

Rohini Dam

Location	21.3917° N, 75.0958° E
State	Maharashtra
Nearest City	Shirpur
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	630.0 m
Reservoir Area	34840.0 m ²
Gross storage capacity	1010000.0 m ³
Effective storage capacity	960000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.4 km ²
Perimeter of catchment	24.0 km
Basin Length	6193.5 m
Form factor	0.58318
Circularity ratio	0.48740
Elongation ratio	0.86141
Highest Stream order	6
Max elevation	349.0 m
Min elevation	258.0 m
Mean bifurcation ratio	2.6312
Stream frequency	75.3220 per km ²
Relief	91.00 m
Drainage density	10.1370 km/km ²
Length of overland flow	49.324 m

CATCHMENT CLIMATOLOGY

