

Ramadugu Dam

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| Location | 18.6233° N, 78.2900° E |
| State | Telangana |
| Nearest City | Nizamabad |
| Year of Completion | 1964 |
| Operated and Maintained by | Telangana Irrigation and CAD Department |
| River Basin | Godavari |
| River | Peddavagu |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 23.0 m |
| Dam length | 787.6 m |
| Reservoir Area | 6350000.0 m ² |
| Gross storage capacity | 18046000.0 m ³ |
| Effective storage capacity | 16265000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 25.7 km ² |
| Perimeter of catchment | 24.1 km |
| Basin Length | 7583.7 m |
| Form factor | 0.44762 |
| Circularity ratio | 0.55933 |
| Elongation ratio | 0.75468 |
| Highest Stream order | 6 |
| Max elevation | 455.0 m |
| Min elevation | 376.0 m |
| Mean bifurcation ratio | 2.1517 |
| Stream frequency | 73.3760 per km ² |
| Relief | 79.00 m |
| Drainage density | 9.9670 km/km ² |
| Length of overland flow | 50.165 m |

CATCHMENT CLIMATOLOGY

