

Dhauliganga Dam

Location	29.9783° N, 80.5719° E
State	Uttarakhand
Nearest City	Pithoragarh
Year of Completion	2005
Operated and Maintained by	National Hydroelectric Power Corporation
River Basin	Ganga
River	Dhauliganga.
Dam Type	Rock fill Embankment
Height above lowest foundation level	56.0 m
Dam length	270.0 m
Reservoir Area	226000.0 m ²
Gross storage capacity	6200000.0 m ³
Effective storage capacity	1540000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1330.4 km ²
Perimeter of catchment	212.7 km
Basin Length	82849.0 m
Form factor	0.19383
Circularity ratio	0.36954
Elongation ratio	0.49662
Highest Stream order	8
Max elevation	6461.0 m
Min elevation	1293.0 m
Mean bifurcation ratio	2.3611
Stream frequency	110.1700 per km ²
Relief	5168.00 m
Drainage density	17.2550 km/km ²
Length of overland flow	28.978 m

CATCHMENT CLIMATOLOGY

