

Ridhora Dam

Location	21.0769° N, 76.0933° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.7 m
Dam length	360.0 m
Reservoir Area	323000.0 m ²
Gross storage capacity	1087000.0 m ³
Effective storage capacity	1000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18384.0 km ²
Perimeter of catchment	757.4 km
Basin Length	205560.0 m
Form factor	0.43508
Circularity ratio	0.40287
Elongation ratio	0.74404
Highest Stream order	9
Max elevation	1151.0 m
Min elevation	198.0 m
Mean bifurcation ratio	2.1721
Stream frequency	73.3080 per km ²
Relief	953.00 m
Drainage density	9.9470 km/km ²
Length of overland flow	50.269 m

CATCHMENT CLIMATOLOGY

