

Waghadi Barrage Dam

Location	20.8672° N, 77.4033° E
State	Maharashtra
Nearest City	Daryapur
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	1710.0 m
Reservoir Area	244820.0 m ²
Gross storage capacity	5554000.0 m ³
Effective storage capacity	5477000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	135.6 km ²
Perimeter of catchment	76.1 km
Basin Length	33211.0 m
Form factor	0.12295
Circularity ratio	0.29404
Elongation ratio	0.39552
Highest Stream order	6
Max elevation	333.0 m
Min elevation	272.0 m
Mean bifurcation ratio	2.3764
Stream frequency	72.8950 per km ²
Relief	61.00 m
Drainage density	9.6030 km/km ²
Length of overland flow	52.067 m

CATCHMENT CLIMATOLOGY

