

Gorewada Dam

Location	21.1981° N, 79.0456° E
State	Maharashtra
Nearest City	Nagpur
Year of Completion	1911
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Poli River
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.4 m
Dam length	710.0 m
Reservoir Area	1920000.0 m ²
Gross storage capacity	8840000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.3 km ²
Perimeter of catchment	25.0 km
Basin Length	8964.4 m
Form factor	0.36471
Circularity ratio	0.59040
Elongation ratio	0.68121
Highest Stream order	5
Max elevation	382.0 m
Min elevation	301.0 m
Mean bifurcation ratio	2.1623
Stream frequency	78.9210 per km ²
Relief	81.00 m
Drainage density	10.9280 km/km ²
Length of overland flow	45.752 m

CATCHMENT CLIMATOLOGY

