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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:

Thursday, March 28, 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 (m) recorded at 09:00 AM Today	Water Level Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	
1	Tsampa			6.50	NR	NR	#VALUE!	Chokortoe Pry. School, Kurjey village, Wangdicholling,
2	Khagtang	Chamkharchu		6.00	NR	NR	#VALUE!	Chamkhar town, Gangrithang Pry. School, Gyelkhar village
3	Kurjey		5.72	5.00	1.40	1.36	-0.04	and downstream settlement under Zhemgang.

### 2. Glacier Lake Outburst Flood (GLOF) and Rainstorm Flood Early Warning System on Mangdechhu sub-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 Rise (+)/Fall (-) in (m) during the last 24 hours ending at 09:00 AM Today	
	1	Jongthang	Mangdechu		7.00	3.30	3.34	0.04	Bjizam Community, MHPA Dam, Power House and
ſ	2	Bjizam		5.52	5.50	1.66	1.60	-0.06	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	6.20	6.20	0.00	
2	Thorthormi	Phochu		5.00	6.22	6.22	0.00	
3	Rapstreng			5.00	6.03	6.04	0.01	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
4	Bay-Tsho			5.00	6.08	6.08	0.00	
5	Thanza			8.70	6.23	6.23	0.00	
6	Tarina-Wachey			10.50	6.34	6.33	-0.01	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley
7	Dangsa			7.00	3.33	3.28	-0.05	and downstream.
8	Taktsemakhang	Mochu		8.50	5.13	5.09	-0.04	
9	Tashithang			10.50	4.84	4.40	-0.44	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
10	Yebesa			7.00	1.28	1.15	-0.13	

# 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	2.30	2.30	0.00	Samtse, Phuntsholing and downstream	
2	Doyagang	Amochu	Chukha	3.24	3.13	-0.11	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	NR	1.47	#VALUE!	Thimphu Valley and downstream	
4	Lungtenphu	Thin Chu	Thimphu	0.22	0.21	-0.01	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	0.74	0.72	-0.02	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	1.94	1.88	-0.06	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	0.66	0.55	-0.11	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	2.48	2.45	-0.03	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	1.21	1.13	-0.08	Puna-Wangdue Valley	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	0.10	0.10	0.00	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	0.94	0.81	-0.13	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	1.30	1.25	-0.05	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridege		Dagana	0.60	0.55	-0.05	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	3.33	3.20	-0.13	Lhamoizingkha and downstream	
15	Bjizam		Trongsa	1.67	1.60	-0.07	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu	Mangdechu	Zhemgang	0.94	0.93	-0.01	Demotore of Theorem and Devices	
17	Tingtibi			2.53	2.57	0.04	Downstream of Zhemgang and Panbang	
18	Kurjey	Chamkharchu	Bumthang	1.39	1.36	-0.03	Chamkhar valley, Zhemgang and downstream	
19	Shingkhar		Zhemgang	1.18	1.16	-0.02	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	3.10	2.89	-0.21	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	1.15	1.10	-0.05	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	2.95	2.74	-0.21	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	6.89	6.69	-0.20	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	1.59	1.59	0.00	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	2.30	2.30	0.00	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	6.95	6.80	-0.15	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	1.02	0.92	-0.10	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	1.28	1.23	-0.05	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	3.89	3.85	-0.04	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	5.42	5.42	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	3.60	3.60	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

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