

## Mahamadwadi Dam

Location	16.2079° N, 73.8825° E
State	Maharashtra
Nearest City	Kankavali
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Gad
Dam Type	Earthfill Embankment
Height above lowest foundation level	66.4 m
Dam length	1790.0 m
Reservoir Area	5530000.0 m <sup>2</sup>
Gross storage capacity	123740000.0 m <sup>3</sup>
Effective storage capacity	119162000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km <sup>2</sup>
Perimeter of catchment	6.8 km
Basin Length	2311.2 m
Form factor	0.40278
Circularity ratio	0.58527
Elongation ratio	0.71588
Highest Stream order	4
Max elevation	476.0 m
Min elevation	136.0 m
Mean bifurcation ratio	2.4980
Stream frequency	82.2670 per km <sup>2</sup>
Relief	340.00 m
Drainage density	11.4660 km/km <sup>2</sup>
Length of overland flow	43.608 m

## CATCHMENT CLIMATOLOGY

