

Shindewadi (G) Dam

Location	19.1950° N, 75.8053° E
State	Maharashtra
Nearest City	Gevrai
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	840.0 m
Reservoir Area	530000.0 m ²
Gross storage capacity	1821000.0 m ³
Effective storage capacity	1627000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.7 km ²
Perimeter of catchment	18.2 km
Basin Length	6613.7 m
Form factor	0.40517
Circularity ratio	0.67395
Elongation ratio	0.71800
Highest Stream order	5
Max elevation	524.0 m
Min elevation	476.0 m
Mean bifurcation ratio	2.2077
Stream frequency	74.8210 per km ²
Relief	48.00 m
Drainage density	10.4010 km/km ²
Length of overland flow	48.072 m

CATCHMENT CLIMATOLOGY

