

## Akasaganga Dam

Location	13.7683° N, 79.3392° E
State	Andhra Pradesh
Nearest City	Tirupati
Year of Completion	2002
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	170.0 m
Reservoir Area	34550000.0 m <sup>2</sup>
Gross storage capacity	311.4 m <sup>3</sup>
Effective storage capacity	304.6 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km <sup>2</sup>
Perimeter of catchment	5.4 km
Basin Length	1462.5 m
Form factor	0.91709
Circularity ratio	0.84306
Elongation ratio	1.08020
Highest Stream order	4
Max elevation	987.0 m
Min elevation	631.0 m
Mean bifurcation ratio	3.4098
Stream frequency	94.8260 per km <sup>2</sup>
Relief	356.00 m
Drainage density	13.6680 km/km <sup>2</sup>
Length of overland flow	36.581 m

## CATCHMENT CLIMATOLOGY

