

## Narayangad Dam

Location	19.0778° N, 75.5833° E
State	Maharashtra
Nearest City	Shirur.
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Narayangad
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.3 m
Dam length	1270.0 m
Reservoir Area	1910000.0 m <sup>2</sup>
Gross storage capacity	5286000.0 m <sup>3</sup>
Effective storage capacity	4280000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	84.9 km <sup>2</sup>
Perimeter of catchment	46.5 km
Basin Length	18238.0 m
Form factor	0.25524
Circularity ratio	0.49303
Elongation ratio	0.56988
Highest Stream order	6
Max elevation	773.0 m
Min elevation	498.0 m
Mean bifurcation ratio	2.1709
Stream frequency	75.2190 per km <sup>2</sup>
Relief	275.00 m
Drainage density	10.3530 km/km <sup>2</sup>
Length of overland flow	48.295 m

## CATCHMENT CLIMATOLOGY

