

## Gogadi Nalla Dam

Location	20.6758° N, 75.6642° E
State	Maharashtra
Nearest City	Jamner
Year of Completion	1997
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Gogadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	1530.0 m
Reservoir Area	911100.0 m <sup>2</sup>
Gross storage capacity	3437000.0 m <sup>3</sup>
Effective storage capacity	2561000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	51.8 km <sup>2</sup>
Perimeter of catchment	34.3 km
Basin Length	13322.0 m
Form factor	0.29192
Circularity ratio	0.55363
Elongation ratio	0.60945
Highest Stream order	5
Max elevation	668.0 m
Min elevation	292.0 m
Mean bifurcation ratio	2.1534
Stream frequency	74.8520 per km <sup>2</sup>
Relief	376.00 m
Drainage density	10.1210 km/km <sup>2</sup>
Length of overland flow	49.400 m

## CATCHMENT CLIMATOLOGY

