

## Sundi Dam

Location	15.9261° N, 74.3819° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.0 m
Dam length	535.0 m
Reservoir Area	31865.0 m <sup>2</sup>
Gross storage capacity	2580000.0 m <sup>3</sup>
Effective storage capacity	2290000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.1 km <sup>2</sup>
Perimeter of catchment	10.4 km
Basin Length	3429.2 m
Form factor	0.51932
Circularity ratio	0.70763
Elongation ratio	0.81288
Highest Stream order	5
Max elevation	993.0 m
Min elevation	745.0 m
Mean bifurcation ratio	3.2313
Stream frequency	83.8410 per km <sup>2</sup>
Relief	248.00 m
Drainage density	12.3990 km/km <sup>2</sup>
Length of overland flow	40.325 m

## CATCHMENT CLIMATOLOGY

