



ལྷན་པུང་རིག་པ་དང་ལྷན་པུང་ཐོན་སྐྱེད་ཞབས་ཏོག་ཤེ་ཚན།

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



STATUS OF RIVER LEVEL AND TRENDS:

Thursday, June 20, 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	3.95	3.91	-0.04	Chokortoe Pry. School, Kurje village, Wangdicholling, Chamkhar town, Gangrihang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	4.63	4.59	-0.04	
3	Kurje		5.72	5.00	2.01	1.91	-0.10	

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	NR	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	6.54	6.53	-0.01	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	6.55	6.55	0.00	
3	Rapstreng			5.00	6.20	6.20	0.00	
4	Bay-Tsho			5.00	6.22	6.24	0.02	
5	Thanza			8.70	6.40	6.40	0.00	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
6	Tarina-Wachey			10.50	6.71	6.68	-0.03	
7	Dangsa			7.00	4.40	4.23	-0.17	
8	Taktsemakhang	Mochu		8.50	5.59	5.55	-0.04	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
9	Tashithang			10.50	6.32	6.04	-0.28	
10	Yebesa			7.00	1.93	1.75	-0.18	

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	3.10	3.00	-0.10	Samtse, Phuntsholing and downstream	
2	Doyagang		Chukha	4.05	3.93	-0.12	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	1.67	1.64	-0.03	Thimphu Valley and downstream	
4	Lungtenphu		Thimphu	0.62	0.58	-0.04	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	0.92	0.91	-0.01	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	2.20	2.17	-0.03	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	0.76	0.72	-0.04	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	3.83	3.75	-0.08	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	1.91	1.71	-0.20	#NAME?	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	2.20	1.75	-0.45	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	2.56	2.28	-0.28	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	2.65	2.50	-0.15	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridege		Dagana	1.90	1.65	-0.25	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	4.65	4.43	-0.22	Lhamoizingkha and downstream	
15	Bjizam	Mangdechu	Trongsa	2.22	2.16	-0.06	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu		Zhemgang		1.14	1.16	0.02	Downstream of Zhemgang and Panbang
17	Tingtibi				3.21	3.14	-0.07	
18	Kurjey	Chamkharchu	Bumthang	2.01	1.92	-0.09	Chamkhar valley, Zhemgang and downstream	
19	Shingkar		Zhemgang	1.85	1.78	-0.07	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	4.20	3.95	-0.25	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	1.83	1.85	0.02	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	3.95	3.83	-0.12	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	7.94	7.92	-0.02	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	2.13	2.20	0.07	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	4.16	4.15	-0.01	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	8.20	8.20	0.00	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	1.94	2.00	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	1.30	1.28	-0.02	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	5.28	5.24	-0.04	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	5.70	5.65	-0.05	Bangtar settlement and downstream	
32	Bangtar	Neyra Amari	S/Jongkhar	1.87	1.78	-0.09	Downstream of Bangtar settlement	
33	Sherzhong	Aiechhu	Gelephu	3.85	3.85	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:
FMCR, HWRS, NCHM