

Pimpalgaon Tappa Dam

Location	19.0592° N, 75.2656° E
State	Maharashtra
Nearest City	Asthi
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.6 m
Dam length	539.0 m
Reservoir Area	460000.0 m ²
Gross storage capacity	1048000.0 m ³
Effective storage capacity	928000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.8 km ²
Perimeter of catchment	23.8 km
Basin Length	7824.5 m
Form factor	0.48739
Circularity ratio	0.66023
Elongation ratio	0.78749
Highest Stream order	5
Max elevation	759.0 m
Min elevation	615.0 m
Mean bifurcation ratio	2.4979
Stream frequency	80.5640 per km ²
Relief	144.00 m
Drainage density	11.4630 km/km ²
Length of overland flow	43.620 m

CATCHMENT CLIMATOLOGY

