

Pedda Cheru, Yellareddy Dam

Location	18.1750° N, 78.0219° E
State	Telangana
Nearest City	Yellareddy
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Gharaparbha
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	1889.0 m
Reservoir Area	1302428.0 m ²
Gross storage capacity	6113000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	40.1 km ²
Perimeter of catchment	28.5 km
Basin Length	10043.0 m
Form factor	0.39744
Circularity ratio	0.61945
Elongation ratio	0.71112
Highest Stream order	6
Max elevation	531.0 m
Min elevation	417.0 m
Mean bifurcation ratio	2.3163
Stream frequency	73.2240 per km ²
Relief	114.00 m
Drainage density	10.0840 km/km ²
Length of overland flow	49.583 m

CATCHMENT CLIMATOLOGY

