

Wasni Dam

Location	21.1703° N, 77.5447° E
State	Maharashtra
Nearest City	Achalpur
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Sapan
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.8 m
Dam length	2100.0 m
Reservoir Area	535000.0 m ²
Gross storage capacity	22591000.0 m ³
Effective storage capacity	19657000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.5 km ²
Perimeter of catchment	13.7 km
Basin Length	5661.3 m
Form factor	0.26672
Circularity ratio	0.57139
Elongation ratio	0.58255
Highest Stream order	5
Max elevation	355.0 m
Min elevation	327.0 m
Mean bifurcation ratio	3.7015
Stream frequency	71.3580 per km ²
Relief	28.00 m
Drainage density	9.0270 km/km ²
Length of overland flow	55.391 m

CATCHMENT CLIMATOLOGY

