

Pendlipakala Dam

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| Location | 16.6631° N, 78.9797° E |
| State | Telangana |
| Nearest City | Nalgonda |
| Year of Completion | 1938 |
| Operated and Maintained by | Telangana Irrigation and CAD Department |
| River Basin | Krishna |
| River | Uppuvagu |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 19.0 m |
| Dam length | 1366.0 m |
| Reservoir Area | 3943000.0 m ² |
| Gross storage capacity | 15331000.0 m ³ |
| Effective storage capacity | 14538000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 765.3 km ² |
| Perimeter of catchment | 174.2 km |
| Basin Length | 65310.0 m |
| Form factor | 0.17942 |
| Circularity ratio | 0.31714 |
| Elongation ratio | 0.47780 |
| Highest Stream order | 7 |
| Max elevation | 705.0 m |
| Min elevation | 216.0 m |
| Mean bifurcation ratio | 2.1390 |
| Stream frequency | 70.8310 per km ² |
| Relief | 489.00 m |
| Drainage density | 9.6550 km/km ² |
| Length of overland flow | 51.784 m |

CATCHMENT CLIMATOLOGY

