



ལྷན་པུང་རིག་པ་དང་རྒྱུ་ལོན་སྐྱོད་ལྷན་ཁང་གི་འཕྲིན་ལུགས་
 རྒྱལ་ཡོངས་ལྷན་པུང་དང་གནམ་གཤིས་རིག་པའི་ལྷན་པུང་།

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



STATUS OF RIVER LEVEL AND TRENDS: Sunday, December 16, 2018 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	NR	NR	#VALUE!	Chokortoe Pry. School, Kurjey village, Wangdicholling, Chamkhar town, Gangrihang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	4.27	4.28	0.01	
3	Kurjey		5.72	5.00	1.42	1.41	-0.01	

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	3.63	3.63	0.00	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	1.69	1.70	0.01	

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	6.27	6.27	0.00	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	6.37	6.36	-0.01	
3	Rapstreng			5.00	6.01	6.01	0.00	
4	Bay-Tsho			5.00	6.13	6.13	0.00	
5	Thanza			8.70	6.23	6.23	0.00	
6	Tarina-Wachey			10.50	NR	6.23	#VALUE!	
7	Dangsa	Mochu		7.00	3.39	3.39	0.00	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
8	Taktsemakhang			8.50	NR	5.14	#VALUE!	
9	Tashithang			10.50	NR	NR	#VALUE!	
10	Yebesa			7.00	1.17	1.17	0.00	

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	2.25	2.20	-0.05	Samtse, Phuntsholing and downstream	
2	Doyagang		Chukha	2.91	2.90	-0.01	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	NR	NR	#VALUE!	Thimphu Valley and downstream	
4	Lungtenphu		Thimphu	0.28	0.27	-0.01	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	0.73	0.73	0.00	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	1.93	1.93	0.00	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	0.49	0.49	0.00	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	2.52	2.48	-0.04	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	1.14	1.13	-0.01	Puna-Wangdue Valley	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	0.45	0.40	-0.05	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	0.95	0.94	-0.01	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	1.70	1.65	-0.05	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridege		Dagana	0.85	0.85	0.00	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	3.38	3.37	-0.01	Lhamoizingkha and downstream	
15	Bjizam	Mangdechu	Trongsa	1.61	1.61	0.00	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu		Zhemgang		0.68	0.67	-0.01	Downstream of Zhemgang and Panbang
17	Tingtibi				2.64	2.63	-0.01	
18	Kurjey	Chamkharchu	Bumthang	1.40	1.39	-0.01	Chamkhar valley, Zhemgang and downstream	
19	Shingkar		Zhemgang	1.22	1.21	-0.01	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	2.86	2.84	-0.02	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	1.18	1.18	0.00	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	2.73	2.71	-0.02	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	6.67	6.67	0.00	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	1.43	1.42	-0.01	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	2.87	2.85	-0.02	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	6.80	6.80	0.00	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	1.18	1.20	0.02	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	0.25	0.24	-0.01	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	3.78	3.77	-0.01	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	5.40	5.40	0.00	Bangtar settlement and downstream	
32	Bangtar	Neyra Amari	S/Jongkhar	1.26	1.25	-0.01	Downstream of Bangtar settlement	
33	Sherzhong	Aiechhu	Gelephu	1.85	1.85	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:
FMC, HWRSD, NCHM