

Gondvihar Dam

Location	21.3605° N, 77.5042° E
State	Maharashtra
Nearest City	Achalpur
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	15.7 m
Dam length	1320.0 m
Reservoir Area	550000.0 m ²
Gross storage capacity	2380000.0 m ³
Effective storage capacity	2090000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.8 km ²
Perimeter of catchment	26.8 km
Basin Length	9937.3 m
Form factor	0.23060
Circularity ratio	0.39983
Elongation ratio	0.54168
Highest Stream order	6
Max elevation	1036.0 m
Min elevation	450.0 m
Mean bifurcation ratio	2.3712
Stream frequency	85.6750 per km ²
Relief	586.00 m
Drainage density	12.2970 km/km ²
Length of overland flow	40.660 m

CATCHMENT CLIMATOLOGY

