

Surabardi Dam

Location	21.1583° N, 78.9358° E
State	Maharashtra
Nearest City	Hingana
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	945.0 m
Reservoir Area	75390.0 m ²
Gross storage capacity	2365000.0 m ³
Effective storage capacity	2285000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km ²
Perimeter of catchment	10.9 km
Basin Length	3428.1 m
Form factor	0.59729
Circularity ratio	0.73630
Elongation ratio	0.87177
Highest Stream order	4
Max elevation	382.0 m
Min elevation	331.0 m
Mean bifurcation ratio	2.7186
Stream frequency	80.0660 per km ²
Relief	51.00 m
Drainage density	11.1680 km/km ²
Length of overland flow	44.770 m

CATCHMENT CLIMATOLOGY

