

## Sooni Dam

Location	20.1553° N, 78.3133° E
State	Maharashtra
Nearest City	Ghatanji
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	684.0 m
Reservoir Area	0.0 m <sup>2</sup>
Gross storage capacity	1990000.0 m <sup>3</sup>
Effective storage capacity	1920000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	559.9 km <sup>2</sup>
Perimeter of catchment	119.6 km
Basin Length	36758.0 m
Form factor	0.41441
Circularity ratio	0.49233
Elongation ratio	0.72615
Highest Stream order	7
Max elevation	465.0 m
Min elevation	273.0 m
Mean bifurcation ratio	2.9201
Stream frequency	74.6570 per km <sup>2</sup>
Relief	192.00 m
Drainage density	10.2500 km/km <sup>2</sup>
Length of overland flow	48.781 m

## CATCHMENT CLIMATOLOGY

