

Risewada Dam

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| Location | 20.3853° N, 81.5981° E |
| State | Chhattisgarh |
| Nearest City | Kanker |
| Year of Completion | 1986 |
| Operated and Maintained by | Chhattisgarh Water Resources Department |
| River Basin | Mahanadi |
| River | Local Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 11.6 m |
| Dam length | 1219.0 m |
| Reservoir Area | 632000.0 m ² |
| Gross storage capacity | 1808000.0 m ³ |
| Effective storage capacity | 1647000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 4.0 km ² |
| Perimeter of catchment | 10.8 km |
| Basin Length | 4286.2 m |
| Form factor | 0.21760 |
| Circularity ratio | 0.43055 |
| Elongation ratio | 0.52619 |
| Highest Stream order | 4 |
| Max elevation | 509.0 m |
| Min elevation | 409.0 m |
| Mean bifurcation ratio | 2.4141 |
| Stream frequency | 80.5480 per km ² |
| Relief | 100.00 m |
| Drainage density | 10.5470 km/km ² |
| Length of overland flow | 47.409 m |

CATCHMENT CLIMATOLOGY

