

Wari Dam

Location	20.7039° N, 76.0928° E
State	Maharashtra
Nearest City	Motala
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	538.0 m
Reservoir Area	619430.0 m ²
Gross storage capacity	2010000.0 m ³
Effective storage capacity	1890000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.0 km ²
Perimeter of catchment	14.9 km
Basin Length	5379.7 m
Form factor	0.34527
Circularity ratio	0.56299
Elongation ratio	0.66281
Highest Stream order	5
Max elevation	396.0 m
Min elevation	318.0 m
Mean bifurcation ratio	3.2082
Stream frequency	77.5580 per km ²
Relief	78.00 m
Drainage density	10.6010 km/km ²
Length of overland flow	47.165 m

CATCHMENT CLIMATOLOGY

