



WEATHER INFORMATION REPORT

		Information:
1	Type of extreme weather:	Heavy rainfall.
2	Date:	17th October 2021 - 19th October 2021.
3	Location:	Across the country.
4	Cause:	Strong southerly/southeasterly from Bay of Bengal.

Weather summary:

Due to low pressure formed over northern parts of Bay of Bengal on 14th October and strong southerly/southeasterly from Bay of Bengal, extremely heavy to heavy rainfall was received across the country from 17th to 19th October 2021. More details of the rainfall recorded is highlighted in table 1.

Table 1. 24 hours accumulated rainfall recorded at class A stations:

	Date	Rainfall observed	Location	Impacts reported
a)	16 October 2021	Moderate rain at a few places. Highest was 30.8 mm at Sibsü.		1) Rain and a windstorm on October 16 damaged the crop in some areas of Trongsa.
b)	17 October 2021	Heavy rain	Phuentsholing (38.6 mm) Samtse (33.8 mm)	
c)	18 October 2021	Very heavy rain	Phuentsholing (140.6 mm) Sibsü (128.6 mm) Dagana (71 mm)	1) Rain damaged harvested paddy in many places at Lobesa, Punakha and Paro 2) Roadblocks at a few places.
		Heavy rain	Bhur (60 mm) Lhuentse (35 mm)	



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National Center for Hydrology and Meteorology
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			Mongar (46.4 mm) Zhemgang (53.2 mm) Gasa (31.2 mm) Punakha (42 mm) Wangdue (66.2 mm) Tsirang (49.2 mm) Gasa (53.4 mm) Haa (52.9 mm) Paro (37.2 mm)	
c)	19 October 2021	Extremely heavy rain	Phuentsholing (215.4 mm) Sibsu (191.4 mm)	<ol style="list-style-type: none"> 1) The incessant rain ruined paddies in the western, eastern and central dzongkhags. 2) 26 cattle owned by three families in Bangalley, Denchukha, Samtse, were washed away by swollen Amochhu on 19th October night. 3) Many roadblocks at southern, eastern and central parts of the country.
		Very heavy rain	Dagana (141.6 mm) Bhur (102 mm) Haa (89.6 mm) Zhemgang (85.2 mm) Paro (83.2 mm) Pemagatshel (74.6 mm) Kanglung (71.8 mm)	
		Heavy rain	Mongar (64 mm) Wangdue (58.6 mm) Punakha (56.2 mm) Thimphu (52 mm) Deothang (46.0 mm) Tashi yangtse (44 mm) Gasa (43.2 mm) Tsirang (40 mm)	
d)	20 October 2021	Moderate rain at one or two places. Highest was 30.8 mm at Pemagatshel.		<ol style="list-style-type: none"> 1) Few roadblocks at southern, central and eastern parts of the country.

Rainfall Information: 24 hours accumulated rainfall (record time 9AM in the morning) from Class A station of 20 Dzongkhags.

Source of the Impacts: BBS, Kuensel, Department of Road (DoR), Relevant information and pictures in Annexure I.

Annexure I:



1) Rain damaged harvested paddy

The continuous rainfall from 17 till 20th October damaged harvested paddies and ripe standing paddy crops in many parts of the country. The incessant rain ruined paddies in the western, eastern and central dzongkhags as farmers started harvesting their paddies.

Kuensel
19 October at 12:01

A farmer in Lobesa, Punakha, tries to save her paddy from the rain. The rain since last night has drenched harvested paddy in many places. The NCHM forecast light to moderate rainfall over the country until October 20.

Photo: Singye Dorji, Cluster Lead Teacher, Gaselo HSS, Wangdue



BBS
19 October at 12:30

Incessant rain affects paddy growers

With incessant rain for almost three days and NCHM predicting rainfall for another few days, farmers in Trongsa are worried that it will affect the paddy yield this time.

Farmers have managed to temporarily cover with plastics for now. ... See more



Kuensel
20 October at 12:22

Incessant rain damages paddy crops across the country

Phurpa Lhamo, Phub Dem and Choki Wangmo
Heavy rain since October 17 has damaged harvested paddies and ripe standing paddy crops in many parts of the country.

The incessant rain ruined paddies in the western, eastern and central dzongkhags as farmers started harvesting their paddies. In the south, farmers have not yet harvested the crop, but the rain has damaged it. <https://kuenselonline.com/incessant-rain-damages-paddy-cro...> See more



BBS
19 October at 19:30

Incessant rain affects paddy growers

Paddy growers are facing a tough time as continuous rain lashed in most parts of the country's western and central regions causing damage to the matured crop ready for harvest. The continuous rain in the last two days has dashed the hopes of farmers.

<http://www.bbs.bt/news/?p=159348>





2) Swollen Amo Chu river

The swollen Amochhu due to the incessant rainfall washed away 26 cattle in Bangaley village under Denchukha Gewog in Samtse on 19th October night.



The swollen Amochhu due to the incessant rainfall washed away 26 cattle in Bangaley village under Denchukha Gewog in Samtse, yesterday. However, the Drungkhag disaster team rescued three cattle as of today.

According to the Drungkhag office, villagers residing along the river were informed of the risk associated with the continuous rainfall which was expected last week through the village Tshogpa.

35 cattle belonging to four households have been grazing on an island-like pa... See more



26 cattle owned by three families in Bangaley, Denchukha, Samtse, were washed away by swollen Amochhu last night. Of the total 35 cattle, nine escaped.

The cattle were grazing on island-like pastureland. Heavy and continuous rainfall flooded over the pastureland and the cattle were stuck and washed.

Dorokha Drungpa Karma Jurmi said officials have been deployed to investigate the situation.



3) Roadblocks

Several roadblocks were reported in the isolated places of southern, central and eastern parts of the country.



Roadblock update from the Department of Roads, Trashigang.

1. Roadblock at Chazam-Trashiyangtse highway
2. Location: 6km from Chazam (Jamkhardang)
3. Cause: Boulder slides
4. Time of Occurrence: around 9:20am

The road is expected to open by 1pm.



Update:

The roadblocks along Dorokha to Weezirgang road have been cleared.

However, the Dorokha Drungkhag administration advised commuters to be cautious of falling boulders at various locations. ... See more





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BBS

20 October at 09:34

Road block update:

1. Thimphu-Phuentsholing High way- Road block reported at 50km near Gedu.
ETC - 12.00noon... See more

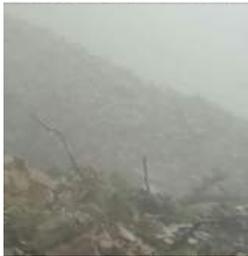


Department of Roads, Royal Government of Bhutan

20 October at 09:11

Road block information under RO, SJ

1. Road Name: Nganglam - Gyelposhing PNH
Location: 41.60kms
Cause: Landslide ... See more



Information & Image source: Department of Road (DoR), BBS and kuensel.