

## Shirur Dam

Location	18.7025° N, 77.3050° E
State	Maharashtra
Nearest City	Mukhed
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	541.0 m
Reservoir Area	439000.0 m <sup>2</sup>
Gross storage capacity	1780000.0 m <sup>3</sup>
Effective storage capacity	1613000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.2 km <sup>2</sup>
Perimeter of catchment	17.2 km
Basin Length	5151.2 m
Form factor	0.60916
Circularity ratio	0.68541
Elongation ratio	0.88039
Highest Stream order	5
Max elevation	524.0 m
Min elevation	421.0 m
Mean bifurcation ratio	2.4012
Stream frequency	72.7540 per km <sup>2</sup>
Relief	103.00 m
Drainage density	9.8630 km/km <sup>2</sup>
Length of overland flow	50.693 m

## CATCHMENT CLIMATOLOGY

