

क्यत्यंत्रम्भः कर्नार-रन्ध्यः सूर्यः स्वरमः स्व

HYDROLOGY & WATER RESOURCES SERVICES DIVISION NATIONAL CENTER FOR HYDROLOGY & METEOROLOGY THIMPHU: BHUTAN



STATUS OF RIVER LEVEL AND TRENDS:

Thursday, June 27, 2019

Issued at:

10:00 AM

 ${\bf 1.\ Glacier\ Lake\ Outburst\ Flood\ (GLOF)\ and\ Rainstorm\ Flood\ Early\ Warning\ System\ on\ Chamkharchu\ sub-basin:}$

| S1.# | Name of Station | River | Historical Max. Water Level (m) | Danger/Alarm Water Level (m) | (m) recorded at | | Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today | |
|------|-----------------|-------------|------------------------------------|------------------------------------|-----------------|------|--|--|
| 1 | Tsampa | | | 6.50 | 4.04 | 4.03 | -0.01 | Chokortoe Pry. School, Kurjey village, Wangdicholling, |
| 2 | Khagtang | Chamkharchu | | 6.00 | 4.63 | 4.66 | 0.03 | Chamkhar town, Gangrithang Pry. School, Gyelkhar village and |
| 3 | Kurjey | | 5.72 | 5.00 | 1.97 | 2.14 | 0.17 | downstream settlement under Zhemgang. |

2. Glacier Lake Outburst Flood (GLOF) and Rainstorm Flood Early Warning System on Mangdechhu sub-basin:

| S1.# | Name of Station | River | Historical Max. Water Level (m) | Danger/Alarm Water Level (m) | (m) recorded at | | Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today | Downstream Settlement |
|------|-----------------|-----------|------------------------------------|------------------------------------|-----------------|------|--|--|
| 1 | Jongthang | Mangdechu | | 7.00 | 3.30 | 3.30 | 0.00 | Bjizam Community, MHPA Dam, Power House and downstream |
| 2 | Bjizam | | 5.52 | 5.50 | 2.24 | 2.45 | 0.21 | settlement of Trongsa and Zhemgang |

3. Glacier Lake Outburst Flood (GLOF) Early Warning System on Punatsangchu basin:

| S1.# | Name of Station | River | Historical Max. Water Level (m) | Danger/Alarm Water Level (m) | Water Level (m) recorded at 09:00 AM Yesterday | Water Level (m) recorded at 09:00 AM Today | Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today | Downstream Settlements |
|------|-----------------|--------|------------------------------------|------------------------------------|---|--|--|--|
| 1 | Luggy | | | 10.00 | 6.58 | 6.57 | -0.01 | |
| 2 | Thorthormi | Phochu | | 5.00 | 6.00 | 5.85 | -0.15 | |
| 3 | Rapstreng | | | 5.00 | 6.24 | 6.24 | 0.00 | Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley. |
| 4 | Bay-Tsho | | | 5.00 | 6.36 | 6.37 | 0.01 | , |
| 5 | Thanza | | | 8.70 | 6.79 | NR | #VALUE! | |
| 6 | Tarina-Wachey | | | 10.50 | 6.77 | 6.78 | 0.01 | Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and |
| 7 | Dangsa | | | 7.00 | 4.32 | 4.51 | 0.19 | downstream. |
| 8 | Taktsemakhang | Mochu | | 8.50 | 5.62 | 5.67 | 0.05 | |
| 9 | Tashithang | | | 10.50 | 6.30 | 6.94 | 0.64 | Gasa, Mochu Valley, Puna -Wangdue Valley and downstream. |
| 10 | Yebesa | | | 7.00 | 1.80 | 2.24 | 0.44 | |

