

Shivankhurd Dam

Location	20.6400° N, 77.4369° E
State	Maharashtra
Nearest City	Murtizapur
Year of Completion	1995
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.2 m
Dam length	2100.0 m
Reservoir Area	1942000.0 m ²
Gross storage capacity	4663000.0 m ³
Effective storage capacity	4180000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.2 km ²
Perimeter of catchment	21.5 km
Basin Length	7975.6 m
Form factor	0.41162
Circularity ratio	0.71049
Elongation ratio	0.72369
Highest Stream order	6
Max elevation	372.0 m
Min elevation	315.0 m
Mean bifurcation ratio	5.8605
Stream frequency	73.4450 per km ²
Relief	57.00 m
Drainage density	9.8290 km/km ²
Length of overland flow	50.869 m

CATCHMENT CLIMATOLOGY

