

## Malatwadi Dam

Location	15.9958° N, 74.3425° E
State	Maharashtra
Nearest City	Chandagad
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.1 m
Dam length	325.0 m
Reservoir Area	170640.0 m <sup>2</sup>
Gross storage capacity	1524000.0 m <sup>3</sup>
Effective storage capacity	1109000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km <sup>2</sup>
Perimeter of catchment	12.1 km
Basin Length	3327.8 m
Form factor	0.41781
Circularity ratio	0.40032
Elongation ratio	0.72912
Highest Stream order	4
Max elevation	855.0 m
Min elevation	706.0 m
Mean bifurcation ratio	3.8585
Stream frequency	80.1820 per km <sup>2</sup>
Relief	149.00 m
Drainage density	11.2090 km/km <sup>2</sup>
Length of overland flow	44.606 m

## CATCHMENT CLIMATOLOGY

