

Zotingdhar Dam

Location	20.2458° N, 78.4733° E
State	Maharashtra
Nearest City	Ralegaon
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.9 m
Dam length	395.0 m
Reservoir Area	45820.0 m ²
Gross storage capacity	2040000.0 m ³
Effective storage capacity	1920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	12.0 km
Basin Length	4395.8 m
Form factor	0.37443
Circularity ratio	0.63190
Elongation ratio	0.69023
Highest Stream order	5
Max elevation	385.0 m
Min elevation	319.0 m
Mean bifurcation ratio	3.7274
Stream frequency	75.4650 per km ²
Relief	66.00 m
Drainage density	10.0990 km/km ²
Length of overland flow	49.508 m

CATCHMENT CLIMATOLOGY

