

Hatgaon-I Dam

Location	20.3953° N, 74.8619° E
State	Maharashtra
Nearest City	Nadgaon
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Beddali
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	570.0 m
Reservoir Area	388000.0 m ²
Gross storage capacity	1643000.0 m ³
Effective storage capacity	1402000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	6.9 km
Basin Length	2273.5 m
Form factor	0.40398
Circularity ratio	0.55192
Elongation ratio	0.71695
Highest Stream order	3
Max elevation	418.0 m
Min elevation	397.0 m
Mean bifurcation ratio	2.2169
Stream frequency	70.8790 per km ²
Relief	21.00 m
Drainage density	8.2070 km/km ²
Length of overland flow	60.921 m

CATCHMENT CLIMATOLOGY

