

## Sonpethwadi Dam

Location	18.8653° N, 75.8242° E
State	Maharashtra
Nearest City	Mukhed
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.1 m
Dam length	795.0 m
Reservoir Area	398000.0 m <sup>2</sup>
Gross storage capacity	1605000.0 m <sup>3</sup>
Effective storage capacity	1448000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.8 km <sup>2</sup>
Perimeter of catchment	16.4 km
Basin Length	5501.0 m
Form factor	0.55679
Circularity ratio	0.78795
Elongation ratio	0.84169
Highest Stream order	5
Max elevation	748.0 m
Min elevation	678.0 m
Mean bifurcation ratio	2.2977
Stream frequency	77.0390 per km <sup>2</sup>
Relief	70.00 m
Drainage density	10.5320 km/km <sup>2</sup>
Length of overland flow	47.474 m

## CATCHMENT CLIMATOLOGY

