

## Shirsoli-2 Dam

Location	20.8925° N, 75.5553° E
State	Maharashtra
Nearest City	Jalgaon
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	848.0 m
Reservoir Area	790000.0 m <sup>2</sup>
Gross storage capacity	2400000.0 m <sup>3</sup>
Effective storage capacity	2380000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km <sup>2</sup>
Perimeter of catchment	8.8 km
Basin Length	2612.3 m
Form factor	0.69474
Circularity ratio	0.77639
Elongation ratio	0.94020
Highest Stream order	5
Max elevation	324.0 m
Min elevation	242.0 m
Mean bifurcation ratio	3.0412
Stream frequency	78.6740 per km <sup>2</sup>
Relief	82.00 m
Drainage density	10.6060 km/km <sup>2</sup>
Length of overland flow	47.143 m

## CATCHMENT CLIMATOLOGY

