

## Pedda Cheru, Ameenpur Dam

Location	17.5222° N, 78.3264° E
State	Telangana
Nearest City	Sangareddy
Year of Completion	1971
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.4 m
Dam length	1402.0 m
Reservoir Area	1093539.0 m <sup>2</sup>
Gross storage capacity	2045714.0 m <sup>3</sup>
Effective storage capacity	1432000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.5 km <sup>2</sup>
Perimeter of catchment	19.8 km
Basin Length	7133.8 m
Form factor	0.34360
Circularity ratio	0.56202
Elongation ratio	0.66121
Highest Stream order	5
Max elevation	629.0 m
Min elevation	546.0 m
Mean bifurcation ratio	2.2630
Stream frequency	75.4880 per km <sup>2</sup>
Relief	83.00 m
Drainage density	10.5480 km/km <sup>2</sup>
Length of overland flow	47.404 m

## CATCHMENT CLIMATOLOGY

