

Nishanghat Dam

Location	20.8139° N, 79.1086° E
State	Maharashtra
Nearest City	Umred
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	485.0 m
Reservoir Area	46360.0 m ²
Gross storage capacity	2377000.0 m ³
Effective storage capacity	2282000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.7 km ²
Perimeter of catchment	13.6 km
Basin Length	3874.2 m
Form factor	0.51425
Circularity ratio	0.52437
Elongation ratio	0.80890
Highest Stream order	5
Max elevation	389.0 m
Min elevation	277.0 m
Mean bifurcation ratio	2.8222
Stream frequency	84.0830 per km ²
Relief	112.00 m
Drainage density	11.6830 km/km ²
Length of overland flow	42.799 m

CATCHMENT CLIMATOLOGY

