

Table 1 below provides the summary of existing network and other infrastructures operated by Hydrology Division, DHMS.

Table 1: Summary table of existing station network and infrastructures

Sl No.	Infrastructures	Unit	Total as of June 2012	Remarks
1	Principal Station	Nos.	16	5 Hydrological Stations (Wangchhu at Damchhu, Mochhu at Yebesa , Kholongchhu at TrashiYangtse, Gongri at Ozorong, Kuirchhu at Khoma) are is equipped with AWLS that transmit real time data to Thimphu NWWFVC
2	Secondary Station	Nos.	10	
3	Flood Warning Station	Nos.	28	26 funded by GOI (includes both hydrological and meteorological stations) + 2 funded by RGoB (Dodena on Thimpchu and Thanza at Lunana)
4	Sediment Sampling Station	Nos.	11	
5	Automatic GLOF Early Warning System in the Punakha-Wangdi Valley	Sub-basin	1	The System has 6 Automatic Real time water level stations and 2 Automatic Weather Stations and Control Room at Wangdi
6	Existing site infrastructures (Hydrology + FWS (GoI)	Nos.	18	Flood Warning Section is fully funded by the Government of India.

**Table 2: List of Principal River Gauging Stations
(Equipped with cable system for discharge measurements + water level)**

Sl.No.	Station No.	Station Name/River	River Basin/Sub-basin	Dzongkhag	Date of establishment
1	11210045	Doyagang on Ammochhu	Ammochhu	Chhukha	01/04/2006
2	12800045	Lungtenphug on Thimchhu	Wangchhu	Thimphu	22/04/1991
3	12490045	Tamchhu on Wangchhu	Wangchhu	Chhukha	01/07/2002
4	13700045	Yebesa on Mochhu	Punatsangchhu	Punakha	19/07/1991
5	13490045	Wangdirapids on Phochhu + Mochhu	Punatsangchhu	Wangdue Phodrang	01/09/1991
6	13320045	Turitar on Sankosh	Punatsangchhu	Tsirang	01/01/1992
7	13140045	Kerabari on Sankosh	Punatsangchhu	Dagana	15/02/2007
8	14580045	Bjizam on Mangdechhu	Manas (Mangdechhu)	Trongsa	20/03/1994
9	14180045	Tingtibi on Mangde Chhu	Manas (Mangdechhu)	Zhemgang	27/06/2005

10	15490045	Kurjey on Chamkharchhu	Manas (Chamkharchhu)	Bumthang	28/05/1991
11	15600045	Bemethang on Chamkharchhu (Singkhar)	Manas (Chamkharchhu)	Zhemgang	17/06/2009
12	16200045	Kurizampa on Kurichhu	Manas (Kurichhu)	Mongar	26/05/1991
13	16520045	Sumpa on Kurichhu	Manas (Kurichhu)	Lhuntshi	01/08/2007
14	17400045	Uzorong on Gongri	Manas (Dangmechhu)	Tashigang	23/02/1992
15	17670045	Muktirap on Kholong Chhu	Manas (Dangmechhu)	Trashiyangtse	09/02/2001
16	17120045	Pangbang on Dangme Chhu	Manas (Dangmechhu)	Zhemgang	01/01/2006

**Table 3: List Secondary River Gauging Stations
(Used float method to take discharge + Water level)**

Sl. No.	Station No.	Station Name	River Basin/Sub-basin	Dzongkhag	Date of establishment
1	12460045	Hachhu	Wangchhu	Haa	01/01/2000
2	12530045	Parochhu	Wangchhu	Paro	01/01/1999
3	13830045	Dokarna Phochhu	Punatsangchhu	Punakha	01/05/2008
4	14240045	Tingtibi on Dakpichhu	Manas /Mangdechhu)	Zhemgang	27/04/1989
5	16130045	Lingmethang on Maurichhu	Manas/Kurichhu	Monger	01/06/2000
6	16350045	Autsho on Kurichhu	Manas/Kurichhu	Lhuntse	01/01/1987
7	16500045	Lhuntshi on Khomachhu	Manas/Kurichhu	Lhuntse	01/01/1986
8	17410045	Sherichhu on Sherichhu	Manas/Dangmechhu	Monger	20/03/1992
9	12350045	Chimakoti Dam on Wangchhu	Manas/Chamkharchhu	Chhukha	01/01/1976
10	13260045	Sadudowa on DagaChhu	Punatsangchhu	Dagana	closed in 2012

