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 ལྷན་པུན་ལེན་པུན་ལེན་པུན་ལེན་པུན་

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



STATUS OF RIVER LEVEL AND TRENDS: Saturday, July 13, 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	4.54	4.46	-0.08	Chokortoe Pry. School, Kurjey village, Wangdicholling, Chamkhar town, Gangrihang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	5.07	4.94	-0.13	
3	Kurjey		5.72	5.00	2.67	2.59	-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	3.30	3.30	0.00	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	3.29	3.09	-0.20	

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	6.79	6.78	-0.01	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.	
2	Thorthormi			5.00	5.89	5.87	-0.02		
3	Rapstreng			5.00	6.35	6.32	-0.03		
4	Bay-Tsho				5.00	6.53	6.45	-0.08	
5	Thanza				8.70	NR	NR	#VALUE!	
6	Tarina-Wachey				10.50	7.22	7.14	-0.08	Phochu Valley (Tamidamchu, Woolathang, Samingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
7	Dangsa				7.00	5.11	4.99	-0.12	
8	Taktsemakhang	Mochu		8.50	6.15	6.09	-0.06	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.	
9	Tashithang				10.50	8.52	7.86		-0.66
10	Yebesa				7.00	2.86	2.60		-0.26

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	4.05	0.05	Samtse, Phuntsholing and downstream	
2	Doyagang		Chukha	5.85	5.11	-0.74	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	2.04	2.03	-0.01	Thimphu Valley and downstream	
4	Lungtenphu		Thimphu	1.32	1.31	-0.01	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	1.55	1.49	-0.06	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	2.98	2.94	-0.04	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	1.38	1.18	-0.20	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	4.75	4.60	-0.15	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	2.82	2.58	-0.24	#NAME?	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	4.20	4.00	-0.20	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	4.76	4.38	-0.38	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	4.65	4.35	-0.30	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridge		Dagana	3.75	3.45	-0.30	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	7.23	6.81	-0.42	Lhamoizingkha and downstream	
15	Bjizam	Mangdechu	Trongsa	3.32	3.10	-0.22	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu		Zhemgang		1.69	1.58	-0.11	Downstream of Zhemgang and Panbang
17	Tingtibi				4.85	4.50	-0.35	
18	Kurjey	Chamkharchu	Bumthang	2.67	2.59	-0.08	Chamkhar valley, Zhemgang and downstream	
19	Shingkar		Zhemgang	2.53	2.42	-0.11	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	5.57	5.30	-0.27	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	2.70	2.50	-0.20	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	5.60	5.30	-0.30	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	10.01	9.79	-0.22	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	3.45	3.12	-0.33	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	5.72	5.46	-0.26	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	11.70	10.60	-1.10	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	3.86	3.15	-0.71	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	1.75	1.66	-0.09	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	9.90	8.71	-1.19	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	9.05	8.90	-0.15	Bangtar settlement and downstream	
32	Bangtar		S/Jongkhar	NR	4.70	#VALUE!	Downstream of Bangtar settlement	
33	Sherzhong		Aiechhu	Gelephu	5.00	5.40	0.40	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