

Nizam Sagar Dam

Location	18.2022° N, 77.9233° E
State	Telangana
Nearest City	Banswada
Year of Completion	1931
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Manjira
Dam Type	Other
Height above lowest foundation level	47.7 m
Dam length	6340.0 m
Reservoir Area	146330000.0 m ²
Gross storage capacity	841576000.0 m ³
Effective storage capacity	724911000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22353.0 km ²
Perimeter of catchment	1175.4 km
Basin Length	295610.0 m
Form factor	0.25580
Circularity ratio	0.20339
Elongation ratio	0.57050
Highest Stream order	10
Max elevation	842.0 m
Min elevation	392.0 m
Mean bifurcation ratio	2.4535
Stream frequency	73.8810 per km ²
Relief	450.00 m
Drainage density	10.2970 km/km ²
Length of overland flow	48.558 m

CATCHMENT CLIMATOLOGY

