

Morjhiri Dam

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| Location | 22.8911° N, 74.7931° E |
| State | Madhya Pradesh |
| Nearest City | Petlawad |
| Year of Completion | 1988 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Mahi |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 19.0 m |
| Dam length | 236.0 m |
| Reservoir Area | 513000.0 m ² |
| Gross storage capacity | 2170000.0 m ³ |
| Effective storage capacity | 1933000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 12.5 km ² |
| Perimeter of catchment | 16.0 km |
| Basin Length | 6356.4 m |
| Form factor | 0.30930 |
| Circularity ratio | 0.61092 |
| Elongation ratio | 0.62733 |
| Highest Stream order | 5 |
| Max elevation | 527.0 m |
| Min elevation | 412.0 m |
| Mean bifurcation ratio | 2.4509 |
| Stream frequency | 73.4590 per km ² |
| Relief | 115.00 m |
| Drainage density | 9.6330 km/km ² |
| Length of overland flow | 51.904 m |

CATCHMENT CLIMATOLOGY

