

## Nanand Dam

Location	18.1208° N, 76.7192° E
State	Maharashtra
Nearest City	Ausa
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	1550.0 m
Reservoir Area	960000.0 m <sup>2</sup>
Gross storage capacity	2220000.0 m <sup>3</sup>
Effective storage capacity	2033000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.2 km <sup>2</sup>
Perimeter of catchment	18.6 km
Basin Length	5436.8 m
Form factor	0.58191
Circularity ratio	0.62502
Elongation ratio	0.86048
Highest Stream order	6
Max elevation	654.0 m
Min elevation	601.0 m
Mean bifurcation ratio	4.2260
Stream frequency	78.4280 per km <sup>2</sup>
Relief	53.00 m
Drainage density	11.1670 km/km <sup>2</sup>
Length of overland flow	44.774 m

## CATCHMENT CLIMATOLOGY

