



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



**STATUS OF RIVER LEVEL AND TRENDS: Tuesday, June 04, 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	3.76	3.71	-0.05	Chokortoe Pry. School, Kurje village, Wangdicholling, Chamkhar town, Gangrithang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	4.50	4.46	-0.04	
3	Kurje		5.72	5.00	1.81	1.75	-0.06	

**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	2.05	1.98	-0.07	

**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	6.38	6.37	-0.01	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	6.46	6.46	0.00	
3	Rapstreng			5.00	6.15	6.15	0.00	
4	Bay-Tsho			5.00	6.17	6.16	-0.01	
5	Thanza			8.70	6.24	6.24	0.00	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
6	Tarina-Wachey			10.50	6.62	6.60	-0.02	
7	Dangsa			7.00	3.92	3.88	-0.04	
8	Taktsemakhang	Mochu		8.50	5.42	5.39	-0.03	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
9	Tashithang			10.50	NR	NR	#VALUE!	
10	Yebesa			7.00	1.59	1.50	-0.09	

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	2.90	2.85	-0.05	Samtse, Phuntsholing and downstream
2	Doyagang		Chukha	3.73	3.68	-0.05	Phuntsholing and downstream
3	Dodena	Thim Chu	Thimphu	1.63	1.62	-0.01	Thimphu Valley and downstream
4	Lungtenphu		Thimphu	0.57	0.52	-0.05	Thimphu Valley and downstream
5	Bondey	Paro Chu	Paro	0.81	0.79	-0.02	Downstream of Paro valley and Wangchu basin
6	Damchu	Wang Chu	Chhukha	2.06	2.06	0.00	Chhukha and downstream
7	Haachu	Ha Chu	Haa	0.66	0.63	-0.03	Downstream of Haa and Wangchu downstream
8	Samdingkha	Phochu	Punakha	3.03	3.03	0.00	Puna-Wangdue Valley
9	Yebesa	Mochu	Punakha	1.54	1.45	-0.09	Puna-Wangdue Valley
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	1.30	1.20	-0.10	PHPA I, PHPA II and downstream
11	Wangdi Rapid		Wangduephodrang	1.85	1.70	-0.15	PHPA I, PHPA II and downstream
12	Turitar Sunkosh		Dagana	2.10	2.10	0.00	Downstream of Dagana and Lhamoizingkha
13	Sunkosh Bridge		Dagana	1.40	1.35	-0.05	Downstream of Dagana and Lhamoizingkha
14	Kerabari		Dagana	3.96	3.96	0.00	Lhamoizingkha and downstream
15	Bjizam	Mangdechu	Trongsa	2.09	1.99	-0.10	MHPA dam, Power house and downstream of Trongsa and Zhemgang
16	Dakpaichhu		Zhemgang	1.13	1.11	-0.02	Downstream of Zhemgang and Panbang
17	Tingtibi			2.98	2.94	-0.04	
18	Kurjey	Chamkharchu	Bumthang	1.81	1.75	-0.06	Chamkhar valley, Zhemgang and downstream
19	Shingkar		Zhemgang	1.64	1.60	-0.04	Zhemgang and downstream
20	Sumpa	Kurichu	Lhuentse	3.58	3.45	-0.13	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
21	Khoma		Lhuentse	1.63	1.60	-0.03	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
22	Autsho		Lhuentse	3.44	3.31	-0.13	Kurizampa, KHPA and downstream along the Kurichu
23	Kurizampa		Mongar	7.42	7.35	-0.07	KHPA and downstream along the Kurichu
24	Muktirap	Kholongchu	T/yangtse	2.02	1.99	-0.03	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu
25	Doksum	Gongrichu	T/yangtse	4.12	4.09	-0.03	Kholongchu Power house and downstream of Drangmechu
26	Chazam		T/gang	8.00	7.95	-0.05	Downstream settlement of Kuri-Gongri and Panbang
27	Ozorong		T/gang	1.80	1.68	-0.12	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	1.35	1.37	0.02	Downstream of Kuri-Gongri and Panbang
30	Panbang	Drangmechu	Zhemgang	4.76	4.82	0.06	Manas and Downstream
31	Pangzam	Neyra Amari	T/gang	5.95	5.95	0.00	Bangtar settlement and downstream
32	Bangtar	Neyra Amari	S/Jongkhar	1.72	1.74	0.02	Downstream of Bangtar settlement
33	Sherzhong	Aiechhu	Gelephu	3.80	3.80	0.00	

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