

## Sarola (Osmanabad) Dam

Location	18.2028° N, 76.1469° E
State	Maharashtra
Nearest City	Osmanabad
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	995.0 m
Reservoir Area	607920.0 m <sup>2</sup>
Gross storage capacity	1442000.0 m <sup>3</sup>
Effective storage capacity	1312000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km <sup>2</sup>
Perimeter of catchment	7.9 km
Basin Length	2344.7 m
Form factor	0.63319
Circularity ratio	0.70027
Elongation ratio	0.89758
Highest Stream order	4
Max elevation	679.0 m
Min elevation	649.0 m
Mean bifurcation ratio	2.5488
Stream frequency	71.5320 per km <sup>2</sup>
Relief	30.00 m
Drainage density	9.4680 km/km <sup>2</sup>
Length of overland flow	52.807 m

## CATCHMENT CLIMATOLOGY

