

## Pedda Cheru, Yelupugonda Dam

Location	18.0339° N, 77.9958° E
State	Telangana
Nearest City	Andol
Year of Completion	1962
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	180.0 m
Reservoir Area	553000.0 m <sup>2</sup>
Gross storage capacity	m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km <sup>2</sup>
Perimeter of catchment	11.8 km
Basin Length	4058.0 m
Form factor	0.41173
Circularity ratio	0.60729
Elongation ratio	0.72380
Highest Stream order	4
Max elevation	522.0 m
Min elevation	455.0 m
Mean bifurcation ratio	2.3282
Stream frequency	74.6290 per km <sup>2</sup>
Relief	67.00 m
Drainage density	9.8410 km/km <sup>2</sup>
Length of overland flow	50.810 m

## CATCHMENT CLIMATOLOGY

