

## Saradwadi Dam

Location	19.8436° N, 73.9658° E
State	Maharashtra
Nearest City	Sinnar.
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Shiv
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	970.0 m
Reservoir Area	707000.0 m <sup>2</sup>
Gross storage capacity	2182000.0 m <sup>3</sup>
Effective storage capacity	1848000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.1 km <sup>2</sup>
Perimeter of catchment	27.9 km
Basin Length	6936.4 m
Form factor	0.70846
Circularity ratio	0.55239
Elongation ratio	0.94944
Highest Stream order	6
Max elevation	815.0 m
Min elevation	667.0 m
Mean bifurcation ratio	2.2504
Stream frequency	78.5950 per km <sup>2</sup>
Relief	148.00 m
Drainage density	11.0790 km/km <sup>2</sup>
Length of overland flow	45.129 m

## CATCHMENT CLIMATOLOGY

