

Lokpal Sagar Dam

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|--------------------------------------|---|
| Location | 24.7219° N, 80.2100° E |
| State | Madhya Pradesh |
| Nearest City | Panna |
| Year of Completion | 1909 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Ganga |
| River | Ranj |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 19.5 m |
| Dam length | 2100.0 m |
| Reservoir Area | 1010205.0 m ² |
| Gross storage capacity | 6340000.0 m ³ |
| Effective storage capacity | 6262000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 3.2 km ² |
| Perimeter of catchment | 7.4 km |
| Basin Length | 2327.1 m |
| Form factor | 0.59612 |
| Circularity ratio | 0.73914 |
| Elongation ratio | 0.87092 |
| Highest Stream order | 4 |
| Max elevation | 479.0 m |
| Min elevation | 391.0 m |
| Mean bifurcation ratio | 3.0565 |
| Stream frequency | 93.8580 per km ² |
| Relief | 88.00 m |
| Drainage density | 13.3560 km/km ² |
| Length of overland flow | 37.436 m |

CATCHMENT CLIMATOLOGY

