

## Pimpalgaon Hande Dam

Location	20.4566° N, 77.2982° E
State	Maharashtra
Nearest City	Barshi Takali
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	635.0 m
Reservoir Area	450000.0 m <sup>2</sup>
Gross storage capacity	1411000.0 m <sup>3</sup>
Effective storage capacity	1261000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km <sup>2</sup>
Perimeter of catchment	13.9 km
Basin Length	4686.7 m
Form factor	0.48333
Circularity ratio	0.69483
Elongation ratio	0.78420
Highest Stream order	5
Max elevation	443.0 m
Min elevation	370.0 m
Mean bifurcation ratio	5.3992
Stream frequency	76.8620 per km <sup>2</sup>
Relief	73.00 m
Drainage density	10.5130 km/km <sup>2</sup>
Length of overland flow	47.558 m

## CATCHMENT CLIMATOLOGY

