

## Guntavada Weir (S.H.E.S) Dam

Location	18.0592° N, 82.0386° E
State	Andhra Pradesh
Nearest City	Chintpalle
Year of Completion	1967
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Godavari
River	Sileru
Dam Type	Other
Height above lowest foundation level	31.0 m
Dam length	625.0 m
Reservoir Area	4237316.0 m <sup>2</sup>
Gross storage capacity	122740000.0 m <sup>3</sup>
Effective storage capacity	88220000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5177.8 km <sup>2</sup>
Perimeter of catchment	438.0 km
Basin Length	106410.0 m
Form factor	0.45731
Circularity ratio	0.33927
Elongation ratio	0.76281
Highest Stream order	9
Max elevation	1638.0 m
Min elevation	399.0 m
Mean bifurcation ratio	2.2007
Stream frequency	84.8570 per km <sup>2</sup>
Relief	1239.00 m
Drainage density	12.7880 km/km <sup>2</sup>
Length of overland flow	39.101 m

# CATCHMENT CLIMATOLOGY

