

Girna Dam

Location	20.4792° N, 74.7142° E
State	Maharashtra
Nearest City	Malegaon
Year of Completion	1969
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Girna
Dam Type	Other
Height above lowest foundation level	54.6 m
Dam length	963.2 m
Reservoir Area	55520000.0 m ²
Gross storage capacity	608450000.0 m ³
Effective storage capacity	523550000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4577.8 km ²
Perimeter of catchment	353.6 km
Basin Length	114480.0 m
Form factor	0.34932
Circularity ratio	0.46035
Elongation ratio	0.66668
Highest Stream order	9
Max elevation	1483.0 m
Min elevation	361.0 m
Mean bifurcation ratio	2.5012
Stream frequency	77.9130 per km ²
Relief	1122.00 m
Drainage density	10.9850 km/km ²
Length of overland flow	45.516 m

CATCHMENT CLIMATOLOGY

