

Pimpalgaon (Nandgaon) Dam

Location	20.5781° N, 77.7244° E
State	Maharashtra
Nearest City	Khardeshwar
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	358.0 m
Reservoir Area	204000.0 m ²
Gross storage capacity	680000.0 m ³
Effective storage capacity	600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.3 km ²
Perimeter of catchment	10.2 km
Basin Length	2599.6 m
Form factor	0.93717
Circularity ratio	0.76237
Elongation ratio	1.09200
Highest Stream order	5
Max elevation	375.0 m
Min elevation	331.0 m
Mean bifurcation ratio	10.3300
Stream frequency	78.4770 per km ²
Relief	44.00 m
Drainage density	10.7300 km/km ²
Length of overland flow	46.600 m

CATCHMENT CLIMATOLOGY

