

Baigul Dam

Location	28.8831° N, 79.6308° E
State	Uttarakhand
Nearest City	Sitarganj
Year of Completion	1968
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Baigul.
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	15300.0 m
Reservoir Area	21700000.0 m ²
Gross storage capacity	70725000.0 m ³
Effective storage capacity	66225000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	234.9 km ²
Perimeter of catchment	123.8 km
Basin Length	50542.0 m
Form factor	0.09197
Circularity ratio	0.19271
Elongation ratio	0.34208
Highest Stream order	7
Max elevation	1428.0 m
Min elevation	190.0 m
Mean bifurcation ratio	2.0861
Stream frequency	83.3970 per km ²
Relief	1238.00 m
Drainage density	11.2950 km/km ²
Length of overland flow	44.269 m

CATCHMENT CLIMATOLOGY