4. River Level Status and Trends of Other Basins:

| S1.# | Name of Station | River | Dzongkhag | Water Level (m) recorded at 09:00 AM Yesterday | Water Level (m) recorded at 09:00 AM Today | Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today | Downstream Settlements | | |
|------|-----------------|--------------|-----------------|---|---|---|---|--|--|
| 1 | Dorokha | Amochu | Samtse | 3.80 | 3.35 | -0.45 | Samtse, Phuntsholing and downstream | | |
| 2 | Doyagang | Amochu | Chukha | 6.83 | 4.85 | -1.98 | Phuntsholing and downstream | | |
| 3 | Dodena | Thim Chu | Thimphu | 1.69 | NR | #VALUE! | Thimphu Valley and downstream | | |
| 4 | Lungtenphu | Tillii Cilu | Thimphu | 0.71 | 0.72 | 0.01 | Thimphu Valley and downstream | | |
| 5 | Bondey | Paro Chu | Paro | 0.95 | 1.02 | 0.07 | Downstream of Paro valley and Wangchu basin | | |
| 6 | Damchu | Wang Chu | Chhukha | 2.22 | 2.35 | 0.13 | Chhukha and downstream | | |
| 7 | Haachu | Ha Chu | Haa | 0.73 | 0.72 | -0.01 | Downstream of Haa and Wangchu downstream | | |
| 8 | Samdingkha | Phochu | Punakha | 3.53 | 3.95 | 0.42 | Puna-Wangdue Valley | | |
| 9 | Yebesa | Mochu | Punakha | 1.73 | 2.21 | 0.48 | #NAME? | | |
| 10 | Wangdi Bridge | | Wangduephodrang | 1.70 | 2.75 | 1.05 | PHPA I, PHPA II and downstream | | |
| 11 | Wangdi Rapid | | Wangduephodrang | 2.26 | 3.25 | 0.99 | PHPA I, PHPA II and downstream | | |
| 12 | Turitar Sunkosh | Punatsangchu | Dagana | 2.60 | 2.85 | 0.25 | Downstream of Dagana and Lhamoizingkha | | |
| 13 | Sunkosh Bridege | | Dagana | 1.70 | 2.00 | 0.30 | Downstream of Dagana and Lhamoizingkha | | |
| 14 | Kerabari | | Dagana | 5.10 | 5.00 | -0.10 | Lhamoizingkha and downstream | | |
| 15 | Bjizam | | Trongsa | 2.25 | 2.48 | 0.23 | MHPA dam, Power house and downstream of Trongsa and Zhemgang | | |
| 16 | Dakpaichhu | Mangdechu | Zhemgang | 1.20 | 1.46 | 0.26 | Daymetreem of Themselve and Daybone | | |
| 17 | Tingtibi | | | 3.35 | 3.50 | 0.15 | Downstream of Zhemgang and Panbang | | |
| 18 | Kurjey | Chbhb | Bumthang | 1.98 | 2.13 | 0.15 | Chamkhar valley, Zhemgang and downstream | | |
| 19 | Shingkhar | Chamkharchu | Zhemgang | 1.85 | 1.93 | 0.08 | Zhemgang and downstream | | |
| 20 | Sumpa | | Lhuentse | 4.21 | 4.47 | 0.26 | Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu | | |
| 21 | Khoma | 77 . 1 | Lhuentse | 1.85 | 1.96 | 0.11 | Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu | | |
| 22 | Autsho | Kurichu | Lhuentse | 4.00 | 4.30 | 0.30 | Kurizampa, KHPA and downstream along the Kurichu | | |
| 23 | Kurizampa | | Mongar | 8.11 | 8.35 | 0.24 | KHPA and downstream along the Kurichu | | |
| 24 | Muktirap | Kholongchu | T/yangtse | 2.04 | 2.40 | 0.36 | Kholongchu Hydropower Project, Doksum and downstream of Drangmechu | | |
| 25 | Doksum | | T/yangtse | 3.95 | 4.15 | 0.20 | Kholongchu Power house and downstream of Drangmechu | | |
| 26 | Chazam | Gongrichu | T/gang | 8.30 | 8.60 | 0.30 | Downstream settlement of Kuri-Gongri and Panbang | | |
| 27 | Ozorong | | T/gang | 2.09 | 2.15 | 0.06 | Downstream of Kuri-Gongri and Panbang | | |
| 28 | Riju | Gamrichu | T/gang | NR | NR | #VALUE! | Chazam, Downstream of Kuri-Gongri and Panbang | | |
| 29 | Sherichu | Sherichu | Mongar | 1.28 | 1.48 | 0.20 | Downstream of Kuri-Gongri and Panbang | | |
| 30 | Panbang | Drangmechu | Zhemgang | 6.45 | 6.20 | -0.25 | Manas and Downstream | | |
| 31 | Pangzam | ~ | T/gang | 6.00 | 6.50 | 0.50 | Bangtar settlement and downstream | | |
| | Bangtar | Neyra Amari | S/Jongkhar | 2.08 | 2.47 | 0.39 | Downstream of Bangtar settlement | | |
| 33 | Sherzhong | Aiechhu | Gelephu | 4.10 | 4.15 | 0.05 | · | | |

Note 1: Water levels are relative gauge height of the observation site referenced to site specific and does not represent the actual water depth.

Note 2: ALERT
ALARM
NR Data Not Reported/ Not Received

Issued by: FMCR, HWRSD, NCHM