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



STATUS OF RIVER LEVEL AND TRENDS:

Wednesday, May 01, 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 Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	
1	Tsampa			6.50	3.76	3.74	-0.02	Chokortoe Pry. School, Kurjey village, Wangdicholling,
2	Khagtang	Chamkharchu		6.00	4.56	4.52	-0.04	Chamkhar town, Gangrithang Pry. School, Gyelkhar village
3	Kurjey		5.72	5.00	1.97	1.90	-0.07	and downstream settlement under Zhemgang.

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

5	51.#	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
	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:

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 (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	6.25	6.26	0.01	
2	Thorthormi			5.00	6.37	6.37	0.00	
3	Rapstreng	Phochu		5.00	6.12	6.13	0.01	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
4	Bay-Tsho			5.00	6.22	6.26	0.04	·
5	Thanza			8.70	6.23	6.23	0.00	
6	Tarina-Wachey			10.50	6.64	6.69	0.05	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley
7	Dangsa			7.00	3.95	3.92	-0.03	and downstream.
8	Taktsemakhang			8.50	5.47	5.43	-0.04	
9	Tashithang	Mochu		10.50	5.75	5.66	-0.09	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
10	Yebesa			7.00	1.65	1.60	-0.05	

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	2.90	2.85	-0.05	Samtse, Phuntsholing and downstream
2	Doyagang	Amochu	Chukha	3.95	3.72	-0.23	Phuntsholing and downstream
3	Dodena	Thim Chu	Thimphu	1.72	1.66	-0.06	Thimphu Valley and downstream
4	Lungtenphu	Tillin Chu	Thimphu	0.76	0.65	-0.11	Thimphu Valley and downstream
5	Bondey	Paro Chu	Paro	1.02	0.94	-0.08	Downstream of Paro valley and Wangchu basin
6	Damchu	Wang Chu	Chhukha	2.39	2.27	-0.12	Chhukha and downstream
7	Haachu	Ha Chu	Haa	0.87	0.81	-0.06	Downstream of Haa and Wangchu downstream
8	Samdingkha	Phochu	Punakha	3.29	3.12	-0.17	Puna-Wangdue Valley
9	Yebesa	Mochu	Punakha	1.63	1.57	-0.06	Puna-Wangdue Valley
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	1.60	1.50	-0.10	PHPA I, PHPA II and downstream
11	Wangdi Rapid		Wangduephodrang	2.08	1.94	-0.14	PHPA I, PHPA II and downstream
12	Turitar Sunkosh		Dagana	2.50	2.30	-0.20	Downstream of Dagana and Lhamoizingkha
13	Sunkosh Bridege		Dagana	1.77	1.45	-0.32	Downstream of Dagana and Lhamoizingkha
14	Kerabari		Dagana	4.10	4.08	-0.02	Lhamoizingkha and downstream
15	Bjizam		Trongsa	2.12	2.05	-0.07	MHPA dam, Power house and downstream of Trongsa and Zhemgang
16	Dakpaichhu	Mangdechu	Zhemgang	1.10	1.05	-0.05	Downstream of Zhemgang and Panbang
17	Tingtibi			3.16	3.00	-0.16	Downsteam of Zhenigang and Fanoang
18	Kurjey	Chamkharchu	Bumthang	1.97	1.90	-0.07	Chamkhar valley, Zhemgang and downstream
19	Shingkhar		Zhemgang	1.77	1.70	-0.07	Zhemgang and downstream
20	Sumpa	Kurichu	Lhuentse	3.93	4.13	0.20	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
21	Khoma		Lhuentse	1.77	1.65	-0.12	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
22	Autsho		Lhuentse	3.75	3.71	-0.04	Kurizampa, KHPA and downstream along the Kurichu
23	Kurizampa		Mongar	7.90	7.71	-0.19	KHPA and downstream along the Kurichu
24	Muktirap	Kholongchu	T/yangtse	2.17	2.17	0.00	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu
25	Doksum	Gongrichu	T/yangtse	4.04	4.12	0.08	Kholongchu Power house and downstream of Drangmechu
26	Chazam		T/gang	8.45	8.40	-0.05	Downstream settlement of Kuri-Gongri and Panbang
27	Ozorong		T/gang	2.12	2.14	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	1.45	1.52	0.07	Downstream of Kuri-Gongri and Panbang
30	Panbang	Drangmechu	Zhemgang	5.50	5.14	-0.36	Manas and Downstream
31	Pangzam	Neyra Amari	T/gang	5.80	5.85	0.05	Bangtar settlement and downstream
32	Bangtar	Neyra Amari	S/Jongkhar	1.80	2.01	0.21	Downstream of Bangtar settlement
33	Sherzhong	Aiechhu	Gelephu	3.75	3.90	0.15	

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 Note 2:

Issued by: FMCR, HWRSD, NCHM