

Khirdisathe Dam

Location	20.1408° N, 74.5636° E
State	Maharashtra
Nearest City	Yeola
Year of Completion	1904
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Nardi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	765.0 m
Reservoir Area	1141000.0 m ²
Gross storage capacity	2010000.0 m ³
Effective storage capacity	1840000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.0 km ²
Perimeter of catchment	19.6 km
Basin Length	4765.9 m
Form factor	0.74700
Circularity ratio	0.55802
Elongation ratio	0.97492
Highest Stream order	5
Max elevation	671.0 m
Min elevation	607.0 m
Mean bifurcation ratio	2.8500
Stream frequency	76.3240 per km ²
Relief	64.00 m
Drainage density	10.4900 km/km ²
Length of overland flow	47.665 m

CATCHMENT CLIMATOLOGY

