

## Gothangaon Dam

Location	20.9053° N, 79.5336° E
State	Maharashtra
Nearest City	Kuhi
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	1303.0 m
Reservoir Area	604800.0 m <sup>2</sup>
Gross storage capacity	2200000.0 m <sup>3</sup>
Effective storage capacity	2099000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.4 km <sup>2</sup>
Perimeter of catchment	13.2 km
Basin Length	3624.5 m
Form factor	0.71892
Circularity ratio	0.67753
Elongation ratio	0.95642
Highest Stream order	5
Max elevation	326.0 m
Min elevation	242.0 m
Mean bifurcation ratio	8.9584
Stream frequency	81.0000 per km <sup>2</sup>
Relief	84.00 m
Drainage density	11.2530 km/km <sup>2</sup>
Length of overland flow	44.431 m

## CATCHMENT CLIMATOLOGY

