

Sir Aurthur Cotton Barrage (Godavari Barrage) Dam

Location	16.9381° N, 81.7742° E
State	Andhra Pradesh
Nearest City	Rajahmundry
Year of Completion	1982
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Godavari
River	Godavari
Dam Type	Other
Height above lowest foundation level	12.6 m
Dam length	5837.0 m
Reservoir Area	19030000.0 m ²
Gross storage capacity	82997000.0 m ³
Effective storage capacity	60060.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	49.9 km ²
Perimeter of catchment	35.0 km
Basin Length	12548.0 m
Form factor	0.31667
Circularity ratio	0.51054
Elongation ratio	0.63477
Highest Stream order	6
Max elevation	106.0 m
Min elevation	-16.0 m
Mean bifurcation ratio	2.4561
Stream frequency	78.9950 per km ²
Relief	122.00 m
Drainage density	11.3310 km/km ²
Length of overland flow	44.126 m

CATCHMENT CLIMATOLOGY

