

## Pimpalgaon Dam

Location	20.6772° N, 74.7367° E
State	Maharashtra
Nearest City	Jamner
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	540.0 m
Reservoir Area	450000.0 m <sup>2</sup>
Gross storage capacity	9000000.0 m <sup>3</sup>
Effective storage capacity	820000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.5 km <sup>2</sup>
Perimeter of catchment	34.9 km
Basin Length	13495.0 m
Form factor	0.19476
Circularity ratio	0.36629
Elongation ratio	0.49780
Highest Stream order	5
Max elevation	466.0 m
Min elevation	356.0 m
Mean bifurcation ratio	2.2137
Stream frequency	72.6300 per km <sup>2</sup>
Relief	110.00 m
Drainage density	9.7230 km/km <sup>2</sup>
Length of overland flow	51.423 m

## CATCHMENT CLIMATOLOGY

