

## Sina Dam

Location	18.8275° N, 74.9475° E
State	Maharashtra
Nearest City	Karjat
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Sina
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.5 m
Dam length	1580.0 m
Reservoir Area	12834000.0 m <sup>2</sup>
Gross storage capacity	68160000.0 m <sup>3</sup>
Effective storage capacity	52300000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1481.7 km <sup>2</sup>
Perimeter of catchment	202.0 km
Basin Length	58001.0 m
Form factor	0.44046
Circularity ratio	0.45626
Elongation ratio	0.74862
Highest Stream order	8
Max elevation	960.0 m
Min elevation	571.0 m
Mean bifurcation ratio	2.2397
Stream frequency	77.4800 per km <sup>2</sup>
Relief	389.00 m
Drainage density	10.9920 km/km <sup>2</sup>
Length of overland flow	45.486 m

## CATCHMENT CLIMATOLOGY

