

## Karanjiwane Dam

Location	16.3553° N, 74.2239° E
State	Maharashtra
Nearest City	Kagal
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	495.0 m
Reservoir Area	216000.0 m <sup>2</sup>
Gross storage capacity	1510000.0 m <sup>3</sup>
Effective storage capacity	1440000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km <sup>2</sup>
Perimeter of catchment	10.4 km
Basin Length	3045.0 m
Form factor	0.77484
Circularity ratio	0.84214
Elongation ratio	0.99292
Highest Stream order	5
Max elevation	939.0 m
Min elevation	632.0 m
Mean bifurcation ratio	2.6916
Stream frequency	91.0310 per km <sup>2</sup>
Relief	307.00 m
Drainage density	14.1320 km/km <sup>2</sup>
Length of overland flow	35.382 m

## CATCHMENT CLIMATOLOGY

