

## Shewali Dam

Location	21.0025° N, 74.3572° E
State	Maharashtra
Nearest City	Sakri
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	763.0 m
Reservoir Area	52650.0 m <sup>2</sup>
Gross storage capacity	1820000.0 m <sup>3</sup>
Effective storage capacity	1520000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.4 km <sup>2</sup>
Perimeter of catchment	24.3 km
Basin Length	8696.9 m
Form factor	0.32227
Circularity ratio	0.52055
Elongation ratio	0.64036
Highest Stream order	5
Max elevation	660.0 m
Min elevation	426.0 m
Mean bifurcation ratio	2.4066
Stream frequency	77.0040 per km <sup>2</sup>
Relief	234.00 m
Drainage density	10.5740 km/km <sup>2</sup>
Length of overland flow	47.288 m

## CATCHMENT CLIMATOLOGY

