

## Chinchpani Dam

Location	21.2211° N, 77.1433° E
State	Maharashtra
Nearest City	Akot
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	1035.0 m
Reservoir Area	509000.0 m <sup>2</sup>
Gross storage capacity	2270000.0 m <sup>3</sup>
Effective storage capacity	2110000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.0 km <sup>2</sup>
Perimeter of catchment	20.4 km
Basin Length	6360.9 m
Form factor	0.36994
Circularity ratio	0.45060
Elongation ratio	0.68608
Highest Stream order	5
Max elevation	890.0 m
Min elevation	412.0 m
Mean bifurcation ratio	2.4465
Stream frequency	79.9700 per km <sup>2</sup>
Relief	478.00 m
Drainage density	11.1830 km/km <sup>2</sup>
Length of overland flow	44.713 m

## CATCHMENT CLIMATOLOGY

