

Gahula Dam

Location	20.5522° N, 75.4278° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	1453.0 m
Reservoir Area	490000.0 m ²
Gross storage capacity	1052000.0 m ³
Effective storage capacity	967000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.3 km ²
Perimeter of catchment	18.9 km
Basin Length	7706.6 m
Form factor	0.15627
Circularity ratio	0.32518
Elongation ratio	0.44591
Highest Stream order	5
Max elevation	888.0 m
Min elevation	303.0 m
Mean bifurcation ratio	2.6552
Stream frequency	80.4850 per km ²
Relief	585.00 m
Drainage density	10.7290 km/km ²
Length of overland flow	46.601 m

CATCHMENT CLIMATOLOGY

