

Sonegaon Dam

Location	18.9625° N, 77.1094° E
State	Maharashtra
Nearest City	Kandhar
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1337.0 m
Reservoir Area	453000.0 m ²
Gross storage capacity	1932000.0 m ³
Effective storage capacity	1760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.9 km ²
Perimeter of catchment	22.8 km
Basin Length	7395.5 m
Form factor	0.52831
Circularity ratio	0.69855
Elongation ratio	0.81989
Highest Stream order	6
Max elevation	496.0 m
Min elevation	378.0 m
Mean bifurcation ratio	6.0383
Stream frequency	78.8370 per km ²
Relief	118.00 m
Drainage density	11.0970 km/km ²
Length of overland flow	45.057 m

CATCHMENT CLIMATOLOGY

