

Pedda Cheru, Kodlapelly (V) Dam

Location	18.8097° N, 78.8978° E
State	Telangana
Nearest City	Jagtial
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
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Dam Type	Earthfill Embankment
Height above lowest foundation level	10.2 m
Dam length	2562.0 m
Reservoir Area	372160.0 m ²
Gross storage capacity	1162000.0 m ³
Effective storage capacity	1162000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	39.8 km ²
Perimeter of catchment	27.2 km
Basin Length	7846.8 m
Form factor	0.64576
Circularity ratio	0.67475
Elongation ratio	0.90645
Highest Stream order	6
Max elevation	464.0 m
Min elevation	262.0 m
Mean bifurcation ratio	6.2523
Stream frequency	73.2620 per km ²
Relief	202.00 m
Drainage density	9.9200 km/km ²
Length of overland flow	50.404 m

CATCHMENT CLIMATOLOGY

