

## Girsawadi Dam

Location	20.0842° N, 75.5519° E
State	Maharashtra
Nearest City	Phulambri
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.7 m
Dam length	850.0 m
Reservoir Area	220000.0 m <sup>2</sup>
Gross storage capacity	590000.0 m <sup>3</sup>
Effective storage capacity	540000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.7 km <sup>2</sup>
Perimeter of catchment	15.4 km
Basin Length	5968.6 m
Form factor	0.24326
Circularity ratio	0.45992
Elongation ratio	0.55634
Highest Stream order	5
Max elevation	850.0 m
Min elevation	638.0 m
Mean bifurcation ratio	3.5844
Stream frequency	81.8170 per km <sup>2</sup>
Relief	212.00 m
Drainage density	11.7780 km/km <sup>2</sup>
Length of overland flow	42.453 m

## CATCHMENT CLIMATOLOGY

