

Bazarthathnur Project Dam

Location	19.4608° N, 78.3664° E
State	Telangana
Nearest City	Boath
Year of Completion	2004
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.8 m
Dam length	1440.0 m
Reservoir Area	2050000.0 m ²
Gross storage capacity	4597400.0 m ³
Effective storage capacity	4137600.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	136.4 km ²
Perimeter of catchment	53.7 km
Basin Length	14489.0 m
Form factor	0.64980
Circularity ratio	0.59461
Elongation ratio	0.90929
Highest Stream order	7
Max elevation	636.0 m
Min elevation	431.0 m
Mean bifurcation ratio	2.3723
Stream frequency	77.8640 per km ²
Relief	205.00 m
Drainage density	10.9700 km/km ²
Length of overland flow	45.577 m

CATCHMENT CLIMATOLOGY

