

## Jajigedda Reservoir Dam

Location	17.6689° N, 82.7519° E
State	Andhra Pradesh
Nearest City	Narsipatnam
Year of Completion	1998
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Jajigedda
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	688.0 m
Reservoir Area	310000.0 m <sup>2</sup>
Gross storage capacity	2293000.0 m <sup>3</sup>
Effective storage capacity	2265600.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.3 km <sup>2</sup>
Perimeter of catchment	14.8 km
Basin Length	4696.7 m
Form factor	0.51328
Circularity ratio	0.64919
Elongation ratio	0.80814
Highest Stream order	5
Max elevation	475.0 m
Min elevation	98.0 m
Mean bifurcation ratio	2.8846
Stream frequency	89.2940 per km <sup>2</sup>
Relief	377.00 m
Drainage density	13.0670 km/km <sup>2</sup>
Length of overland flow	38.265 m

## CATCHMENT CLIMATOLOGY

Data not available.