

Surnerwadi Dam

Location	18.8728° N, 76.2047° E
State	Maharashtra
Nearest City	Dharur
Year of Completion	2012
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.1 m
Dam length	279.0 m
Reservoir Area	292740.0 m ²
Gross storage capacity	1780000.0 m ³
Effective storage capacity	1615000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.5 km ²
Perimeter of catchment	12.3 km
Basin Length	4212.4 m
Form factor	0.53415
Circularity ratio	0.78855
Elongation ratio	0.82441
Highest Stream order	5
Max elevation	725.0 m
Min elevation	570.0 m
Mean bifurcation ratio	3.7032
Stream frequency	70.2650 per km ²
Relief	155.00 m
Drainage density	9.1630 km/km ²
Length of overland flow	54.566 m

CATCHMENT CLIMATOLOGY

