

Khirdi Dam

Location	20.1111° N, 75.0350° E
State	Maharashtra
Nearest City	Vaijapur
Year of Completion	1988
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	1874.0 m
Reservoir Area	1250000.0 m ²
Gross storage capacity	2950000.0 m ³
Effective storage capacity	2610000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.8 km ²
Perimeter of catchment	31.5 km
Basin Length	14218.0 m
Form factor	0.13238
Circularity ratio	0.33881
Elongation ratio	0.41041
Highest Stream order	5
Max elevation	774.0 m
Min elevation	549.0 m
Mean bifurcation ratio	1.9929
Stream frequency	72.4550 per km ²
Relief	225.00 m
Drainage density	9.8270 km/km ²
Length of overland flow	50.881 m

CATCHMENT CLIMATOLOGY

