

क्यत्यास्यास्य स्वत्यास्य स्यास्य स्वत्यास्य स्वत्यास्य स्वत्यास्य स्वत्यास्य स्वत्यास्य स्वत्य स्वत्यास्य स्वत्यास्य स्वत्यास्य स्वत्यास्य स्वत्यास्य स्वत्य स्वत्यास्य स्वत्य

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

Issued at:



STATUS OF RIVER LEVEL AND TRENDS:

Monday, June 10, 2019

10:00 AM

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)	Water Level (m) recorded at 09:00 AM Yesterday	Water Level (m)	Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	
1	Tsampa			6.50	3.94	3.88	-0.06	Chokortoe Pry. School, Kurjey village, Wangdicholling,
2	Khagtang	Chamkharchu		6.00	4.64	4.59	-0.05	Chamkhar town, Gangrithang Pry. School, Gyelkhar village and
3	Kuriev		5.72	5.00	2.08	1.97	-0.11	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)	at 00:00 AM	Water Level (m)	Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	
1	Jongthang	Mangdechu		7.00	3.30	3.31	0.01	Bjizam Community, MHPA Dam, Power House and downstream
2	Bjizam		5.52	5.50	2.32	2.20	-0.12	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)	Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	Downstream Settlements
1	Luggy			10.00	6.50	6.50	0.00	
2	Thorthormi	Phochu		5.00	6.52	6.53	0.01	
3	Rapstreng			5.00	6.20	6.19	-0.01	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
4	Bay-Tsho			5.00	6.29	6.22	-0.07	
5	Thanza			8.70	6.37	6.36	-0.01	
6	Tarina-Wachey			10.50	6.79	6.78	-0.01	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and
7	Dangsa			7.00	4.42	4.29	-0.13	downstream.
8	Taktsemakhang	Mochu		8.50	5.64	5.60	-0.04	
9	Tashithang			10.50	NR	NR	#VALUE!	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
10	Yebesa			7.00	2.17	1.83	-0.34	

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	3.05	2.95	-0.10	Samtse, Phuntsholing and downstream
2	Doyagang	Amocnu	Chukha	3.98	3.81	-0.17	Phuntsholing and downstream
3	Dodena	Thim Chu	Thimphu	1.71	1.66	-0.05	Thimphu Valley and downstream
4	Lungtenphu	Tillii Cilu	Thimphu	0.72	0.63	-0.09	Thimphu Valley and downstream
5	Bondey	Paro Chu	Paro	0.93	0.88	-0.05	Downstream of Paro valley and Wangchu basin
6	Damchu	Wang Chu	Chhukha	2.26	2.18	-0.08	Chhukha and downstream
7	Haachu	Ha Chu	Haa	0.72	0.69	-0.03	Downstream of Haa and Wangchu downstream
8	Samdingkha	Phochu	Punakha	3.66	3.43	-0.23	Puna-Wangdue Valley
9	Yebesa	Mochu	Punakha	2.15	1.82	-0.33	#NAME?
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	2.50	1.90	-0.60	PHPA I, PHPA II and downstream
11	Wangdi Rapid		Wangduephodrang	3.05	2.42	-0.63	PHPA I, PHPA II and downstream
12	Turitar Sunkosh		Dagana	3.30	2.65	-0.65	Downstream of Dagana and Lhamoizingkha
13	Sunkosh Bridege		Dagana	2.45	1.80	-0.65	Downstream of Dagana and Lhamoizingkha
14	Kerabari		Dagana	4.92	4.65	-0.27	Lhamoizingkha and downstream
15	Bjizam		Trongsa	2.36	2.34	-0.02	MHPA dam, Power house and downstream of Trongsa and Zhemgang
16	Dakpaichhu	Mangdechu	71	1.16	1.14	-0.02	Downstream of Zhemgang and Panbang
17	Tingtibi		Zhemgang	3.30	3.18	-0.12	Downstream of Zhenigang and Panoang
18	Kurjey	Chamkharchu	Bumthang	2.09	1.97	-0.12	Chamkhar valley, Zhemgang and downstream
19	Shingkhar		Zhemgang	1.92	1.80	-0.12	Zhemgang and downstream
20	Sumpa	Kurichu	Lhuentse	4.22	4.00	-0.22	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
21	Khoma		Lhuentse	1.95	1.90	-0.05	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
22	Autsho		Lhuentse	4.12	3.86	-0.26	Kurizampa, KHPA and downstream along the Kurichu
23	Kurizampa		Mongar	8.37	8.05	-0.32	KHPA and downstream along the Kurichu
24	Muktirap	Kholongchu	T/yangtse	2.37	2.34	-0.03	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu
25	Doksum	Gongrichu	T/yangtse	3.85	3.83	-0.02	Kholongchu Power house and downstream of Drangmechu
26	Chazam		T/gang	8.55	8.45	-0.10	Downstream settlement of Kuri-Gongri and Panbang
27	Ozorong		T/gang	1.84	1.91	0.07	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	1.33	1.30	-0.03	Downstream of Kuri-Gongri and Panbang
30	Panbang	Drangmechu	Zhemgang	5.80	5.43	-0.37	Manas and Downstream
31	Pangzam	Neyra Amari	T/gang	5.75	5.70	-0.05	Bangtar settlement and downstream
32	Bangtar	Neyra Amari	S/Jongkhar	1.60	1.56	-0.04	Downstream of Bangtar settlement
33	Sherzhong	Aiechhu	Gelephu	3.85	3.75	-0.10	-

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

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