

Mallareddy Cheru, Bhiknoor Dam

Location	18.2564° N, 78.0392° E
State	Telangana
Nearest City	Nizamabad
Year of Completion	1905
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
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Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	1020.0 m
Reservoir Area	1235000.0 m ²
Gross storage capacity	2244000.0 m ³
Effective storage capacity	1907000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km ²
Perimeter of catchment	9.2 km
Basin Length	3386.2 m
Form factor	0.40562
Circularity ratio	0.69063
Elongation ratio	0.71840
Highest Stream order	4
Max elevation	498.0 m
Min elevation	451.0 m
Mean bifurcation ratio	2.5025
Stream frequency	75.0410 per km ²
Relief	47.00 m
Drainage density	9.8660 km/km ²
Length of overland flow	50.680 m

CATCHMENT CLIMATOLOGY

