



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

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



STATUS OF RIVER LEVEL AND TRENDS: Saturday, June 29, 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	4.10	4.11	0.01	Chokortoe Pry. School, Kurjey village, Wangdicholling, Chamkhar town, Gangrihang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	4.72	4.67	-0.05	
3	Kurjey		5.72	5.00	2.23	2.14	-0.09	

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	3.32	3.30	-0.02	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	2.71	2.39	-0.32	

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	6.58	6.60	0.02	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	5.90	5.88	-0.02	
3	Rapstreng			5.00	6.25	6.28	0.03	
4	Bay-Tsho			5.00	6.44	6.49	0.05	
5	Thanza			8.70	6.73	NR	#VALUE!	
6	Tarina-Wachey			10.50	6.85	6.87	0.02	
7	Dangsa			7.00	4.57	4.45	-0.12	
8	Taktsemakhang	Mochu		8.50	5.75	5.72	-0.03	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
9	Tashithang			10.50	7.28	6.43	-0.85	
10	Yebesa			7.00	2.31	1.91	-0.40	

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	3.35	3.10	-0.25	Samtse, Phuntsholing and downstream	
2	Doyagang		Chukha	4.80	4.20	-0.60	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	1.75	1.68	-0.07	Thimphu Valley and downstream	
4	Lungtenphu		Thimphu	0.76	0.70	-0.06	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	1.11	1.02	-0.09	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	2.40	2.33	-0.07	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	0.70	0.71	0.01	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	3.94	3.65	-0.29	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	2.29	1.89	-0.40	#NAME?	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	2.50	2.20	-0.30	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	3.18	2.70	-0.48	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	3.05	2.85	-0.20	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridge		Dagana	2.10	2.10	0.00	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	5.02	4.91	-0.11	Lhamoizingkha and downstream	
15	Bjizam	Mangdechu	Trongsa	2.72	2.42	-0.30	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu		Zhemgang		1.50	1.45	-0.05	Downstream of Zhemgang and Panbang
17	Tingtibi				3.67	3.42	-0.25	
18	Kurjey	Chamkharchu	Bumthang	2.23	2.14	-0.09	Chamkhar valley, Zhemgang and downstream	
19	Shingkar		Zhemgang	2.06	1.97	-0.09	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	4.94	4.59	-0.35	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	2.04	1.94	-0.10	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	4.76	4.45	-0.31	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	8.78	8.67	-0.11	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	2.38	2.23	-0.15	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	4.10	4.06	-0.04	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	8.50	8.45	-0.05	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	2.25	2.25	0.00	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	1.44	-0.01	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	6.29	6.00	-0.29	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	6.20	6.20	0.00	Bangtar settlement and downstream	
32	Bangtar		S/Jongkhar	2.27	2.13	-0.14	Downstream of Bangtar settlement	
33	Sherzhong		Aiechhu	Gelephu	4.15	4.20	0.05	

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