

Choudari Cheru, Polkampet Dam

Location	18.1964° N, 78.1708° E
State	Telangana
Nearest City	Nizamabad
Year of Completion	1908
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	14.0 m
Dam length	1710.0 m
Reservoir Area	951000.0 m ²
Gross storage capacity	1840000.0 m ³
Effective storage capacity	1564000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.3 km ²
Perimeter of catchment	29.0 km
Basin Length	9017.5 m
Form factor	0.39701
Circularity ratio	0.48276
Elongation ratio	0.71074
Highest Stream order	5
Max elevation	668.0 m
Min elevation	452.0 m
Mean bifurcation ratio	2.5420
Stream frequency	75.7990 per km ²
Relief	216.00 m
Drainage density	10.3980 km/km ²
Length of overland flow	48.088 m

CATCHMENT CLIMATOLOGY

