

## Subba Reddy Sagar Dam

Location	17.3314° N, 82.2042° E
State	Andhra Pradesh
Nearest City	Gokavaram
Year of Completion	1970
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Kuntidevi Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.5 m
Dam length	442.0 m
Reservoir Area	782860.0 m <sup>2</sup>
Gross storage capacity	6626000.0 m <sup>3</sup>
Effective storage capacity	5928640.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	108.4 km <sup>2</sup>
Perimeter of catchment	63.6 km
Basin Length	23428.0 m
Form factor	0.19748
Circularity ratio	0.33710
Elongation ratio	0.50127
Highest Stream order	6
Max elevation	708.0 m
Min elevation	74.0 m
Mean bifurcation ratio	2.4628
Stream frequency	85.1470 per km <sup>2</sup>
Relief	634.00 m
Drainage density	12.8040 km/km <sup>2</sup>
Length of overland flow	39.050 m

## CATCHMENT CLIMATOLOGY

