

Khadkisim Dam

Location	20.5778° N, 74.9292° E
State	Maharashtra
Nearest City	Chalisgaon
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	1290.0 m
Reservoir Area	539800.0 m ²
Gross storage capacity	1246000.0 m ³
Effective storage capacity	1095000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.8 km ²
Perimeter of catchment	28.7 km
Basin Length	9813.6 m
Form factor	0.42383
Circularity ratio	0.62413
Elongation ratio	0.73436
Highest Stream order	6
Max elevation	392.0 m
Min elevation	310.0 m
Mean bifurcation ratio	2.6295
Stream frequency	73.8640 per km ²
Relief	82.00 m
Drainage density	9.8990 km/km ²
Length of overland flow	50.509 m

CATCHMENT CLIMATOLOGY

