

Sarwadi Dam

Location	19.7183° N, 76.2033° E
State	Maharashtra
Nearest City	Jalna
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	1393.0 m
Reservoir Area	1050000.0 m ²
Gross storage capacity	2270000.0 m ³
Effective storage capacity	2080000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.7 km ²
Perimeter of catchment	23.1 km
Basin Length	10031.0 m
Form factor	0.20528
Circularity ratio	0.48804
Elongation ratio	0.51107
Highest Stream order	5
Max elevation	655.0 m
Min elevation	450.0 m
Mean bifurcation ratio	2.3698
Stream frequency	77.8500 per km ²
Relief	205.00 m
Drainage density	10.9050 km/km ²
Length of overland flow	45.850 m

CATCHMENT CLIMATOLOGY

