

Bour Dam

Location	29.1322° N, 79.2600° E
State	Uttarakhand
Nearest City	Kichha
Year of Completion	1967
Operated and Maintained by	Uttarakhand Irrigation Department
River Basin	Ganga
River	Baur Kakrala.
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	9500.0 m
Reservoir Area	16258000.0 m ²
Gross storage capacity	103368000.0 m ³
Effective storage capacity	102510000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.8 km ²
Perimeter of catchment	24.7 km
Basin Length	9959.5 m
Form factor	0.13930
Circularity ratio	0.28548
Elongation ratio	0.42100
Highest Stream order	5
Max elevation	289.0 m
Min elevation	226.0 m
Mean bifurcation ratio	5.0968
Stream frequency	92.2060 per km ²
Relief	63.00 m
Drainage density	13.3560 km/km ²
Length of overland flow	37.436 m

CATCHMENT CLIMATOLOGY

