

## Sutarwadi Dam

Location	18.4225° N, 73.2847° E
State	Maharashtra
Nearest City	Roha
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.4 m
Dam length	300.8 m
Reservoir Area	565000.0 m <sup>2</sup>
Gross storage capacity	2319000.0 m <sup>3</sup>
Effective storage capacity	2264000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km <sup>2</sup>
Perimeter of catchment	16.3 km
Basin Length	5339.4 m
Form factor	0.37093
Circularity ratio	0.49982
Elongation ratio	0.68700
Highest Stream order	5
Max elevation	281.0 m
Min elevation	59.0 m
Mean bifurcation ratio	2.4591
Stream frequency	71.5860 per km <sup>2</sup>
Relief	222.00 m
Drainage density	9.4630 km/km <sup>2</sup>
Length of overland flow	52.839 m

## CATCHMENT CLIMATOLOGY

