

Surhi Dam

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| Location | 21.6803° N, 80.9333° E |
| State | Chhattisgarh |
| Nearest City | Rajnandgaon |
| Year of Completion | 1966 |
| Operated and Maintained by | Chhattisgarh Water Resources Department |
| River Basin | Mahanadi |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 21.0 m |
| Dam length | 2166.0 m |
| Reservoir Area | 4250000.0 m ² |
| Gross storage capacity | 22150000.0 m ³ |
| Effective storage capacity | 21620000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 6.2 km ² |
| Perimeter of catchment | 11.7 km |
| Basin Length | 3253.3 m |
| Form factor | 0.58585 |
| Circularity ratio | 0.57229 |
| Elongation ratio | 0.86338 |
| Highest Stream order | 5 |
| Max elevation | 676.0 m |
| Min elevation | 443.0 m |
| Mean bifurcation ratio | 6.3040 |
| Stream frequency | 84.8320 per km ² |
| Relief | 233.00 m |
| Drainage density | 11.8420 km/km ² |
| Length of overland flow | 42.224 m |

CATCHMENT CLIMATOLOGY

