

## Thotapally Barrage Dam

Location	18.7847° N, 83.4947° E
State	Andhra Pradesh
Nearest City	Thotapalli
Year of Completion	1908
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Nagavali
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.0 m
Dam length	m
Reservoir Area	11951005.0 m <sup>2</sup>
Gross storage capacity	71050000.0 m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4450.3 km <sup>2</sup>
Perimeter of catchment	419.6 km
Basin Length	113530.0 m
Form factor	0.34525
Circularity ratio	0.31777
Elongation ratio	0.66279
Highest Stream order	9
Max elevation	1507.0 m
Min elevation	95.0 m
Mean bifurcation ratio	2.1635
Stream frequency	82.6190 per km <sup>2</sup>
Relief	1412.00 m
Drainage density	12.1500 km/km <sup>2</sup>
Length of overland flow	41.154 m

## CATCHMENT CLIMATOLOGY

