

Gurari Dam

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| Location | 22.9328° N, 77.1250° E |
| State | Madhya Pradesh |
| Nearest City | Ichhwar |
| Year of Completion | 1986 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Narmada |
| River | Kolar |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 14.8 m |
| Dam length | 823.2 m |
| Reservoir Area | 500000.0 m ² |
| Gross storage capacity | 1657000.0 m ³ |
| Effective storage capacity | 1539000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 3.6 km ² |
| Perimeter of catchment | 8.3 km |
| Basin Length | 2830.9 m |
| Form factor | 0.45073 |
| Circularity ratio | 0.65497 |
| Elongation ratio | 0.75730 |
| Highest Stream order | 4 |
| Max elevation | 515.0 m |
| Min elevation | 489.0 m |
| Mean bifurcation ratio | 2.3340 |
| Stream frequency | 76.1300 per km ² |
| Relief | 26.00 m |
| Drainage density | 9.8810 km/km ² |
| Length of overland flow | 50.602 m |

CATCHMENT CLIMATOLOGY

