

## Karanja Dam

Location	18.7508° N, 76.1597° E
State	Maharashtra
Nearest City	Kaij
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Karanja
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	804.0 m
Reservoir Area	733000.0 m <sup>2</sup>
Gross storage capacity	2534000.0 m <sup>3</sup>
Effective storage capacity	2348000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.9 km <sup>2</sup>
Perimeter of catchment	17.2 km
Basin Length	4928.1 m
Form factor	0.73748
Circularity ratio	0.75811
Elongation ratio	0.96869
Highest Stream order	5
Max elevation	736.0 m
Min elevation	681.0 m
Mean bifurcation ratio	2.5807
Stream frequency	77.3290 per km <sup>2</sup>
Relief	55.00 m
Drainage density	10.6710 km/km <sup>2</sup>
Length of overland flow	46.855 m

## CATCHMENT CLIMATOLOGY

