

## Pedda Cheru, Shivanagudem Dam

Location	17.3433° N, 79.0479° E
State	Telangana
Nearest City	Nalgonda
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
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Dam Type	Earthfill Embankment
Height above lowest foundation level	20.0 m
Dam length	1364.0 m
Reservoir Area	1793600.0 m <sup>2</sup>
Gross storage capacity	3944200.0 m <sup>3</sup>
Effective storage capacity	3550000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	48.0 km <sup>2</sup>
Perimeter of catchment	33.4 km
Basin Length	10631.0 m
Form factor	0.42457
Circularity ratio	0.54037
Elongation ratio	0.73499
Highest Stream order	6
Max elevation	389.0 m
Min elevation	287.0 m
Mean bifurcation ratio	2.1316
Stream frequency	70.1080 per km <sup>2</sup>
Relief	102.00 m
Drainage density	9.4230 km/km <sup>2</sup>
Length of overland flow	53.061 m

## CATCHMENT CLIMATOLOGY

