

Ratanwadi Dam

Location	20.1139° N, 77.5322° E
State	Maharashtra
Nearest City	Manora
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	380.0 m
Reservoir Area	15600.0 m ²
Gross storage capacity	1280000.0 m ³
Effective storage capacity	1220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.6 km ²
Perimeter of catchment	11.1 km
Basin Length	3422.7 m
Form factor	0.64812
Circularity ratio	0.77441
Elongation ratio	0.90811
Highest Stream order	5
Max elevation	539.0 m
Min elevation	444.0 m
Mean bifurcation ratio	7.3141
Stream frequency	73.8860 per km ²
Relief	95.00 m
Drainage density	9.8590 km/km ²
Length of overland flow	50.717 m

CATCHMENT CLIMATOLOGY

