

Ghodasgaon Dam

Location	21.0239° N, 76.1031° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Gima
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	2250.0 m
Reservoir Area	1194100.0 m ²
Gross storage capacity	2976000.0 m ³
Effective storage capacity	2507000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.0 km ²
Perimeter of catchment	20.1 km
Basin Length	7232.3 m
Form factor	0.24771
Circularity ratio	0.40374
Elongation ratio	0.56141
Highest Stream order	5
Max elevation	303.0 m
Min elevation	229.0 m
Mean bifurcation ratio	2.3370
Stream frequency	72.8580 per km ²
Relief	74.00 m
Drainage density	9.4740 km/km ²
Length of overland flow	52.775 m

CATCHMENT CLIMATOLOGY

