

## Shirpunje Dam

Location	19.4828° N, 73.7778° E
State	Maharashtra
Nearest City	Akola
Year of Completion	2008
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Mula
Dam Type	Earthfill Embankment
Height above lowest foundation level	37.9 m
Dam length	231.0 m
Reservoir Area	32506.0 m <sup>2</sup>
Gross storage capacity	4403000.0 m <sup>3</sup>
Effective storage capacity	4230000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.0 km <sup>2</sup>
Perimeter of catchment	9.8 km
Basin Length	2256.9 m
Form factor	0.98347
Circularity ratio	0.65058
Elongation ratio	1.11860
Highest Stream order	5
Max elevation	1443.0 m
Min elevation	908.0 m
Mean bifurcation ratio	2.9698
Stream frequency	95.4230 per km <sup>2</sup>
Relief	535.00 m
Drainage density	14.9050 km/km <sup>2</sup>
Length of overland flow	33.546 m

## CATCHMENT CLIMATOLOGY

