

Gundetivagu Cheroo, Reddygudem(V) Dam

Location	17.4006° N, 81.0267° E
State	Telangana
Nearest City	Kothagudem
Year of Completion	1991
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Gharaparbha
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	700.0 m
Reservoir Area	4046900.0 m ²
Gross storage capacity	1220000.0 m ³
Effective storage capacity	1160000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.6 km ²
Perimeter of catchment	28.4 km
Basin Length	8714.7 m
Form factor	0.41592
Circularity ratio	0.49394
Elongation ratio	0.72747
Highest Stream order	6
Max elevation	430.0 m
Min elevation	146.0 m
Mean bifurcation ratio	2.3999
Stream frequency	82.9750 per km ²
Relief	284.00 m
Drainage density	12.0770 km/km ²
Length of overland flow	41.403 m

CATCHMENT CLIMATOLOGY

