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National Center for Hydrology and Meteorology Thimphu: Bhutan



FLOOD STATUS#43 UPDATE (07)

Issue date/time: 27th June, 2019/19:00 (valid till the next issuance)

1. WEATHER FORECAST:

According to weather forecast for the next 48 hours issued at 20:00 on 27th June, 2019:
The weather conditions over the country is likely to be mostly cloudy with rain accompanied by thunderstorms & lightning over the country during next 48 hours. Gusty wind is likely over southern, western and eastern parts of the country.

The weather expected to be mostly cloudy with light rain in Northern region

2. GLACIER LAKE OUTBURST FLOOD (GLOF) EARLY WARNING SYSTEM:

2.1 Automatic Water Level Station (AWLS) on Thorthormi Lake:

Water level of Thorthormi lake is stable with not much change. AWLS is continuously transmitting water level data automatically to Wangdue GLOF Control and NCHM HQ, Thimphu since yesterday. Detail water level of today is given below.

Station	Maximum Water Level (m)	Minimum Water Level (m)	Remarks
Thorthormi AWLS	6.05	5.85	Weather was reported as cloudy with light rain

The water level in the subsidiary lake I has reduced slightly (by about 29cm) as of today compared to the level that was observed on 24/6/2019 (Monday).

2.2 Automatic Water Level Station (AWLS) at Thanza:

NCHM team carried out the repair and maintenance of the Thanza Automatic Water Level Station (AWLS) but the data transmission issue persisted. The team has resolved data transmission issue and was functional from 2:00 PM today. Currently, all the stations in the basin are functional.

3. MANUAL OBSERVATION AND MONITORING OF THORTHORMI LAKE

Manual/visual monitoring the Thor Thormi Lake with the staff deployed at Lake Site has been discontinued but the field staff made a visit to the lake to monitor the situation. Water level monitoring of lakes will be continued from Wangdi GLOF Control Room and National Weather and Flood Warning Center (NWFWC), NCHM, HQ, Thimphu. Manual observation and monitoring of Water level at Thanza will be continued for 24/7 supplementing Control Rooms monitoring.



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4. IMPACT/ADVISORY:

There is not much significant change in water level, however due to the breaching of subsidiary lake, the stability of moraine dam of the main Thorthormi Lake is likely to be more uncertain. Therefore, people living along the Phochu River and downstream are requested to be vigilant.

The daily water level is updated on our website: www.nchm.gov.bt

For further information contact National Center for Hydrology and Meteorology (NCHM) at: Tel. 02338442, Mobile: 17128052 Email: fmcr@nchm.gov.bt



Picture: Situation of ThorThomi Lake on 24/6/2019, Monday (Top Left)

Situation of ThorThomi Lake-26/6/2019 (Top Right) and present situation on Thorthormi Lake-27/6/2019