

## Nandagaul Dam

Location	18.7783° N, 76.5500° E
State	Maharashtra
Nearest City	Parali
Year of Completion	2015
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	231.0 m
Reservoir Area	24863.0 m <sup>2</sup>
Gross storage capacity	1395000.0 m <sup>3</sup>
Effective storage capacity	1205000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.7 km <sup>2</sup>
Perimeter of catchment	20.6 km
Basin Length	7144.6 m
Form factor	0.32800
Circularity ratio	0.49385
Elongation ratio	0.64602
Highest Stream order	5
Max elevation	663.0 m
Min elevation	521.0 m
Mean bifurcation ratio	2.3015
Stream frequency	69.9990 per km <sup>2</sup>
Relief	142.00 m
Drainage density	9.3110 km/km <sup>2</sup>
Length of overland flow	53.700 m

## CATCHMENT CLIMATOLOGY

