

## Thitewadi Dam

Location	18.8086° N, 74.0414° E
State	Maharashtra
Nearest City	Shirur.
Year of Completion	2003
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Vel
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.1 m
Dam length	1320.0 m
Reservoir Area	19141000.0 m <sup>2</sup>
Gross storage capacity	9870000.0 m <sup>3</sup>
Effective storage capacity	7148000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	158.2 km <sup>2</sup>
Perimeter of catchment	75.4 km
Basin Length	25360.0 m
Form factor	0.24602
Circularity ratio	0.34964
Elongation ratio	0.55950
Highest Stream order	7
Max elevation	859.0 m
Min elevation	637.0 m
Mean bifurcation ratio	2.4069
Stream frequency	77.7650 per km <sup>2</sup>
Relief	222.00 m
Drainage density	11.0220 km/km <sup>2</sup>
Length of overland flow	45.365 m

## CATCHMENT CLIMATOLOGY

