

## Yesodi Dam

Location	18.4333° N, 74.8700° E
State	Maharashtra
Nearest City	Karjat
Year of Completion	1999
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	625.0 m
Reservoir Area	265000.0 m <sup>2</sup>
Gross storage capacity	1620000.0 m <sup>3</sup>
Effective storage capacity	1330000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.7 km <sup>2</sup>
Perimeter of catchment	31.8 km
Basin Length	13395.0 m
Form factor	0.19896
Circularity ratio	0.44420
Elongation ratio	0.50315
Highest Stream order	5
Max elevation	584.0 m
Min elevation	511.0 m
Mean bifurcation ratio	2.1988
Stream frequency	70.5060 per km <sup>2</sup>
Relief	73.00 m
Drainage density	9.2860 km/km <sup>2</sup>
Length of overland flow	53.842 m

## CATCHMENT CLIMATOLOGY

