

Hiwara Dam

Location	20.6058° N, 75.6761° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1994
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Hiwara
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	3860.0 m
Reservoir Area	5680000.0 m ²
Gross storage capacity	12777000.0 m ³
Effective storage capacity	9601000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.5 km ²
Perimeter of catchment	14.1 km
Basin Length	5353.6 m
Form factor	0.26270
Circularity ratio	0.47399
Elongation ratio	0.57814
Highest Stream order	5
Max elevation	668.0 m
Min elevation	353.0 m
Mean bifurcation ratio	8.0385
Stream frequency	83.0120 per km ²
Relief	315.00 m
Drainage density	11.4900 km/km ²
Length of overland flow	43.515 m

CATCHMENT CLIMATOLOGY

