



ལྷན་པོ་བཞུགས་པའི་རྒྱུ་རྐྱེན་སྤྱོད་ལེན་པའི་ཉེན་མཚན།  
 རྒྱལ་ཡོངས་ལྷན་པོ་བཞུགས་པའི་རྒྱུ་རྐྱེན་སྤྱོད་ལེན་པའི་ཉེན་མཚན།

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



STATUS OF RIVER LEVEL AND TRENDS:

Monday, May 13, 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	3.84	3.82	-0.02	Chokortoe Pry. School, Kurje village, Wangdicholling, Chamkhar town, Gangrithang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	4.58	4.55	-0.03	
3	Kurje		5.72	5.00	1.97	1.95	-0.02	

2. Glacier Lake Outburst Flood (GLOF) and Rainstorm Flood Early Warning System on Mangdechu 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	Mangdechu		7.00	NR	NR	#VALUE!	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	NR	NR	#VALUE!	

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	6.35	6.35	0.00	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	6.44	6.43	-0.01	
3	Rapstreng			5.00	6.14	6.13	-0.01	
4	Bay-Tsho			5.00	6.21	6.17	-0.04	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
5	Thanza			8.70	6.24	6.24	0.00	
6	Tarina-Wachey			10.50	6.67	6.66	-0.01	
7	Dangsa			7.00	3.99	3.91	-0.08	
8	Taktsemakhang	Mochu		8.50	5.46	5.42	-0.04	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
9	Tashithang			10.50	5.58	5.50	-0.08	
10	Yebesa			7.00	1.58	1.54	-0.04	

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 Today	Downstream Settlements	
1	Dorokha	Amochu	Samtse	2.90	2.90	0.00	Samtse, Phuntsholing and downstream	
2	Doyagang		Chukha	3.87	3.77	-0.10	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	1.69	1.66	-0.03	Thimphu Valley and downstream	
4	Lungtenphu		Thimphu	0.70	0.62	-0.08	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	0.95	0.91	-0.04	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	2.27	2.22	-0.05	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	0.83	0.84	0.01	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	3.16	3.10	-0.06	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	1.53	1.48	-0.05	Puna-Wangdue Valley	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	1.40	1.30	-0.10	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	1.94	1.80	-0.14	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	2.35	2.25	-0.10	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridege		Dagana	1.50	1.40	-0.10	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	4.06	3.97	-0.09	Lhamoizingkha and downstream	
15	Bjizam	Mangdechu	Trongsa	2.16	2.09	-0.07	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu		Zhemgang		1.09	1.05	-0.04	Downstream of Zhemgang and Panbang
17	Tingtibi				3.05	3.00	-0.05	
18	Kurjey	Chamkharchu	Bumthang	1.96	1.95	-0.01	Chamkhar valley, Zhemgang and downstream	
19	Shingkar		Zhemgang	1.75	1.76	0.01	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	3.82	3.67	-0.15	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	1.74	1.63	-0.11	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	3.60	3.51	-0.09	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	7.68	7.57	-0.11	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	2.35	2.19	-0.16	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	4.34	4.31	-0.03	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	8.50	8.50	0.00	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	2.38	2.32	-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	1.23	1.48	0.25	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	5.36	5.36	0.00	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	5.85	5.80	-0.05	Bangtar settlement and downstream	
32	Bangtar	Neyra Amari	S/Jongkhar	1.82	1.71	-0.11	Downstream of Bangtar settlement	
33	Sherzhong	Aiechhu	Gelephu	3.70	3.65	-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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