

Rengakhar Dam

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| Location | 22.0533° N, 81.2161° E |
| State | Chhattisgarh |
| Nearest City | Kawarha |
| Year of Completion | 1992 |
| Operated and Maintained by | Chhattisgarh Water Resources Department |
| River Basin | Mahanadi |
| River | Local Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 14.9 m |
| Dam length | 780.0 m |
| Reservoir Area | 241000.0 m ² |
| Gross storage capacity | 525000.0 m ³ |
| Effective storage capacity | 506000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 134.6 km ² |
| Perimeter of catchment | 71.8 km |
| Basin Length | 20964.0 m |
| Form factor | 0.30626 |
| Circularity ratio | 0.32804 |
| Elongation ratio | 0.62425 |
| Highest Stream order | 7 |
| Max elevation | 899.0 m |
| Min elevation | 361.0 m |
| Mean bifurcation ratio | 2.2009 |
| Stream frequency | 76.1040 per km ² |
| Relief | 538.00 m |
| Drainage density | 10.3930 km/km ² |
| Length of overland flow | 48.109 m |

CATCHMENT CLIMATOLOGY

