

Gogarbham Dam

Location	13.6908° N, 79.3536° E
State	Andhra Pradesh
Nearest City	Tirupati
Year of Completion	1963
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.3 m
Dam length	54.0 m
Reservoir Area	253710000.0 m ²
Gross storage capacity	1287.9 m ³
Effective storage capacity	1219.7 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.9 km ²
Perimeter of catchment	9.2 km
Basin Length	2330.2 m
Form factor	0.72712
Circularity ratio	0.59186
Elongation ratio	0.96186
Highest Stream order	4
Max elevation	1007.0 m
Min elevation	811.0 m
Mean bifurcation ratio	3.5620
Stream frequency	88.1440 per km ²
Relief	196.00 m
Drainage density	13.2880 km/km ²
Length of overland flow	37.628 m

CATCHMENT CLIMATOLOGY

