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National Center for Hydrology and Meteorology  
Thimphu: Bhutan  
FLOOD STATUS #43



Update-03

Issue Date/time: 23<sup>rd</sup> June, 2019/21:00 (valid till the next issuance)

### 1. WEATHER FORECAST:

According to weather forecast for the next 24 hours issued at 2100 hours on 23rd June, 2019:  
The weather condition over the country is likely to be mostly cloudy with light rain.

### 2. OBSERVATION AND MONITORING OF THORTHORMI LAKE

National Center for Hydrology and Meteorology (NCHM) is manually monitoring the Thor Thormi Lake with the staff deployed at Lake Site with additional manpower (technician) dispatched from Wangdue Control Room today along with NCHM team to Lunana by helicopter. Water level of the lakes reported to be normal (6.50 m) during the day with slight increase from 17:00 hours (6.55 m) with melting snow and glaciers. Water level Status of Thor Thormi Lake for 23 June 2019 is given below.

Time	Water level	Remarks
1:00 to 16:00 hours	6.50 m	Sunny weather with no rain on the ground.
17:00 to 21:00 hours	6.55 m	Cloudy with light rain reported on the ground

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

GLOF Early Warning System along the Puna-Wangdue valley is operational expect for automatic water level detection system at Thor Thormi Lake & Thanza that was damaged by the 20 June 2019 incident of subsidiary lake breach. However, the manual monitoring is being continuously done by the technicians posted on the ground to control room in Wangdue and Thimphu Headquarter.

### 4. IMPACT/ADVISORY:

Due to the breaching of two subsidiary lakes, 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 flood level is updated on our website: [www.nchm.gov.bt](http://www.nchm.gov.bt)  
and Face book: <https://www.facebook.com/NationalCenterforHydrologyandMeteorology/>

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



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Picture1: Panoramic view of the Thor Thormi Lake at 12:00PM, 23/6/2019