

## Nirgudi Dam

Location	20.1150° N, 75.2125° E
State	Maharashtra
Nearest City	Khultabad
Year of Completion	1967
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Nirgudi
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.4 m
Dam length	148.0 m
Reservoir Area	461000.0 m <sup>2</sup>
Gross storage capacity	2420000.0 m <sup>3</sup>
Effective storage capacity	2224000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.1 km <sup>2</sup>
Perimeter of catchment	20.9 km
Basin Length	6595.7 m
Form factor	0.57602
Circularity ratio	0.71940
Elongation ratio	0.85611
Highest Stream order	6
Max elevation	888.0 m
Min elevation	609.0 m
Mean bifurcation ratio	2.2641
Stream frequency	81.8870 per km <sup>2</sup>
Relief	279.00 m
Drainage density	11.6160 km/km <sup>2</sup>
Length of overland flow	43.043 m

## CATCHMENT CLIMATOLOGY

