



ལྷན་པུང་རིག་པ་དང་ལྷན་པུང་ཐོན་སྐྱེད་ཞབས་ཏོག་མེ་ཚོན།
 ལྷན་པུང་རིག་པ་དང་ལྷན་པུང་ཐོན་སྐྱེད་ཞབས་ཏོག་མེ་ཚོན།

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



STATUS OF RIVER LEVEL AND TRENDS: Wednesday, June 12, 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	3.86	3.85	-0.01	Chokortoe Pry. School, Kurje village, Wangdicholling, Chamkhar town, Gangrihang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	4.57	4.55	-0.02	
3	Kurje		5.72	5.00	1.92	1.87	-0.05	

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	NR	#VALUE!	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	2.15	2.11	-0.04	

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	6.49	6.49	0.00	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	6.52	6.53	0.01	
3	Rapstreng			5.00	6.18	6.16	-0.02	
4	Bay-Tsho			5.00	6.20	6.25	0.05	
5	Thanza			8.70	6.35	6.37	0.02	
6	Tarina-Wachey			10.50	6.72	6.74	0.02	
7	Dangsa			7.00	4.22	4.14	-0.08	
8	Taktsemakhang	Mochu		8.50	NR	NR	#VALUE!	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
9	Tashithang			10.50	NR	NR	#VALUE!	
10	Yebesa			7.00	1.71	1.67	-0.04	

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	2.95	3.05	0.10	Samtse, Phuntsholing and downstream	
2	Doyagang		Chukha	3.87	3.92	0.05	Phuntsholing and downstream	
3	Dodena	Thim Chu	Thimphu	1.64	1.64	0.00	Thimphu Valley and downstream	
4	Lungtenphu		Thimphu	0.60	0.58	-0.02	Thimphu Valley and downstream	
5	Bondey	Paro Chu	Paro	0.87	0.90	0.03	Downstream of Paro valley and Wangchu basin	
6	Damchu	Wang Chu	Chhukha	2.14	2.15	0.01	Chhukha and downstream	
7	Haachu	Ha Chu	Haa	0.71	0.72	0.01	Downstream of Haa and Wangchu downstream	
8	Samdingkha	Phochu	Punakha	3.48	3.32	-0.16	Puna-Wangdue Valley	
9	Yebesa	Mochu	Punakha	1.68	1.61	-0.07	#NAME?	
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	1.80	1.55	-0.25	PHPA I, PHPA II and downstream	
11	Wangdi Rapid		Wangduephodrang	2.36	2.09	-0.27	PHPA I, PHPA II and downstream	
12	Turitar Sunkosh		Dagana	2.70	2.40	-0.30	Downstream of Dagana and Lhamoizingkha	
13	Sunkosh Bridege		Dagana	1.90	1.60	-0.30	Downstream of Dagana and Lhamoizingkha	
14	Kerabari		Dagana	4.32	4.28	-0.04	Lhamoizingkha and downstream	
15	Bjizam	Mangdechu	Trongsa	2.19	2.12	-0.07	MHPA dam, Power house and downstream of Trongsa and Zhemgang	
16	Dakpaichhu		Zhemgang		1.12	1.10	-0.02	Downstream of Zhemgang and Panbang
17	Tingtibi				3.10	3.05	-0.05	
18	Kurjey	Chamkharchu	Bumthang	1.92	1.87	-0.05	Chamkhar valley, Zhemgang and downstream	
19	Shingkar		Zhemgang	1.83	1.75	-0.08	Zhemgang and downstream	
20	Sumpa	Kurichu	Lhuentse	4.09	3.68	-0.41	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
21	Khoma		Lhuentse	1.77	1.72	-0.05	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu	
22	Autsho		Lhuentse	4.05	3.54	-0.51	Kurizampa, KHPA and downstream along the Kurichu	
23	Kurizampa		Mongar	8.36	7.57	-0.79	KHPA and downstream along the Kurichu	
24	Muktirap	Kholongchu	T/yangtse	2.15	2.16	0.01	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu	
25	Doksum	Gongrichu	T/yangtse	3.80	3.76	-0.04	Kholongchu Power house and downstream of Drangmechu	
26	Chazam		T/gang	8.15	8.05	-0.10	Downstream settlement of Kuri-Gongri and Panbang	
27	Ozorong		T/gang	1.95	1.90	-0.05	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	1.29	1.28	-0.01	Downstream of Kuri-Gongri and Panbang	
30	Panbang	Drangmechu	Zhemgang	5.04	4.95	-0.09	Manas and Downstream	
31	Pangzam	Neyra Amari	T/gang	5.60	5.60	0.00	Bangtar settlement and downstream	
32	Bangtar	Neyra Amari	S/Jongkhar	1.54	1.52	-0.02	Downstream of Bangtar settlement	
33	Sherzhong	Aiechhu	Gelephu	3.80	3.75	-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, HWRS, NCHM