



རྒྱུ་ཕྱེད་རིག་པ་དང་རྒྱུ་ལོ་ཐོན་སྐྱེད་ཞབས་ཏོག་ལྷན་ཚོགས།  
 རྒྱལ་ཡོངས་རྒྱུ་ཕྱེད་དང་གནམ་གཤིས་རིག་པའི་སློབ་ཁྲིམས།  
**HYDROLOGY & WATER RESOURCES SERVICES DIVISION**  
**NATIONAL CENTER FOR HYDROLOGY & METEOROLOGY**  
**THIMPHU: BHUTAN**



**STATUS OF RIVER LEVEL AND TRENDS: Friday, May 31, 2019 Issued at: 10:00 AM**

**1. Glacier Lake Outburst Flood (GLOF) and Rainstorm Flood Early Warning System on Chamkharchu sub-basin:**

Sl.#	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	Tsampa	Chamkharchu		6.50	3.81	3.76	-0.05	Chokortoe Pry. School, Kurjey village, Wangdicholling, Chamkhar town, Gangrithang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	4.55	4.52	-0.03	
3	Kurjey		5.72	5.00	1.94	1.91	-0.03	

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

Sl.#	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 Settlement
1	Jongthang	Mangdechhu		7.00	3.30	NR	#VALUE!	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	2.19	2.13	-0.06	

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

Sl.#	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	Phochu		10.00	6.43	6.41	-0.02	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	6.47	6.47	0.00	
3	Rapstreng			5.00	6.14	6.13	-0.01	
4	Bay-Tsho			5.00	6.16	6.15	-0.01	
5	Thanza			8.70	6.28	6.26	-0.02	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
6	Tarina-Wachey			10.50	6.63	6.60	-0.03	
7	Dangsa			7.00	4.15	3.99	-0.16	
8	Taktsemakhang	Mochu		8.50	5.40	5.38	-0.02	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
9	Tashithang			10.50	NR	NR	#VALUE!	
10	Yebesa			7.00	1.76	1.61	-0.15	

4. River Level Status and Trends of Other Basins:

Sl.#	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	Downstream Settlements
1	Dorokha	Amochu	Samtse	2.85	2.90	0.05	Samtse, Phuntsholing and downstream
2	Doyagang		Chukha	3.95	3.96	0.01	Phuntsholing and downstream
3	Dodena	Thim Chu	Thimphu	1.62	1.63	0.01	Thimphu Valley and downstream
4	Lungtenphu		Thimphu	0.52	0.54	0.02	Thimphu Valley and downstream
5	Bondey	Paro Chu	Paro	0.80	0.84	0.04	Downstream of Paro valley and Wangchu basin
6	Damchu	Wang Chu	Chhukha	2.08	2.09	0.01	Chhukha and downstream
7	Haachu	Ha Chu	Haa	0.67	0.68	0.01	Downstream of Haa and Wangchu downstream
8	Samdingkha	Phochu	Punakha	3.66	3.23	-0.43	Puna-Wangdue Valley
9	Yebesa	Mochu	Punakha	1.65	1.55	-0.10	Puna-Wangdue Valley
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	1.70	1.40	-0.30	PHPA I, PHPA II and downstream
11	Wangdi Rapid		Wangduephodrang	2.28	1.97	-0.31	PHPA I, PHPA II and downstream
12	Turitar Sunkosh		Dagana	2.60	2.40	-0.20	Downstream of Dagana and Lhamoizingkha
13	Sunkosh Bridege		Dagana	1.75	1.55	-0.20	Downstream of Dagana and Lhamoizingkha
14	Kerabari		Dagana	4.43	4.25	-0.18	Lhamoizingkha and downstream
15	Bjizam	Mangdechu	Trongsa	2.23	2.14	-0.09	MHPA dam, Power house and downstream of Trongsa and Zhemgang
16	Dakpaichhu		Zhemgang	1.19	1.26	0.07	Downstream of Zhemgang and Panbang
17	Tingtibi			3.26	3.20	-0.06	
18	Kurjey	Chamkharchu	Bumthang	1.96	1.91	-0.05	Chamkhar valley, Zhemgang and downstream
19	Shingkar		Zhemgang	1.75	1.74	-0.01	Zhemgang and downstream
20	Sumpa	Kurichu	Lhuentse	3.89	3.75	-0.14	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
21	Khoma		Lhuentse	1.79	1.75	-0.04	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
22	Autsho		Lhuentse	3.77	3.66	-0.11	Kurizampa, KHPA and downstream along the Kurichu
23	Kurizampa		Mongar	7.83	7.79	-0.04	KHPA and downstream along the Kurichu
24	Muktirap	Kholongchu	T/yangtse	2.21	2.14	-0.07	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu
25	Doksum	Gongrichu	T/yangtse	4.12	4.18	0.06	Kholongchu Power house and downstream of Drangmechu
26	Chazam		T/gang	8.30	8.10	-0.20	Downstream settlement of Kuri-Gongri and Panbang
27	Ozorong		T/gang	2.07	1.87	-0.20	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	1.61	1.52	-0.09	Downstream of Kuri-Gongri and Panbang
30	Panbang	Drangmechu	Zhemgang	5.35	5.18	-0.17	Manas and Downstream
31	Pangzam	Neyra Amari	T/gang	6.20	6.10	-0.10	Bangtar settlement and downstream
32	Bangtar	Neyra Amari	S/Jongkhar	1.94	1.88	-0.06	Downstream of Bangtar settlement
33	Sherzhong	Aiechhu	Gelephu	3.75	3.80	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

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FMCR, HWRSD, NCHM