

Somdurg Dam

Location	18.2539° N, 76.4294° E
State	Maharashtra
Nearest City	Ausa
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	1120.0 m
Reservoir Area	112000.0 m ²
Gross storage capacity	2089000.0 m ³
Effective storage capacity	1889000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.2 km ²
Perimeter of catchment	14.1 km
Basin Length	3882.8 m
Form factor	0.87321
Circularity ratio	0.83140
Elongation ratio	1.05410
Highest Stream order	5
Max elevation	678.0 m
Min elevation	632.0 m
Mean bifurcation ratio	2.2190
Stream frequency	72.9240 per km ²
Relief	46.00 m
Drainage density	9.6640 km/km ²
Length of overland flow	51.736 m

CATCHMENT CLIMATOLOGY

