

Komsettipally Project Dam

Location	17.6278° N, 77.8242° E
State	Telangana
Nearest City	Vikarabad
Year of Completion	1988
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Ganga Katwa Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	1023.0 m
Reservoir Area	954600.0 m ²
Gross storage capacity	2318130.0 m ³
Effective storage capacity	1930740.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	11.1 km
Basin Length	3855.0 m
Form factor	0.48706
Circularity ratio	0.74483
Elongation ratio	0.78723
Highest Stream order	5
Max elevation	645.0 m
Min elevation	581.0 m
Mean bifurcation ratio	2.7883
Stream frequency	77.7830 per km ²
Relief	64.00 m
Drainage density	10.5270 km/km ²
Length of overland flow	47.497 m

CATCHMENT CLIMATOLOGY

