

## Nashirabad Dam

Location	20.9778° N, 75.6447° E
State	Maharashtra
Nearest City	Jalgaon
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Waki
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	1280.0 m
Reservoir Area	1710000.0 m <sup>2</sup>
Gross storage capacity	6022000.0 m <sup>3</sup>
Effective storage capacity	5810000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	64.7 km <sup>2</sup>
Perimeter of catchment	39.3 km
Basin Length	14559.0 m
Form factor	0.30536
Circularity ratio	0.52665
Elongation ratio	0.62333
Highest Stream order	6
Max elevation	342.0 m
Min elevation	216.0 m
Mean bifurcation ratio	2.1197
Stream frequency	76.8120 per km <sup>2</sup>
Relief	126.00 m
Drainage density	10.6350 km/km <sup>2</sup>
Length of overland flow	47.017 m

## CATCHMENT CLIMATOLOGY

