

## Gawandgaon Dam

Location	20.4164° N, 76.7664° E
State	Maharashtra
Nearest City	Patur
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	660.0 m
Reservoir Area	480000.0 m <sup>2</sup>
Gross storage capacity	1120000.0 m <sup>3</sup>
Effective storage capacity	1050000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	111.2 km <sup>2</sup>
Perimeter of catchment	51.6 km
Basin Length	19049.0 m
Form factor	0.30640
Circularity ratio	0.52454
Elongation ratio	0.62438
Highest Stream order	6
Max elevation	562.0 m
Min elevation	350.0 m
Mean bifurcation ratio	2.2966
Stream frequency	76.5990 per km <sup>2</sup>
Relief	212.00 m
Drainage density	10.6780 km/km <sup>2</sup>
Length of overland flow	46.827 m

## CATCHMENT CLIMATOLOGY

