

## Pimpri (Malegaon) Dam

Location	20.5864° N, 75.5475° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	3466.0 m
Reservoir Area	84481.0 m <sup>2</sup>
Gross storage capacity	2940000.0 m <sup>3</sup>
Effective storage capacity	2620000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.7 km <sup>2</sup>
Perimeter of catchment	16.9 km
Basin Length	6615.7 m
Form factor	0.28931
Circularity ratio	0.55584
Elongation ratio	0.60672
Highest Stream order	5
Max elevation	673.0 m
Min elevation	320.0 m
Mean bifurcation ratio	2.4445
Stream frequency	82.4490 per km <sup>2</sup>
Relief	353.00 m
Drainage density	11.4430 km/km <sup>2</sup>
Length of overland flow	43.693 m

## CATCHMENT CLIMATOLOGY

