

Baur Dam

The Baur Dam is an earthen embankment dam, built on Baur and Kakrala rivers in Udham Singh Nagar District of Uttarakhand. River Ganga is the basin area of this dam. The dam has a maximum height of 17.98 metres and length of 9.50 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	Baur Dam
2	District	Udham Singh Nagar
3	Tehsil	Gadarpur/Bajpur
4	(a) Latitude	29° 8' E
	(b) Longitude	79° 18' E
5	Construction Details	
(a)	Year of start of construction	1961-62
(b)	Year of Completion	1966-67
(c)	Year of First Filling & RL.	1967 / 785 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	Baur & Kakrala
(e)	Catchment	
i	Type	Hilly & Tarai Bhavar
ii	Area	120.0 Sq. Mile/307.2 Sq.Km
8	Length Of Dam	9.50 Km.
9	Maximum Height	59 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	04 Nos.
D	RL. Of Top Of Gates	795.00 Feet/242.32 M.
D	RL. Of I Crest of Spillway	777.50 Ft. / 236.98 M.
E	RL. Of II Crest of Spillway	762.55 Ft. / 232.43 M.
F	Designed Discharge	50000.00 Cusec.
13	Storage Details	
A	Dead Storage Level	756.00 Feet/230.43 M.
B	Full Reservoir Level	795.00 Feet/ 242.32 M.
C	Reservoir Capacity at FRL	3650 Mn.Cuft.
14	Sluice Discharge	
		Discharge / R.L.
A	Junar Sluice	250 Cusec / 744 Ft.
B	Kakrala Sluice	400 Cusec/ 749 Ft.
15	Irrigation Data	Uttarakhand / U.P.
(a)	Length of Canals (Km.)	72.65 / 178.23
(b)	C.C.A. (Hectare)	6572 /31453

(c)	P.P.A. (Hectare)	
i	Kharif	4652 /11902
ii	Rabi	2024 / 3639
16	Total Area of Reservoir	1271.00 Hect.

A VIEW OF BAUR SPILLWAY



A VIEW OF BAUR RESERVOIR

