

Kharade Dam

Location	19.4717° N, 73.5533° E
State	Maharashtra
Nearest City	Shahapur
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.8 m
Dam length	303.0 m
Reservoir Area	276000.0 m ²
Gross storage capacity	2316000.0 m ³
Effective storage capacity	2054000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	7.9 km
Basin Length	2254.4 m
Form factor	0.72433
Circularity ratio	0.73493
Elongation ratio	0.96002
Highest Stream order	4
Max elevation	296.0 m
Min elevation	148.0 m
Mean bifurcation ratio	2.8731
Stream frequency	74.9760 per km ²
Relief	148.00 m
Drainage density	10.1290 km/km ²
Length of overland flow	49.361 m

CATCHMENT CLIMATOLOGY

