

Pothangal Project, Pothangal Dam

Location	18.4119° N, 78.0608° E
State	Telangana
Nearest City	Nizamabad
Year of Completion	1985
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	420.0 m
Reservoir Area	1133000.0 m ²
Gross storage capacity	4440000.0 m ³
Effective storage capacity	3774000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.1 km ²
Perimeter of catchment	20.6 km
Basin Length	5548.9 m
Form factor	0.81454
Circularity ratio	0.74573
Elongation ratio	1.01800
Highest Stream order	5
Max elevation	652.0 m
Min elevation	543.0 m
Mean bifurcation ratio	2.3325
Stream frequency	76.1170 per km ²
Relief	109.00 m
Drainage density	10.4300 km/km ²
Length of overland flow	47.938 m

CATCHMENT CLIMATOLOGY

