

Khadkisim (Erandol) Dam

Location	20.5789° N, 74.9294° E
State	Maharashtra
Nearest City	Chalisgaon
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	1290.0 m
Reservoir Area	515270.0 m ²
Gross storage capacity	1446000.0 m ³
Effective storage capacity	1334000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.1 km ²
Perimeter of catchment	27.7 km
Basin Length	9701.1 m
Form factor	0.42639
Circularity ratio	0.65651
Elongation ratio	0.73656
Highest Stream order	6
Max elevation	392.0 m
Min elevation	310.0 m
Mean bifurcation ratio	2.6687
Stream frequency	73.8140 per km ²
Relief	82.00 m
Drainage density	9.8850 km/km ²
Length of overland flow	50.580 m

CATCHMENT CLIMATOLOGY

