

## Karadkhed Dam

Location	18.4753° N, 77.4872° E
State	Maharashtra
Nearest City	Degloor
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Karadkhed Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.8 m
Dam length	1454.0 m
Reservoir Area	289000.0 m <sup>2</sup>
Gross storage capacity	12390000.0 m <sup>3</sup>
Effective storage capacity	11020000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	99.2 km <sup>2</sup>
Perimeter of catchment	50.8 km
Basin Length	17075.0 m
Form factor	0.34025
Circularity ratio	0.48313
Elongation ratio	0.65797
Highest Stream order	6
Max elevation	554.0 m
Min elevation	382.0 m
Mean bifurcation ratio	2.2435
Stream frequency	80.6700 per km <sup>2</sup>
Relief	172.00 m
Drainage density	11.7240 km/km <sup>2</sup>
Length of overland flow	42.646 m

## CATCHMENT CLIMATOLOGY

