

## Lodhare Dam

Location	20.2667° N, 74.9186° E
State	Maharashtra
Nearest City	Shahada
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	20.5 m
Dam length	870.0 m
Reservoir Area	62000.0 m <sup>2</sup>
Gross storage capacity	3050000.0 m <sup>3</sup>
Effective storage capacity	2740000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.0 km <sup>2</sup>
Perimeter of catchment	5.6 km
Basin Length	1339.0 m
Form factor	0.55466
Circularity ratio	0.40224
Elongation ratio	0.84008
Highest Stream order	3
Max elevation	788.0 m
Min elevation	639.0 m
Mean bifurcation ratio	3.2512
Stream frequency	87.4880 per km <sup>2</sup>
Relief	149.00 m
Drainage density	10.1220 km/km <sup>2</sup>
Length of overland flow	49.395 m

## CATCHMENT CLIMATOLOGY

