

Pedda Cheru, Thangadpally Dam

Location	17.2264° N, 78.8606° E
State	Telangana
Nearest City	Ramannapet
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Chinnavagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	690.0 m
Reservoir Area	1629000.0 m ²
Gross storage capacity	3884000.0 m ³
Effective storage capacity	2718800.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.0 km ²
Perimeter of catchment	36.1 km
Basin Length	9820.7 m
Form factor	0.49802
Circularity ratio	0.46357
Elongation ratio	0.79604
Highest Stream order	6
Max elevation	663.0 m
Min elevation	374.0 m
Mean bifurcation ratio	4.4661
Stream frequency	76.5730 per km ²
Relief	289.00 m
Drainage density	10.8040 km/km ²
Length of overland flow	46.279 m

CATCHMENT CLIMATOLOGY

