

## Karanji Dam

Location	20.1503° N, 78.6114° E
State	Maharashtra
Nearest City	Pandharkawada
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	512.0 m
Reservoir Area	631000.0 m <sup>2</sup>
Gross storage capacity	2940000.0 m <sup>3</sup>
Effective storage capacity	2792000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.7 km <sup>2</sup>
Perimeter of catchment	14.1 km
Basin Length	4768.4 m
Form factor	0.55844
Circularity ratio	0.80341
Elongation ratio	0.84294
Highest Stream order	5
Max elevation	380.0 m
Min elevation	291.0 m
Mean bifurcation ratio	5.6801
Stream frequency	72.2170 per km <sup>2</sup>
Relief	89.00 m
Drainage density	9.3100 km/km <sup>2</sup>
Length of overland flow	53.708 m

## CATCHMENT CLIMATOLOGY

