

## Sakharpa Dam

Location	16.9975° N, 73.6944° E
State	Maharashtra
Nearest City	Sangneshwar
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.5 m
Dam length	346.0 m
Reservoir Area	255860.0 m <sup>2</sup>
Gross storage capacity	3692000.0 m <sup>3</sup>
Effective storage capacity	3610000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.3 km <sup>2</sup>
Perimeter of catchment	8.8 km
Basin Length	2907.1 m
Form factor	0.50766
Circularity ratio	0.70310
Elongation ratio	0.80370
Highest Stream order	4
Max elevation	394.0 m
Min elevation	82.0 m
Mean bifurcation ratio	2.8457
Stream frequency	86.4700 per km <sup>2</sup>
Relief	312.00 m
Drainage density	12.6720 km/km <sup>2</sup>
Length of overland flow	39.456 m

## CATCHMENT CLIMATOLOGY

