

Gidda Cheru, Yellareddypet (V) Dam

Location	19.1542° N, 78.3931° E
State	Telangana
Nearest City	Nirmal
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Gharaparbha
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	2372.0 m
Reservoir Area	607000.0 m ²
Gross storage capacity	1632000.0 m ³
Effective storage capacity	1632000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	8.4 km
Basin Length	3396.9 m
Form factor	0.31857
Circularity ratio	0.64938
Elongation ratio	0.63666
Highest Stream order	4
Max elevation	566.0 m
Min elevation	369.0 m
Mean bifurcation ratio	3.0678
Stream frequency	96.8480 per km ²
Relief	197.00 m
Drainage density	13.8010 km/km ²
Length of overland flow	36.228 m

CATCHMENT CLIMATOLOGY

