

## Shivni (Paithan) Dam

Location	19.7208° N, 75.2731° E
State	Maharashtra
Nearest City	Paithan
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	1725.0 m
Reservoir Area	940000.0 m <sup>2</sup>
Gross storage capacity	1540000.0 m <sup>3</sup>
Effective storage capacity	1290000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	58.9 km <sup>2</sup>
Perimeter of catchment	37.7 km
Basin Length	12939.0 m
Form factor	0.35202
Circularity ratio	0.52111
Elongation ratio	0.66926
Highest Stream order	6
Max elevation	812.0 m
Min elevation	487.0 m
Mean bifurcation ratio	2.2493
Stream frequency	76.8960 per km <sup>2</sup>
Relief	325.00 m
Drainage density	10.7810 km/km <sup>2</sup>
Length of overland flow	46.376 m

## CATCHMENT CLIMATOLOGY

