

Nirala Dam

Location	19.8053° N, 78.1681° E
State	Maharashtra
Nearest City	Kinwat
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	1136.0 m
Reservoir Area	512000.0 m ²
Gross storage capacity	2512000.0 m ³
Effective storage capacity	2262000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.7 km ²
Perimeter of catchment	17.9 km
Basin Length	5170.1 m
Form factor	0.55014
Circularity ratio	0.57565
Elongation ratio	0.83665
Highest Stream order	5
Max elevation	585.0 m
Min elevation	308.0 m
Mean bifurcation ratio	2.5295
Stream frequency	84.4620 per km ²
Relief	277.00 m
Drainage density	12.2120 km/km ²
Length of overland flow	40.944 m

CATCHMENT CLIMATOLOGY

