

Sarola Dam

Location	18.2539° N, 76.5703° E
State	Maharashtra
Nearest City	Ausa
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	1580.0 m
Reservoir Area	1550000.0 m ²
Gross storage capacity	3478000.0 m ³
Effective storage capacity	3106000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	33.8 km ²
Perimeter of catchment	23.3 km
Basin Length	7021.0 m
Form factor	0.68521
Circularity ratio	0.78147
Elongation ratio	0.93373
Highest Stream order	6
Max elevation	682.0 m
Min elevation	606.0 m
Mean bifurcation ratio	2.9176
Stream frequency	77.1820 per km ²
Relief	76.00 m
Drainage density	10.8890 km/km ²
Length of overland flow	45.918 m

CATCHMENT CLIMATOLOGY

