

## Sonkhas Dam

Location	20.2869° N, 77.3247° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Khanday
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	330.0 m
Reservoir Area	253000.0 m <sup>2</sup>
Gross storage capacity	1440000.0 m <sup>3</sup>
Effective storage capacity	1359000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.9 km <sup>2</sup>
Perimeter of catchment	6.2 km
Basin Length	1313.3 m
Form factor	1.08040
Circularity ratio	0.61462
Elongation ratio	1.17250
Highest Stream order	4
Max elevation	490.0 m
Min elevation	449.0 m
Mean bifurcation ratio	2.4984
Stream frequency	77.2770 per km <sup>2</sup>
Relief	41.00 m
Drainage density	10.2640 km/km <sup>2</sup>
Length of overland flow	48.716 m

## CATCHMENT CLIMATOLOGY

