

Pedda Cheru, Lingapur (V) Dam

Location	18.7458° N, 79.0569° E
State	Telangana
Nearest City	Jagtial
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Pedda Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	2321.0 m
Reservoir Area	250000.0 m ²
Gross storage capacity	1000000.0 m ³
Effective storage capacity	1000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	161.8 km ²
Perimeter of catchment	60.2 km
Basin Length	18733.0 m
Form factor	0.46119
Circularity ratio	0.56202
Elongation ratio	0.76604
Highest Stream order	7
Max elevation	489.0 m
Min elevation	224.0 m
Mean bifurcation ratio	2.1716
Stream frequency	72.6410 per km ²
Relief	265.00 m
Drainage density	9.8690 km/km ²
Length of overland flow	50.664 m

CATCHMENT CLIMATOLOGY

