

## Pimpalgaon Nath Dam

Location	20.6061° N, 76.3461° E
State	Maharashtra
Nearest City	Motala
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	13.6 m
Dam length	568.0 m
Reservoir Area	485700.0 m <sup>2</sup>
Gross storage capacity	1630000.0 m <sup>3</sup>
Effective storage capacity	1560000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km <sup>2</sup>
Perimeter of catchment	7.1 km
Basin Length	2210.2 m
Form factor	0.57075
Circularity ratio	0.68873
Elongation ratio	0.85218
Highest Stream order	4
Max elevation	529.0 m
Min elevation	413.0 m
Mean bifurcation ratio	2.8593
Stream frequency	72.8130 per km <sup>2</sup>
Relief	116.00 m
Drainage density	9.5110 km/km <sup>2</sup>
Length of overland flow	52.573 m

## CATCHMENT CLIMATOLOGY

