

Hanumantia (Khurda) Dam

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|--------------------------------------|-----------------------------------|
| Location | 20.1000° N, 85.5444° E |
| State | Odisha |
| Nearest City | Khordha |
| Year of Completion | 1983 |
| Operated and Maintained by | Odisha Water Resources Department |
| River Basin | Mahanadi |
| River | Hanumantia |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 17.2 m |
| Dam length | 853.0 m |
| Reservoir Area | 18600000.0 m ² |
| Gross storage capacity | 2434000.0 m ³ |
| Effective storage capacity | 2430000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 2.7 km ² |
| Perimeter of catchment | 6.9 km |
| Basin Length | 2078.3 m |
| Form factor | 0.62347 |
| Circularity ratio | 0.70199 |
| Elongation ratio | 0.89067 |
| Highest Stream order | 4 |
| Max elevation | 104.0 m |
| Min elevation | 35.0 m |
| Mean bifurcation ratio | 12.0410 |
| Stream frequency | 88.7510 per km ² |
| Relief | 69.00 m |
| Drainage density | 11.7420 km/km ² |
| Length of overland flow | 42.584 m |

CATCHMENT CLIMATOLOGY

