

## Sonari Dam

Location	18.3592° N, 75.4350° E
State	Maharashtra
Nearest City	Osmanabad
Year of Completion	1965
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	938.0 m
Reservoir Area	453000.0 m <sup>2</sup>
Gross storage capacity	1488000.0 m <sup>3</sup>
Effective storage capacity	1299000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.1 km <sup>2</sup>
Perimeter of catchment	21.6 km
Basin Length	7516.8 m
Form factor	0.42738
Circularity ratio	0.65250
Elongation ratio	0.73742
Highest Stream order	6
Max elevation	581.0 m
Min elevation	507.0 m
Mean bifurcation ratio	2.3915
Stream frequency	75.7420 per km <sup>2</sup>
Relief	74.00 m
Drainage density	10.2770 km/km <sup>2</sup>
Length of overland flow	48.653 m

## CATCHMENT CLIMATOLOGY

