

Upper Manair Dam

Location	18.2703° N, 78.5436° E
State	Telangana
Nearest City	Kamareddy
Year of Completion	1950
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Manair And Kudlair
Dam Type	Other
Height above lowest foundation level	20.3 m
Dam length	3260.0 m
Reservoir Area	15290000.0 m ²
Gross storage capacity	61440000.0 m ³
Effective storage capacity	61439000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2200.7 km ²
Perimeter of catchment	264.0 km
Basin Length	68414.0 m
Form factor	0.47018
Circularity ratio	0.39696
Elongation ratio	0.77347
Highest Stream order	9
Max elevation	658.0 m
Min elevation	432.0 m
Mean bifurcation ratio	31.0900
Stream frequency	72.0300 per km ²
Relief	226.00 m
Drainage density	9.8790 km/km ²
Length of overland flow	50.612 m

CATCHMENT CLIMATOLOGY

