

Sawangi Dam

Location	20.8958° N, 78.3092° E
State	Maharashtra
Nearest City	Arvi
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	795.5 m
Reservoir Area	703000.0 m ²
Gross storage capacity	2070000.0 m ³
Effective storage capacity	1980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.4 km ²
Perimeter of catchment	12.6 km
Basin Length	3863.3 m
Form factor	0.63195
Circularity ratio	0.74887
Elongation ratio	0.89671
Highest Stream order	5
Max elevation	379.0 m
Min elevation	293.0 m
Mean bifurcation ratio	2.4703
Stream frequency	78.7770 per km ²
Relief	86.00 m
Drainage density	10.8080 km/km ²
Length of overland flow	46.261 m

CATCHMENT CLIMATOLOGY

