

## Rawala Dam

Location	20.5822° N, 75.8419° E
State	Maharashtra
Nearest City	Soyegaon
Year of Completion	1999
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.5 m
Dam length	761.0 m
Reservoir Area	671400.0 m <sup>2</sup>
Gross storage capacity	5314000.0 m <sup>3</sup>
Effective storage capacity	4880000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km <sup>2</sup>
Perimeter of catchment	8.3 km
Basin Length	2622.5 m
Form factor	0.54660
Circularity ratio	0.68113
Elongation ratio	0.83396
Highest Stream order	4
Max elevation	567.0 m
Min elevation	378.0 m
Mean bifurcation ratio	2.4285
Stream frequency	83.2620 per km <sup>2</sup>
Relief	189.00 m
Drainage density	11.6720 km/km <sup>2</sup>
Length of overland flow	42.837 m

## CATCHMENT CLIMATOLOGY

