

Pimpalgaon Dam

Location	20.5800° N, 75.4881° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.2 m
Dam length	1770.0 m
Reservoir Area	540000.0 m ²
Gross storage capacity	1340000.0 m ³
Effective storage capacity	1260000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	60.3 km ²
Perimeter of catchment	39.6 km
Basin Length	12950.0 m
Form factor	0.35953
Circularity ratio	0.48233
Elongation ratio	0.67636
Highest Stream order	6
Max elevation	819.0 m
Min elevation	301.0 m
Mean bifurcation ratio	2.3766
Stream frequency	80.5060 per km ²
Relief	518.00 m
Drainage density	11.3590 km/km ²
Length of overland flow	44.020 m

CATCHMENT CLIMATOLOGY

