

## Makardhokada Dam

Location	20.8661° N, 79.2128° E
State	Maharashtra
Nearest City	Umrer
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Amb
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.8 m
Dam length	1654.0 m
Reservoir Area	322000.0 m <sup>2</sup>
Gross storage capacity	18380000.0 m <sup>3</sup>
Effective storage capacity	15950000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	62.4 km <sup>2</sup>
Perimeter of catchment	39.0 km
Basin Length	12360.0 m
Form factor	0.40829
Circularity ratio	0.51614
Elongation ratio	0.72076
Highest Stream order	6
Max elevation	408.0 m
Min elevation	286.0 m
Mean bifurcation ratio	3.2769
Stream frequency	79.3380 per km <sup>2</sup>
Relief	122.00 m
Drainage density	11.1820 km/km <sup>2</sup>
Length of overland flow	44.713 m

## CATCHMENT CLIMATOLOGY

