

Warshi Dam

Location	20.4178° N, 74.0819° E
State	Maharashtra
Nearest City	Kalwan
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Hata
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	960.0 m
Reservoir Area	434400.0 m ²
Gross storage capacity	1150000.0 m ³
Effective storage capacity	990000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.8 km ²
Perimeter of catchment	18.2 km
Basin Length	6973.4 m
Form factor	0.34551
Circularity ratio	0.63918
Elongation ratio	0.66304
Highest Stream order	5
Max elevation	1188.0 m
Min elevation	673.0 m
Mean bifurcation ratio	2.6126
Stream frequency	90.1120 per km ²
Relief	515.00 m
Drainage density	13.6450 km/km ²
Length of overland flow	36.643 m

CATCHMENT CLIMATOLOGY

