

Haripura Dam

The Haripura Dam is an earthen embankment dam, built on Bhakhara river in Udham Singh Nagar District of Uttarakhand. River Ganga is the basin area of this dam. The dam has a maximum height of 10.98 metres and length of 7.90 Kilometres. This is an irrigation dam and water of this dam irrigates Tarai area of Uttarakhand & areas of Rampur District of U.P. The nearest cities from this dam are Nainital, Haldwani, Rudrapur and Kashipur.

Salient Features

1	Name	Haripura Dam
2	District	Udham Singh Nagar
3	Tehsil	Gadarpur
4	(a) Latitude	29° ,8' N
	(b) Longitude	79° ,20' E
5	Construction Details	
(a)	Year of start of construction	1967-68
(b)	Year of Completion	1974-75
(c)	Year of First Filling & RL.	1975 /791 Ft.
6	Hydrology	
(a)	Normal Monsoon Rainfall	1500 MM
(b)	Minimal Monsoon Rainfall	547 MM
(c)	Normal Annual Rainfall	1645 MM
(d)	Name of Main Rivers	Bhakhara & Khajia
(e)	Catchment	
i	Type	Hilly & Partially Plain
ii	Area	115.0 Sq. Mile/294.4 Sq. Km
8	Length Of Dam	7.90 Km.
9	Maximum Height	36 Feet
11	RL. Of Cut in between Baur & Haripura Dams	783.50 Feet
12	Spillway Gates	
a	Type Of Spillway Gates	Vertical Gate, Counter Weight Type
B	Size of Gates	12.19 Feet/ 5.33 M.
c	No. Of Gates	03 Nos.
D	RL. Of Top Of Gates	795.79 Feet/242.56 M.
D	RL. Of I Crest of Spillway	778.50 Ft./ 237.29 M.
E	RL. Of II Crest of Spillway	774.50 Ft./ 236.07 M.
F	Designed Discharge	31000.00 Cusec.
13	Storage Details	
a	Dead Storage Level	775.00 Feet/236.22 M.
B	Full Reservoir Level	795.00 Feet/ 242.32 M.
c	Reservoir Capacity at FRL	1000 Mn.Cu.ft.
14	Details of Sluice Gates	
		Discharge / R.L.
a	Khajia Sluice	200 Cusec /769 Ft.
B	Bhakhara Sluice	550 Cusec/ 768 Ft.
c	Azaghara Sluice	25 Cusec/ 780 Ft.
15	Irrigation Data	Uttarakhand / U.P.
(a)	Length of Canals (Km.)	91.60 /199.14
(b)	C.C.A. (Hectare)	11012 / 28977
(c)	P.P.A. (Hectare)	
i	Kharif	7811 /10518

ii	Rabi	2388 /3246
16	Total Area of Reservoir	1158.00 Hect.



HARIPURA SPILLWAY



HARIPURA RESERVOIR