

## Nagarjuna Sagar Project Dam

Location	16.5761° N, 79.3111° E
State	Telangana
Nearest City	Guruzala
Year of Completion	1955
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
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Dam Type	Other
Height above lowest foundation level	124.7 m
Dam length	4865.0 m
Reservoir Area	284900000.0 m <sup>2</sup>
Gross storage capacity	11550000000.0 m <sup>3</sup>
Effective storage capacity	6920000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	219700.0 km <sup>2</sup>
Perimeter of catchment	3416.3 km
Basin Length	709290.0 m
Form factor	0.43669
Circularity ratio	0.23661
Elongation ratio	0.74541
Highest Stream order	12
Max elevation	1869.0 m
Min elevation	44.0 m
Mean bifurcation ratio	2.2315
Stream frequency	74.5720 per km <sup>2</sup>
Relief	1825.00 m
Drainage density	10.5470 km/km <sup>2</sup>
Length of overland flow	47.406 m

## CATCHMENT CLIMATOLOGY

