

Lalawadi Dam

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|--------------------------------------|---|
| Location | 21.8972° N, 78.1833° E |
| State | Madhya Pradesh |
| Nearest City | Multai |
| Year of Completion | 1983 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Godavari |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 13.1 m |
| Dam length | 840.0 m |
| Reservoir Area | 204000.0 m ² |
| Gross storage capacity | 710000.0 m ³ |
| Effective storage capacity | 634000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 2.3 km ² |
| Perimeter of catchment | 6.7 km |
| Basin Length | 2074.3 m |
| Form factor | 0.53482 |
| Circularity ratio | 0.64449 |
| Elongation ratio | 0.82492 |
| Highest Stream order | 4 |
| Max elevation | 796.0 m |
| Min elevation | 732.0 m |
| Mean bifurcation ratio | 2.9262 |
| Stream frequency | 79.9580 per km ² |
| Relief | 64.00 m |
| Drainage density | 10.5850 km/km ² |
| Length of overland flow | 47.236 m |

CATCHMENT CLIMATOLOGY

