39.77	39.48	8.68	12.97	147
22. Thap Salao (On)	160	58	36	41	29	0.57	0.77	0.00	0.00	102
23. Kratiaew (Sop)	299	113	38	73	28	0.53	0.41	0.06	0.06	186
24. Srinakarín (yý)	17,745	14,145	80	3,880	52	59.89	58.14	2.00	2.01	3,600
25. Vajiralongkorn (yý)	8,860	7,780	88	4,768	82	56.35	30.94	4.91	4.80	1,080
26. Khun Dan Prakan Chon (Ny)	224	224	100	220	100	0.58	1.05	0.72	0.99	0
27. Khlong Si Yat (Ch.)	420	157	37	127	33	0.13	0.13	0.06	0.06	263
28. Bang Phra (Chop)	117	67	57	55	53	0.00	0.00	0.35	0.32	50
29. Nong Pla Lai (R)	164	131	80	118	78	0.98	0.87	0.33	0.42	33
30. Prasae (Rya)	295	287	97	267	97	0.66	0.66	0.49	0.49	8
31. Narubodinchinda (P.C.) 32.	295	264	89	249	89	0.84	1.09	0.00	0.00	31
Kaeng Krachan (Found)	710	456	64	391	61	5.46	6.76	2.25	2.25	254
33. Pranburi (P.K.) 34.	391	141	36	123	33	2.61	1.36	0.29	0.29	250
Ratchaprapha (S.T.)	5,639	4,315	77	2,964	69	8.88	8.02	3.88	3.02	1,324
35. Bang Lang (Yon)	1,454	785	54	509	43	6.07	7.58	4.07	4.05	669
including the country 70,926, more water		54,268 30,732	Water volume less than or		65	452.89 424.83	113.52		115.43	16,658
note	volume	equal to		Amount of water that can be used		% of water stored / amount of water flowing into the reservoir / volume				
	80 percent	30 percent		less than 30 percent		Maximum drainage water				

*** Ranok. Storage water level

A large reservoir with a large volume of water There are 16 reservoirs (Mae Ngat Somboonchon, Kiew Lom, Kiew Kho Ma, Kwae

Noi Bamrung Daen, Mae Mok, Huai Luang, Na Oun, Na Phung, Ubonrat Lapao, Sirindhorn.

Pasak Cholasit Vajiralongkorn Khun Dan Prakan Chon, Prasae and Naruebodinchinda)

A large reservoir with a large volume of water capacity less than or equal to 30 percent of the reservoir capacity : none

A large reservoir with a large volume of water The usable capacity is less than 30 percent of the reservoir capacity.

Total of 2 basins (Thap Salao and Kra Siew)

8. River basin situation (Information: Irrigation Hydrology Center, 17 Oct. 2023 at 4:00 p.m.)

Basin situation table that are under surveillance and preparedness

measuring station	Location	Waterline level (m.)	Water level present (m.)	Volume of water flowing through (cubic meter/second)			Water situation
				today	yesterday	Increase +/-Decrease -	
• Chi River Basin							
E95A station	Ban Thawat Din Daeng, Thawatchaburi District, Roi Et Province	6.60	9.11	1,317.77	1,299.91	+17.86	Higher than the waterline 2.51 m.
Station E.20A	Ban Fa Yard, Mahachanachai District, Yasothon Province	10.00	10.87	1,613.33	1,606.67	+6.66	Higher than the waterline 0.87 m.
• Mun River Basin							
M.7 Station	Seri Democracy Bridge, Mueang District, Ubon Ratchathani Province	7.00	7.74	2,743.60	2,788.40	-44.80	Higher than the waterline 0.74 m.

Chi River Basin from water drainage from Ubonrat Dam The water level in Thawatchaburi District, Roi Et Province was made to be 2.51 m. higher than the riverbank, and in Mahachanachai District, Yasothon Province, the water level was 0.87 m. higher than the waterline, causing water to flood agricultural areas and people's houses

Mun River Basin from the drainage of water from the Chi River Basin The water level at Saphan Seri Prachakhom Temple Station (M.7), Mueang District, Ubon Ratchathani Province. The water level rose in volume decreasing. The water level was 0.74 m higher than the riverbank level, resulting in flooding of the area. Agriculture and public housing

9. Road accident statistics as of October 18, 2023 (data from the Central Company for the Protection of Victims of Limited Vehicles does not include information from the Royal Thai Police and the Ministry of Public Health)

period	deceased	injured person	together
17 Oct. 2023	54	2,037	2,091
1-17 Oct. 2023	555	29,507	30,062
1 Jan. - 17 Oct. '23	11,138	629,883	641,021

Please be informed accordingly.

Disaster Relief Administration Center
Department of Disaster Prevention and Mitigation