

Pedda Cheru, Stambampally (V) Dam

Location	18.8583° N, 79.1500° E
State	Telangana
Nearest City	Jagtial
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	10.0 m
Dam length	990.0 m
Reservoir Area	300000.0 m ²
Gross storage capacity	1742000.0 m ³
Effective storage capacity	1742000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.4 km ²
Perimeter of catchment	25.2 km
Basin Length	8173.9 m
Form factor	0.38054
Circularity ratio	0.50465
Elongation ratio	0.69584
Highest Stream order	5
Max elevation	360.0 m
Min elevation	154.0 m
Mean bifurcation ratio	2.2135
Stream frequency	75.2800 per km ²
Relief	206.00 m
Drainage density	10.2460 km/km ²
Length of overland flow	48.802 m

CATCHMENT CLIMATOLOGY

