

શુભ પેંત્ર સું નુકુન નુન સ્થાય વિશ્વ સ્થાય છે. સું તે છે. તે છે.

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



STATUS OF RIVER LEVEL AND TRENDS:

Sunday, April 21, 2019 Issued at:

10:00 AM

1. Glacier Lake Outburst Flood (GLOF) and Rainstorm Flood Early Warning System on Chamkharchu sub-basin:

S1.#	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 Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	
1	Tsampa			6.50	3.54	3.52	-0.02	Chokortoe Pry. School, Kurjey village, Wangdicholling,
2	Khagtang	Chamkharchu		6.00	4.39	4.37	-0.02	Chamkhar town, Gangrithang Pry. School, Gyelkhar village
3	Kurjey		5.72	5.00	1.65	1.59	-0.06	and downstream settlement under Zhemgang.

2. Glacier Lake Outburst Flood (GLOF) and Rainstorm Flood Early Warning System on Mangdechhu sub-basin:

	S1.#	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 Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	
	1	Jongthang	Mangdechu		7.00	NR	NR	#VALUE!	Bjizam Community, MHPA Dam, Power House and
ſ	2	Bjizam		5.52	5.50	NR	NR	#VALUE!	downstream settlement of Trongsa and Zhemgang

3. Glacier Lake Outburst Flood (GLOF) Early Warning System on Punatsangchu basin:

SI.#	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			10.00	6.22	6.22	0.00	
2	Thorthormi	Phochu		5.00	6.32	6.31	-0.01	
3	Rapstreng			5.00	6.07	6.07	0.00	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
4	Bay-Tsho			5.00	6.11	6.10	-0.01	
5	Thanza			8.70	6.23	6.23	0.00	
6	Tarina-Wachey			10.50	6.43	6.40	-0.03	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley
7	Dangsa			7.00	3.56	3.51	-0.05	and downstream.
8	Taktsemakhang	Mochu		8.50	5.23	5.22	-0.01	
9	Tashithang			10.50	4.66	NR	#VALUE!	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
10	Yebesa			7.00	1.46	1.32	-0.14	

4. River Level Status and Trends of Other Basins:

S1.#	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	2.55	2.55	0.00	Samtse, Phuntsholing and downstream
2	Doyagang	Amochu	Chukha	3.37	3.40	0.03	Phuntsholing and downstream
3	Dodena	Thim Chu	Thimphu	1.60	1.53	-0.07	Thimphu Valley and downstream
4	Lungtenphu	Thin Chu	Thimphu	0.47	0.43	-0.04	Thimphu Valley and downstream
5	Bondey	Paro Chu	Paro	0.89	0.83	-0.06	Downstream of Paro valley and Wangchu basin
6	Damchu	Wang Chu	Chhukha	2.14	2.06	-0.08	Chhukha and downstream
7	Haachu	Ha Chu	Haa	0.72	0.72	0.00	Downstream of Haa and Wangchu downstream
8	Samdingkha	Phochu	Punakha	2.68	2.57	-0.11	Puna-Wangdue Valley
9	Yebesa	Mochu	Punakha	1.33	1.27	-0.06	Puna-Wangdue Valley
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	0.75	0.60	-0.15	PHPA I, PHPA II and downstream
11	Wangdi Rapid		Wangduephodrang	1.31	1.19	-0.12	PHPA I, PHPA II and downstream
12	Turitar Sunkosh		Dagana	1.75	1.70	-0.05	Downstream of Dagana and Lhamoizingkha
13	Sunkosh Bridege		Dagana	1.15	0.90	-0.25	Downstream of Dagana and Lhamoizingkha
14	Kerabari		Dagana	3.53	3.48	-0.05	Lhamoizingkha and downstream
15	Bjizam		Trongsa	1.83	1.77	-0.06	MHPA dam, Power house and downstream of Trongsa and Zhemgang
16	Dakpaichhu	Mangdechu	71	0.94	0.92	-0.02	
17	Tingtibi		Zhemgang	2.92	2.86	-0.06	Downstream of Zhemgang and Panbang
18	Kurjey	Chamkharchu	Bumthang	1.65	1.58	-0.07	Chamkhar valley, Zhemgang and downstream
19	Shingkhar		Zhemgang	1.43	1.40	-0.03	Zhemgang and downstream
20	Sumpa	Kurichu	Lhuentse	3.43	3.27	-0.16	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
21	Khoma		Lhuentse	1.37	1.30	-0.07	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
22	Autsho		Lhuentse	3.26	3.10	-0.16	Kurizampa, KHPA and downstream along the Kurichu
23	Kurizampa		Mongar	7.34	7.10	-0.24	KHPA and downstream along the Kurichu
24	Muktirap	Kholongchu	T/yangtse	1.89	1.72	-0.17	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu
25	Doksum	Gongrichu	T/yangtse	3.43	3.46	0.03	Kholongchu Power house and downstream of Drangmechu
26	Chazam		T/gang	7.50	7.30	-0.20	Downstream settlement of Kuri-Gongri and Panbang
27	Ozorong		T/gang	1.42	1.18	-0.24	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	1.21	-0.02	Downstream of Kuri-Gongri and Panbang
30	Panbang	Drangmechu	Zhemgang	4.54	4.21	-0.33	Manas and Downstream
31	Pangzam	Nevra Amari	T/gang	5.45	5.45	0.00	Bangtar settlement and downstream
32	Bangtar	Neyra Amari	S/Jongkhar	1.17	1.17	0.00	Downstream of Bangtar settlement
33	Sherzhong	Aiechhu	Gelephu	3.65	3.65	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