

## Mandave (Solapur) Dam

Location	17.8614° N, 74.7714° E
State	Maharashtra
Nearest City	Malshiras
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.1 m
Dam length	940.0 m
Reservoir Area	498000.0 m <sup>2</sup>
Gross storage capacity	1497000.0 m <sup>3</sup>
Effective storage capacity	1410000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	63.2 km <sup>2</sup>
Perimeter of catchment	35.6 km
Basin Length	11994.0 m
Form factor	0.43955
Circularity ratio	0.62709
Elongation ratio	0.74785
Highest Stream order	6
Max elevation	827.0 m
Min elevation	542.0 m
Mean bifurcation ratio	2.4963
Stream frequency	75.6880 per km <sup>2</sup>
Relief	285.00 m
Drainage density	10.5290 km/km <sup>2</sup>
Length of overland flow	47.486 m

## CATCHMENT CLIMATOLOGY

