

## Vengalaraya Sagar Dam

Location	18.6228° N, 83.2217° E
State	Andhra Pradesh
Nearest City	Salur
Year of Completion	1998
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Svarnamukhi Gomula
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	1765.0 m
Reservoir Area	7690000.0 m <sup>2</sup>
Gross storage capacity	40570000.0 m <sup>3</sup>
Effective storage capacity	39780000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	353.4 km <sup>2</sup>
Perimeter of catchment	128.5 km
Basin Length	43272.0 m
Form factor	0.18875
Circularity ratio	0.26898
Elongation ratio	0.49006
Highest Stream order	7
Max elevation	1528.0 m
Min elevation	141.0 m
Mean bifurcation ratio	2.1979
Stream frequency	85.0550 per km <sup>2</sup>
Relief	1387.00 m
Drainage density	12.7100 km/km <sup>2</sup>
Length of overland flow	39.338 m

## CATCHMENT CLIMATOLOGY

