

## Sirsadi Dam

Location	17.8928° N, 73.3314° E
State	Maharashtra
Nearest City	Dapoli
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.2 m
Dam length	660.0 m
Reservoir Area	462280.0 m <sup>2</sup>
Gross storage capacity	4408000.0 m <sup>3</sup>
Effective storage capacity	4352000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.6 km <sup>2</sup>
Perimeter of catchment	7.7 km
Basin Length	2066.3 m
Form factor	0.84931
Circularity ratio	0.76792
Elongation ratio	1.03950
Highest Stream order	4
Max elevation	389.0 m
Min elevation	101.0 m
Mean bifurcation ratio	2.7581
Stream frequency	90.4510 per km <sup>2</sup>
Relief	288.00 m
Drainage density	13.1590 km/km <sup>2</sup>
Length of overland flow	37.997 m

## CATCHMENT CLIMATOLOGY

