

## Yengaon Dam

Location	20.8650° N, 76.0486° E
State	Maharashtra
Nearest City	Bhusawal
Year of Completion	1988
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	1149.0 m
Reservoir Area	137232.0 m <sup>2</sup>
Gross storage capacity	165696000.0 m <sup>3</sup>
Effective storage capacity	1220000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.8 km <sup>2</sup>
Perimeter of catchment	24.8 km
Basin Length	8754.4 m
Form factor	0.36283
Circularity ratio	0.56961
Elongation ratio	0.67946
Highest Stream order	5
Max elevation	337.0 m
Min elevation	276.0 m
Mean bifurcation ratio	2.2426
Stream frequency	68.9750 per km <sup>2</sup>
Relief	61.00 m
Drainage density	8.9680 km/km <sup>2</sup>
Length of overland flow	55.756 m

## CATCHMENT CLIMATOLOGY

