

Hatti Dam

Location	21.2194° N, 74.3483° E
State	Maharashtra
Nearest City	Sakri
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Nai
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.8 m
Dam length	533.0 m
Reservoir Area	71000.0 m ²
Gross storage capacity	2730000.0 m ³
Effective storage capacity	2350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.7 km ²
Perimeter of catchment	9.8 km
Basin Length	3547.9 m
Form factor	0.45423
Circularity ratio	0.74081
Elongation ratio	0.76024
Highest Stream order	5
Max elevation	470.0 m
Min elevation	382.0 m
Mean bifurcation ratio	2.2618
Stream frequency	76.0810 per km ²
Relief	88.00 m
Drainage density	9.8370 km/km ²
Length of overland flow	50.827 m

CATCHMENT CLIMATOLOGY

