

Pimpalsenda Dam

Location	20.6128° N, 77.4075° E
State	Maharashtra
Nearest City	Murtijapur
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.3 m
Dam length	960.0 m
Reservoir Area	803000.0 m ²
Gross storage capacity	2620000.0 m ³
Effective storage capacity	2430000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.3 km ²
Perimeter of catchment	19.8 km
Basin Length	7745.8 m
Form factor	0.30477
Circularity ratio	0.58429
Elongation ratio	0.62272
Highest Stream order	5
Max elevation	382.0 m
Min elevation	325.0 m
Mean bifurcation ratio	2.2234
Stream frequency	77.3310 per km ²
Relief	57.00 m
Drainage density	10.6570 km/km ²
Length of overland flow	46.916 m

CATCHMENT CLIMATOLOGY

