



ལྷན་པུང་རིག་པ་དང་རྒྱུ་ལོན་སྐྱོད་ཞུས་ཏེ་གཞི་ཚོན།  
རྒྱལ་ཡོངས་ལྷན་པུང་དང་གནམ་གཤིས་རིག་པའི་ལྷན་པ།

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



STATUS OF RIVER LEVEL AND TRENDS:

Wednesday, July 17, 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	4.52	4.39	0.13	Chokortoe Pry. School, Kurjey village, Wangdicholling, Chamkhar town, Gangrihang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	5.04	4.85	-0.19	
3	Kurjey		5.72	5.00	2.59	2.67	0.08	

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	3.31	NR	#VALUE!	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	3.06	2.88	-0.18	

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	6.68	6.65	-0.03	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.	
2	Thorthormi			5.00	5.82	5.80	-0.02		
3	Rapstreng			5.00	6.30	6.27	-0.03		
4	Bay-Tsho				5.00	6.41	6.36	-0.05	
5	Thanza				8.70	NR	NR	#VALUE!	
6	Tarina-Wachey				10.50	7.06	6.93	-0.13	Phochu Valley (Tamidamchu, Woolathang, Samingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
7	Dangsa				7.00	4.42	4.76	0.34	
8	Taktsemakhang	Mochu		8.50	6.04	5.90	-0.14	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.	
9	Tashithang			10.50	8.67	7.36	-1.31		
10	Yebesa			7.00	2.96	2.42	-0.54		

#### 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	4.00	3.80	-0.20	Samtse, Phuntsholing and downstream	
2	Doyagang		Chukha	4.98	4.81	-0.17	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	2.18	NR	#VALUE!	Thimphu Valley and downstream	
4	Lungtenphu		Thimphu	1.60	1.38	-0.22	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	1.68	1.45	-0.23	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	3.18	2.91	-0.27	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	1.32	1.14	-0.18	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	4.50	4.20	-0.30	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	2.87	2.41	-0.46	#NAME?	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	3.95	3.15	-0.80	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	4.45	3.65	-0.80	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	4.25	3.70	-0.55	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridge		Dagana	3.35	2.90	-0.45	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	6.70	6.25	-0.45	Lhamoizingkha and downstream	
15	Bjizam	Mangdechu	Trongsa	3.08	2.90	-0.18	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu		Zhemgang		1.61	1.52	-0.09	Downstream of Zhemgang and Panbang
17	Tingtibi				4.54	4.30	-0.24	
18	Kurjey	Chamkharchu	Bumthang	2.59	2.47	-0.12	Chamkhar valley, Zhemgang and downstream	
19	Shingkar		Zhemgang	2.56	2.44	-0.12	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	5.00	4.98	-0.02	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	2.30	2.18	-0.12	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	5.00	4.97	-0.03	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	9.19	9.29	0.10	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	2.70	2.53	-0.17	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	5.27	5.13	-0.14	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	9.85	9.30	-0.55	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	3.65	2.87	-0.78	Downstream of Kuri-Gongri and Panbang	
28	Riju	Gamrichu	T/gang	NR	NR	Station Closed	Chazam, Downstream of Kuri-Gongri and Panbang	
29	Sherichu	Sherichu	Mongar	1.95	1.80	-0.15	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	8.32	7.73	-0.59	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	8.20	8.05	-0.15	Bangtar settlement and downstream	
32	Bangtar		S/Jongkhar	4.30	3.95	-0.35	Downstream of Bangtar settlement	
33	Sherzhong		Aiechhu	Gelephu	5.30	5.20	-0.10	Gelephu Valley and Downstream

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