

## Maddigedda Reservoir Dam

Location	17.4867° N, 82.0119° E
State	Andhra Pradesh
Nearest City	Ellavaram
Year of Completion	2004
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Godavari
River	Janjhavathi
Dam Type	Other
Height above lowest foundation level	27.0 m
Dam length	862.0 m
Reservoir Area	1821000.0 m <sup>2</sup>
Gross storage capacity	13733000.0 m <sup>3</sup>
Effective storage capacity	12289000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	130.3 km <sup>2</sup>
Perimeter of catchment	64.1 km
Basin Length	18554.0 m
Form factor	0.37861
Circularity ratio	0.39829
Elongation ratio	0.69407
Highest Stream order	7
Max elevation	809.0 m
Min elevation	163.0 m
Mean bifurcation ratio	2.4462
Stream frequency	85.2050 per km <sup>2</sup>
Relief	646.00 m
Drainage density	12.6850 km/km <sup>2</sup>
Length of overland flow	39.416 m

## CATCHMENT CLIMATOLOGY

