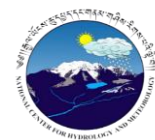




ཐུན་ཕུད་རིག་པ་དང་རྒྱུ་ལོན་སྐྱེད་ལས་ཉལ་སྤྲོད་ཚོན་
 རྒྱལ་ཡོངས་ཐུན་ཕུད་དང་གནམ་གཤིས་རིག་པའི་ལྷན་ཁག་

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



STATUS OF RIVER LEVEL AND TRENDS: Tuesday, December 18, 2018 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	3.58	3.57	-0.01	Chokortoe Pry. School, Kurjey village, Wangdicholling, Chamkhar town, Gangrihang Pry. School, Gyelkhar village and downstream settlement under Zhemgang.
2	Khagtang			6.00	4.29	NR	#VALUE!	
3	Kurjey		5.72	5.00	1.41	1.48	0.07	

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	3.63	3.68	0.05	Bjizam Community, MHPA Dam, Power House and downstream settlement of Trongsa and Zhemgang
2	Bjizam		5.52	5.50	1.69	1.70	0.01	

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	6.26	6.27	0.01	Thanza, Tenchey, Tshojo, Lhedi and Lunana area and downstream of Phochu and Puna-Wangdue Valley.
2	Thorthormi			5.00	6.36	6.37	0.01	
3	Rapstreng			5.00	6.01	6.02	0.01	
4	Bay-Tsho			5.00	6.14	6.15	0.01	
5	Thanza			8.70	6.23	6.23	0.00	
6	Tarina-Wachey			10.50	6.41	6.42	0.01	Phochu Valley (Tamidamchu, Woolathang, Samdingkha, Khawajara, Shengana, Kuruthang), Puna-Wangdue Valley and downstream.
7	Dangsa			7.00	3.38	3.42	0.04	
8	Taktsemakhang	Mochu		8.50	5.16	5.19	0.03	Gasa, Mochu Valley, Puna -Wangdue Valley and downstream.
9	Tashithang			10.50	4.73	4.75	0.02	
10	Yebesa			7.00	1.18	1.19	0.01	

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	2.20	2.20	0.00	Samtse, Phuntsholing and downstream
2	Doyagang		Chukha	2.90	2.90	0.00	Phuntsholing and downstream
3	Dodena	Thim Chu	Thimphu	NR	NR	#VALUE!	Thimphu Valley and downstream
4	Lungtenphu		Thimphu	0.27	0.32	0.05	Thimphu Valley and downstream
5	Bondey	Paro Chu	Paro	0.72	0.75	0.03	Downstream of Paro valley and Wangchu basin
6	Damchu	Wang Chu	Chhukha	1.92	1.94	0.02	Chhukha and downstream
7	Haachu	Ha Chu	Haa	0.50	0.49	-0.01	Downstream of Haa and Wangchu downstream
8	Samdingkha	Phochu	Punakha	2.47	2.47	0.00	Puna-Wangdue Valley
9	Yebesa	Mochu	Punakha	1.14	1.15	0.01	Puna-Wangdue Valley
10	Wangdi Bridge	Punatsangchu	Wangduephodrang	0.40	0.40	0.00	PHPA I, PHPA II and downstream
11	Wangdi Rapid		Wangduephodrang	0.93	0.95	0.02	PHPA I, PHPA II and downstream
12	Turitar Sunkosh		Dagana	1.65	1.65	0.00	Downstream of Dagana and Lhamoizingkha
13	Sunkosh Bridege		Dagana	0.85	0.80	-0.05	Downstream of Dagana and Lhamoizingkha
14	Kerabari		Dagana	3.36	3.37	0.01	Lhamoizingkha and downstream
15	Bjizam	Mangdechu	Trongsa	1.60	1.64	0.04	MHPA dam, Power house and downstream of Trongsa and Zhemgang
16	Dakpaichhu		Zhemgang	0.67	0.67	0.00	Downstream of Zhemgang and Panbang
17	Tingtibi			2.63	2.64	0.01	
18	Kurjey	Chamkharchu	Bumthang	1.39	1.45	0.06	Chamkhar valley, Zhemgang and downstream
19	Shingkar		Zhemgang	1.21	1.28	0.07	Zhemgang and downstream
20	Sumpa	Kurichu	Lhuentse	2.83	2.86	0.03	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
21	Khoma		Lhuentse	1.17	1.21	0.04	Lhuentse downstream, Kurizampa, KHPA and downstream along the Kurichu
22	Autsho		Lhuentse	2.71	2.72	0.01	Kurizampa, KHPA and downstream along the Kurichu
23	Kurizampa		Mongar	6.67	6.67	0.00	KHPA and downstream along the Kurichu
24	Muktirap	Kholongchu	T/yangtse	1.42	1.47	0.05	Kholongchu Hydropower Project, Doksum and downstream of Drangmechu
25	Doksum	Gongrichu	T/yangtse	2.84	2.82	-0.02	Kholongchu Power house and downstream of Drangmechu
26	Chazam		T/gang	6.80	6.80	0.00	Downstream settlement of Kuri-Gongri and Panbang
27	Ozorong		T/gang	1.20	1.17	-0.03	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	0.24	0.20	-0.04	Downstream of Kuri-Gongri and Panbang
30	Panbang	Drangmechu	Zhemgang	3.76	3.76	0.00	Manas and Downstream
31	Pangzam	Neyra Amari	T/gang	5.40	5.35	-0.05	Bangtar settlement and downstream
32	Bangtar	Neyra Amari	S/Jongkhar	1.25	1.25	0.00	Downstream of Bangtar settlement
33	Sherzhong	Aiechhu	Gelephu	1.85	1.85	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

Issued by:
FMC, HWRSD, NCHM