

Gundlavagu Project Dam

Location	18.3978° N, 80.5533° E
State	Telangana
Nearest City	Nugur
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Gundlavagu
Dam Type	Other
Height above lowest foundation level	18.0 m
Dam length	557.0 m
Reservoir Area	307000.0 m ²
Gross storage capacity	2491000.0 m ³
Effective storage capacity	2292000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.0 km ²
Perimeter of catchment	19.3 km
Basin Length	6847.4 m
Form factor	0.44825
Circularity ratio	0.70814
Elongation ratio	0.75522
Highest Stream order	5
Max elevation	403.0 m
Min elevation	99.0 m
Mean bifurcation ratio	2.4886
Stream frequency	88.4030 per km ²
Relief	304.00 m
Drainage density	13.3210 km/km ²
Length of overland flow	37.535 m

CATCHMENT CLIMATOLOGY

