

Pedda Cheru, Vennached Dam

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|--------------------------------------|---|
| Location | 16.9681° N, 77.7744° E |
| State | Telangana |
| Nearest City | Hyderabad |
| Year of Completion | Not Available |
| Operated and Maintained by | Telangana Irrigation and CAD Department |
| River Basin | Krishna |
| River | Ghataprabha |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 10.0 m |
| Dam length | 989.0 m |
| Reservoir Area | 697000.0 m ² |
| Gross storage capacity | 2891000.0 m ³ |
| Effective storage capacity | 2023700.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 44.7 km ² |
| Perimeter of catchment | 32.1 km |
| Basin Length | 10157.0 m |
| Form factor | 0.43317 |
| Circularity ratio | 0.54504 |
| Elongation ratio | 0.74240 |
| Highest Stream order | 6 |
| Max elevation | 606.0 m |
| Min elevation | 496.0 m |
| Mean bifurcation ratio | 2.4692 |
| Stream frequency | 72.7890 per km ² |
| Relief | 110.00 m |
| Drainage density | 9.8710 km/km ² |
| Length of overland flow | 50.654 m |

CATCHMENT CLIMATOLOGY

