

## Pimpar Dam

Location	17.3892° N, 73.2750° E
State	Maharashtra
Nearest City	Guhagar
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	35.0 m
Dam length	285.0 m
Reservoir Area	270000.0 m <sup>2</sup>
Gross storage capacity	1881000.0 m <sup>3</sup>
Effective storage capacity	1862000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.6 km <sup>2</sup>
Perimeter of catchment	6.2 km
Basin Length	1336.3 m
Form factor	0.88002
Circularity ratio	0.51847
Elongation ratio	1.05820
Highest Stream order	4
Max elevation	208.0 m
Min elevation	105.0 m
Mean bifurcation ratio	2.6799
Stream frequency	76.3590 per km <sup>2</sup>
Relief	103.00 m
Drainage density	9.9500 km/km <sup>2</sup>
Length of overland flow	50.251 m

## CATCHMENT CLIMATOLOGY

