

## Garadgaon Dam

Location	20.4933° N, 76.5064° E
State	Maharashtra
Nearest City	Khamgaon
Year of Completion	1994
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Bordi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	1265.0 m
Reservoir Area	95000.0 m <sup>2</sup>
Gross storage capacity	2690000.0 m <sup>3</sup>
Effective storage capacity	2270000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	38.2 km <sup>2</sup>
Perimeter of catchment	31.4 km
Basin Length	11664.0 m
Form factor	0.28068
Circularity ratio	0.48608
Elongation ratio	0.59761
Highest Stream order	5
Max elevation	597.0 m
Min elevation	443.0 m
Mean bifurcation ratio	2.2141
Stream frequency	74.1100 per km <sup>2</sup>
Relief	154.00 m
Drainage density	10.0850 km/km <sup>2</sup>
Length of overland flow	49.577 m

## CATCHMENT CLIMATOLOGY

