

Ranisawargaon Dam

Location	18.8500° N, 76.8761° E
State	Maharashtra
Nearest City	Gangakhed
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	728.0 m
Reservoir Area	330000.0 m ²
Gross storage capacity	1273000.0 m ³
Effective storage capacity	1152000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.7 km ²
Perimeter of catchment	15.0 km
Basin Length	5451.2 m
Form factor	0.36119
Circularity ratio	0.59664
Elongation ratio	0.67792
Highest Stream order	5
Max elevation	541.0 m
Min elevation	428.0 m
Mean bifurcation ratio	6.9617
Stream frequency	79.3810 per km ²
Relief	113.00 m
Drainage density	11.0550 km/km ²
Length of overland flow	45.230 m

CATCHMENT CLIMATOLOGY

