

Stambala Cheru, Yakeenpur (V) Dam

Location	18.8033° N, 78.6889° E
State	Telangana
Nearest City	Metpalli
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1600.0 m
Reservoir Area	685000.0 m ²
Gross storage capacity	5771000.0 m ³
Effective storage capacity	5771000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km ²
Perimeter of catchment	8.6 km
Basin Length	2132.8 m
Form factor	0.68461
Circularity ratio	0.52714
Elongation ratio	0.93332
Highest Stream order	4
Max elevation	320.0 m
Min elevation	292.0 m
Mean bifurcation ratio	2.1389
Stream frequency	75.4650 per km ²
Relief	28.00 m
Drainage density	9.6470 km/km ²
Length of overland flow	51.829 m

CATCHMENT CLIMATOLOGY

