

## Nichapur Dam

Location	19.7378° N, 78.0892° E
State	Maharashtra
Nearest City	Kinwat
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.6 m
Dam length	588.0 m
Reservoir Area	400000.0 m <sup>2</sup>
Gross storage capacity	2314000.0 m <sup>3</sup>
Effective storage capacity	2201000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.3 km <sup>2</sup>
Perimeter of catchment	13.4 km
Basin Length	4977.0 m
Form factor	0.33674
Circularity ratio	0.58767
Elongation ratio	0.65457
Highest Stream order	4
Max elevation	591.0 m
Min elevation	427.0 m
Mean bifurcation ratio	2.3706
Stream frequency	72.0520 per km <sup>2</sup>
Relief	164.00 m
Drainage density	9.5040 km/km <sup>2</sup>
Length of overland flow	52.608 m

## CATCHMENT CLIMATOLOGY

