

## Varaha Dam

Location	17.8114° N, 82.6750° E
State	Andhra Pradesh
Nearest City	Chodavaram
Year of Completion	1975
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Varaha
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	1652.0 m
Reservoir Area	2330000.0 m <sup>2</sup>
Gross storage capacity	13167000.0 m <sup>3</sup>
Effective storage capacity	12205000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	60.6 km <sup>2</sup>
Perimeter of catchment	38.1 km
Basin Length	11317.0 m
Form factor	0.47352
Circularity ratio	0.52383
Elongation ratio	0.77621
Highest Stream order	6
Max elevation	1036.0 m
Min elevation	122.0 m
Mean bifurcation ratio	2.5335
Stream frequency	88.5860 per km <sup>2</sup>
Relief	914.00 m
Drainage density	13.4120 km/km <sup>2</sup>
Length of overland flow	37.280 m

## CATCHMENT CLIMATOLOGY

