

Gondegaon Dam

Location	20.4931° N, 75.2428° E
State	Maharashtra
Nearest City	Soygaon
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	1072.0 m
Reservoir Area	1020000.0 m ²
Gross storage capacity	2435000.0 m ³
Effective storage capacity	2192000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.1 km ²
Perimeter of catchment	10.5 km
Basin Length	3898.6 m
Form factor	0.40182
Circularity ratio	0.69620
Elongation ratio	0.71503
Highest Stream order	5
Max elevation	428.0 m
Min elevation	332.0 m
Mean bifurcation ratio	3.4364
Stream frequency	72.7000 per km ²
Relief	96.00 m
Drainage density	9.8580 km/km ²
Length of overland flow	50.723 m

CATCHMENT CLIMATOLOGY

