

Suregaon Dam

Location	19.9119° N, 74.3231° E
State	Maharashtra
Nearest City	Aundha
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	960.0 m
Reservoir Area	640000.0 m ²
Gross storage capacity	1752000.0 m ³
Effective storage capacity	1632000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.3 km ²
Perimeter of catchment	25.0 km
Basin Length	8852.1 m
Form factor	0.41272
Circularity ratio	0.64966
Elongation ratio	0.72467
Highest Stream order	5
Max elevation	557.0 m
Min elevation	501.0 m
Mean bifurcation ratio	4.3189
Stream frequency	70.0970 per km ²
Relief	56.00 m
Drainage density	9.2900 km/km ²
Length of overland flow	53.821 m

CATCHMENT CLIMATOLOGY

