

## Thatipudi Dam

Location	18.1719° N, 83.1944° E
State	Andhra Pradesh
Nearest City	Srungavarapukota
Year of Completion	1968
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Gosthani
Dam Type	Earthfill Embankment
Height above lowest foundation level	37.0 m
Dam length	585.0 m
Reservoir Area	9427828.0 m <sup>2</sup>
Gross storage capacity	94164000.0 m <sup>3</sup>
Effective storage capacity	89910000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	320.7 km <sup>2</sup>
Perimeter of catchment	103.6 km
Basin Length	33338.0 m
Form factor	0.28851
Circularity ratio	0.37581
Elongation ratio	0.60588
Highest Stream order	7
Max elevation	1450.0 m
Min elevation	69.0 m
Mean bifurcation ratio	2.4884
Stream frequency	88.2800 per km <sup>2</sup>
Relief	1381.00 m
Drainage density	13.4110 km/km <sup>2</sup>
Length of overland flow	37.282 m

## CATCHMENT CLIMATOLOGY

