

## Savatri Dam

Location	17.9792° N, 73.4808° E
State	Maharashtra
Nearest City	Poladpur
Year of Completion	1999
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Savitri
Dam Type	Other
Height above lowest foundation level	33.6 m
Dam length	320.0 m
Reservoir Area	2700000.0 m <sup>2</sup>
Gross storage capacity	29450000.0 m <sup>3</sup>
Effective storage capacity	26360000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	191.6 km <sup>2</sup>
Perimeter of catchment	62.0 km
Basin Length	21124.0 m
Form factor	0.42936
Circularity ratio	0.62604
Elongation ratio	0.73912
Highest Stream order	7
Max elevation	1385.0 m
Min elevation	33.0 m
Mean bifurcation ratio	3.5786
Stream frequency	87.9980 per km <sup>2</sup>
Relief	1352.00 m
Drainage density	13.4820 km/km <sup>2</sup>
Length of overland flow	37.086 m

## CATCHMENT CLIMATOLOGY