Table 4: List Sediment Sampling Station

Sl.No.	Station N.o	Station Name/River	River Basin/Sub-basin	Dzongkhag	Remarks
1	12490045	Tamchhu on Wangchhu	Wangchhu	Chhukha	
2	13700045	Yebesa on Mochhu	Punatsangchhu	Punakha	
3	13490045	Wangdirapids on Phochhu + Mochhu	Punatsangchhu	Wangdue Phodrang	Sediment Lab at Site
4	13320045	Turitar on Sankosh	Punatsangchhu	Tsirang	
5	14580045	Bjizam on Mangdechhu	Manas (Mangdechhu)	Trongsa	
6	15490045	Kurjey on Chamkharchhu	Manas (Chamkharchhu)	Bumthang	
7	16200045	Kurizampa on Kurichhu	Manas (Kurichhu)	Mongar	Sediment Lab at

					Site
8	16520045	Sumpa on Kurichhu	Manas (Kurichhu)	Lhuntshi	
9	17400045	Uzorong on Gongri	Manas (Dangmechhu)	Tashigang	
10	17670045	Muktirap on Kholong Chhu	Manas (Dangmechhu)	Trashiyangtse	

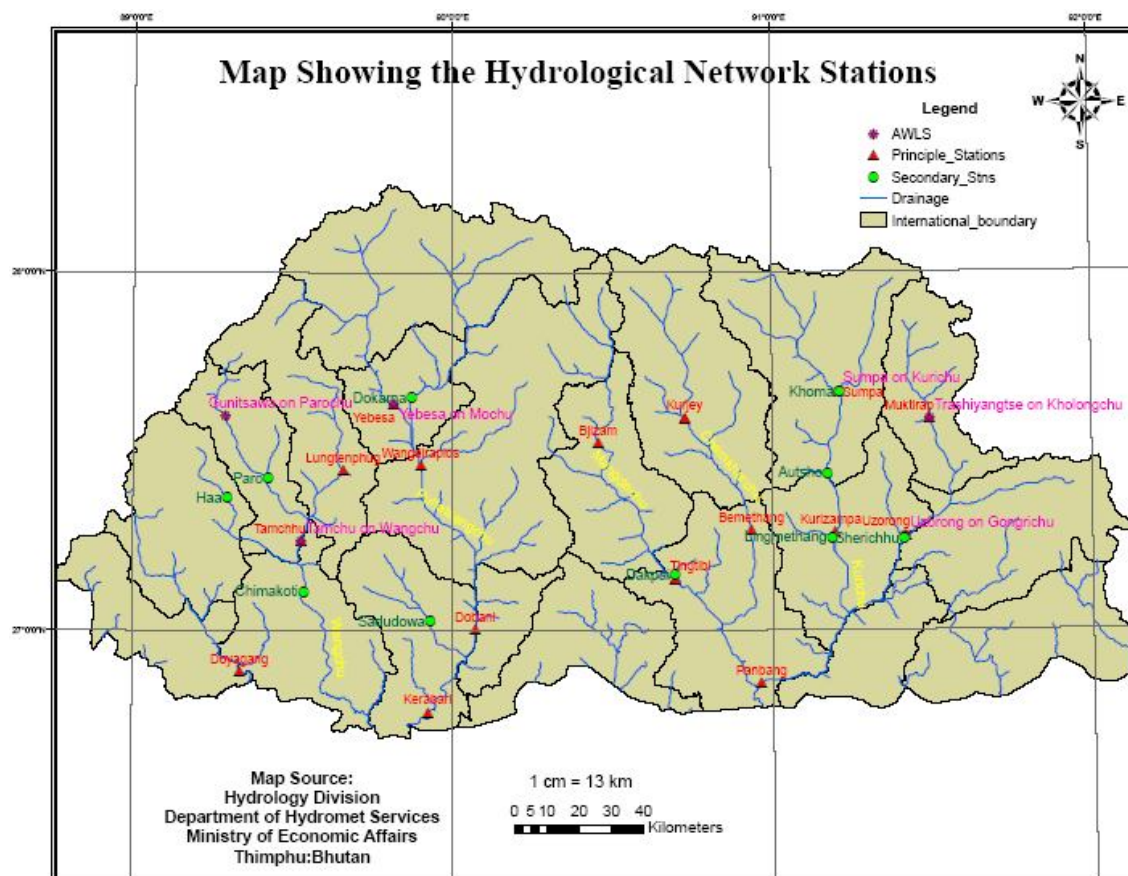


Figure 1: Map Showing the Hydrological Network Station in Bhutan