

Kolwadi Dam

Location	20.2500° N, 75.0325° E
State	Maharashtra
Nearest City	Kannad
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	798.0 m
Reservoir Area	702000.0 m ²
Gross storage capacity	2159000.0 m ³
Effective storage capacity	1832000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.3 km ²
Perimeter of catchment	22.7 km
Basin Length	6053.5 m
Form factor	0.55310
Circularity ratio	0.49610
Elongation ratio	0.83890
Highest Stream order	5
Max elevation	823.0 m
Min elevation	679.0 m
Mean bifurcation ratio	2.3975
Stream frequency	79.7300 per km ²
Relief	144.00 m
Drainage density	11.0640 km/km ²
Length of overland flow	45.192 m

CATCHMENT CLIMATOLOGY

