

## Erandol Dam

Location	16.0608° N, 74.1758° E
State	Maharashtra
Nearest City	Ajara
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	30.3 m
Dam length	442.0 m
Reservoir Area	660000.0 m <sup>2</sup>
Gross storage capacity	4205000.0 m <sup>3</sup>
Effective storage capacity	3930000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.9 km <sup>2</sup>
Perimeter of catchment	17.8 km
Basin Length	5052.3 m
Form factor	0.62407
Circularity ratio	0.63019
Elongation ratio	0.89110
Highest Stream order	6
Max elevation	954.0 m
Min elevation	669.0 m
Mean bifurcation ratio	2.7625
Stream frequency	87.8240 per km <sup>2</sup>
Relief	285.00 m
Drainage density	13.1660 km/km <sup>2</sup>
Length of overland flow	37.977 m

## CATCHMENT CLIMATOLOGY

