

## Goradwadi Dam

Location	17.7589° N, 74.8803° E
State	Maharashtra
Nearest City	Malshiras
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	530.0 m
Reservoir Area	510000.0 m <sup>2</sup>
Gross storage capacity	1099000.0 m <sup>3</sup>
Effective storage capacity	950000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.6 km <sup>2</sup>
Perimeter of catchment	7.4 km
Basin Length	1696.0 m
Form factor	1.25600
Circularity ratio	0.81828
Elongation ratio	1.26410
Highest Stream order	5
Max elevation	657.0 m
Min elevation	574.0 m
Mean bifurcation ratio	4.4795
Stream frequency	85.2570 per km <sup>2</sup>
Relief	83.00 m
Drainage density	11.5020 km/km <sup>2</sup>
Length of overland flow	43.472 m

## CATCHMENT CLIMATOLOGY

