

Pedda Cheru, Swamulavari Lingotam Dam

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|--------------------------------------|---|
| Location | 16.8858° N, 78.9172° E |
| State | Telangana |
| Nearest City | Devarakonda |
| Year of Completion | Not Available |
| Operated and Maintained by | Telangana Irrigation and CAD Department |
| River Basin | Krishna |
| River | Local Stream |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 10.0 m |
| Dam length | 518.0 m |
| Reservoir Area | 1203000.0 m ² |
| Gross storage capacity | 1117000.0 m ³ |
| Effective storage capacity | 781900.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 15.2 km ² |
| Perimeter of catchment | 17.5 km |
| Basin Length | 5606.1 m |
| Form factor | 0.48394 |
| Circularity ratio | 0.62320 |
| Elongation ratio | 0.78470 |
| Highest Stream order | 5 |
| Max elevation | 530.0 m |
| Min elevation | 313.0 m |
| Mean bifurcation ratio | 20.3690 |
| Stream frequency | 72.7840 per km ² |
| Relief | 217.00 m |
| Drainage density | 9.8300 km/km ² |
| Length of overland flow | 50.863 m |

CATCHMENT CLIMATOLOGY

