

Loni Dhawalgiri Dam

Location	21.4067° N, 78.1836° E
State	Maharashtra
Nearest City	Warud
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.9 m
Dam length	2850.0 m
Reservoir Area	2428300.0 m ²
Gross storage capacity	7930000.0 m ³
Effective storage capacity	6390000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	8.7 km
Basin Length	2906.2 m
Form factor	0.38326
Circularity ratio	0.53862
Elongation ratio	0.69832
Highest Stream order	4
Max elevation	397.0 m
Min elevation	367.0 m
Mean bifurcation ratio	2.0273
Stream frequency	73.8340 per km ²
Relief	30.00 m
Drainage density	9.0620 km/km ²
Length of overland flow	55.179 m

CATCHMENT CLIMATOLOGY

