

Bhimpur Dam

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|--------------------------------------|---|
| Location | 21.9256° N, 77.5647° E |
| State | Madhya Pradesh |
| Nearest City | Bhainsdehi |
| Year of Completion | 1974 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Tapi |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 14.2 m |
| Dam length | 558.0 m |
| Reservoir Area | 253000.0 m ² |
| Gross storage capacity | 858000000.0 m ³ |
| Effective storage capacity | 791000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 4.7 km ² |
| Perimeter of catchment | 11.3 km |
| Basin Length | 4748.9 m |
| Form factor | 0.20909 |
| Circularity ratio | 0.46543 |
| Elongation ratio | 0.51580 |
| Highest Stream order | 4 |
| Max elevation | 610.0 m |
| Min elevation | 537.0 m |
| Mean bifurcation ratio | 2.2075 |
| Stream frequency | 77.1930 per km ² |
| Relief | 73.00 m |
| Drainage density | 9.8850 km/km ² |
| Length of overland flow | 50.580 m |

CATCHMENT CLIMATOLOGY

