

Melammacheru Dam

Location	16.5656° N, 78.8194° E
State	Telangana
Nearest City	Deverkonda
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	610.0 m
Reservoir Area	1074000.0 m ²
Gross storage capacity	2730000.0 m ³
Effective storage capacity	1911000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.2 km ²
Perimeter of catchment	31.1 km
Basin Length	11264.0 m
Form factor	0.24619
Circularity ratio	0.40634
Elongation ratio	0.55969
Highest Stream order	6
Max elevation	454.0 m
Min elevation	292.0 m
Mean bifurcation ratio	2.5002
Stream frequency	72.8590 per km ²
Relief	162.00 m
Drainage density	9.9480 km/km ²
Length of overland flow	50.260 m

CATCHMENT CLIMATOLOGY

