

Mukkamamidi Dam

Location	17.4639° N, 80.8739° E
State	Telangana
Nearest City	Kothagudem
Year of Completion	1986
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Mukkamamidi
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	390.0 m
Reservoir Area	1130000.0 m ²
Gross storage capacity	4512000.0 m ³
Effective storage capacity	4210000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	84.4 km ²
Perimeter of catchment	45.4 km
Basin Length	12209.0 m
Form factor	0.56645
Circularity ratio	0.51488
Elongation ratio	0.84897
Highest Stream order	7
Max elevation	429.0 m
Min elevation	106.0 m
Mean bifurcation ratio	2.6247
Stream frequency	78.8880 per km ²
Relief	323.00 m
Drainage density	11.2540 km/km ²
Length of overland flow	44.427 m

CATCHMENT CLIMATOLOGY

