

## Massawadi Dam

Location	18.7794° N, 75.6825° E
State	Maharashtra
Nearest City	Bid
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	995.0 m
Reservoir Area	98000.0 m <sup>2</sup>
Gross storage capacity	1582000.0 m <sup>3</sup>
Effective storage capacity	1573000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.1 km <sup>2</sup>
Perimeter of catchment	24.3 km
Basin Length	8369.9 m
Form factor	0.44334
Circularity ratio	0.66014
Elongation ratio	0.75106
Highest Stream order	5
Max elevation	792.0 m
Min elevation	715.0 m
Mean bifurcation ratio	2.2999
Stream frequency	72.7680 per km <sup>2</sup>
Relief	77.00 m
Drainage density	9.9410 km/km <sup>2</sup>
Length of overland flow	50.297 m

## CATCHMENT CLIMATOLOGY

