

## Dngaon Project Dam

Location	19.6356° N, 78.3133° E
State	Telangana
Nearest City	Nirmal
Year of Completion	1975
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Ghatprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	1753.0 m
Reservoir Area	79549.0 m <sup>2</sup>
Gross storage capacity	3468000.0 m <sup>3</sup>
Effective storage capacity	3121200.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.4 km <sup>2</sup>
Perimeter of catchment	9.9 km
Basin Length	3111.3 m
Form factor	0.56261
Circularity ratio	0.69241
Elongation ratio	0.84608
Highest Stream order	5
Max elevation	498.0 m
Min elevation	334.0 m
Mean bifurcation ratio	2.9561
Stream frequency	83.5480 per km <sup>2</sup>
Relief	164.00 m
Drainage density	12.0910 km/km <sup>2</sup>
Length of overland flow	41.352 m

## CATCHMENT CLIMATOLOGY

