

## Nirkhedtanda Dam

Location	19.8253° N, 76.0733° E
State	Maharashtra
Nearest City	Jalna
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.9 m
Dam length	9006.0 m
Reservoir Area	1343589.0 m <sup>2</sup>
Gross storage capacity	5390000.0 m <sup>3</sup>
Effective storage capacity	4755000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	42.2 km <sup>2</sup>
Perimeter of catchment	31.4 km
Basin Length	12773.0 m
Form factor	0.25891
Circularity ratio	0.53782
Elongation ratio	0.57396
Highest Stream order	6
Max elevation	617.0 m
Min elevation	469.0 m
Mean bifurcation ratio	4.5071
Stream frequency	72.4880 per km <sup>2</sup>
Relief	148.00 m
Drainage density	9.8310 km/km <sup>2</sup>
Length of overland flow	50.862 m

## CATCHMENT CLIMATOLOGY

