

Waghla Dam

Location	20.4236° N, 75.1228° E
State	Maharashtra
Nearest City	Chalisgaon
Year of Completion	1974
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	642.0 m
Reservoir Area	478800.0 m ²
Gross storage capacity	1417000.0 m ³
Effective storage capacity	1205000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.0 km ²
Perimeter of catchment	17.7 km
Basin Length	7410.8 m
Form factor	0.21801
Circularity ratio	0.47959
Elongation ratio	0.52667
Highest Stream order	5
Max elevation	574.0 m
Min elevation	343.0 m
Mean bifurcation ratio	11.7970
Stream frequency	79.8480 per km ²
Relief	231.00 m
Drainage density	10.7960 km/km ²
Length of overland flow	46.316 m

CATCHMENT CLIMATOLOGY

