

Hatgaon-li Dam

Location	20.3883° N, 74.8414° E
State	Maharashtra
Nearest City	Chalisgaon
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Lendi Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.8 m
Dam length	215.0 m
Reservoir Area	404100.0 m ²
Gross storage capacity	6315000.0 m ³
Effective storage capacity	5625000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	78.7 km ²
Perimeter of catchment	44.7 km
Basin Length	15464.0 m
Form factor	0.32889
Circularity ratio	0.49472
Elongation ratio	0.64689
Highest Stream order	7
Max elevation	877.0 m
Min elevation	384.0 m
Mean bifurcation ratio	9.9061
Stream frequency	76.3090 per km ²
Relief	493.00 m
Drainage density	10.5860 km/km ²
Length of overland flow	47.231 m

CATCHMENT CLIMATOLOGY

