

Hathaikheda Dam

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|--------------------------------------|---|
| Location | 23.2683° N, 77.4978° E |
| State | Madhya Pradesh |
| Nearest City | Bhopal |
| Year of Completion | 1960 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Ganga |
| River | Ajnar |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 17.1 m |
| Dam length | 1581.0 m |
| Reservoir Area | 3130000.0 m ² |
| Gross storage capacity | 16277000.0 m ³ |
| Effective storage capacity | 1524000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 7.1 km ² |
| Perimeter of catchment | 15.1 km |
| Basin Length | 6390.5 m |
| Form factor | 0.17288 |
| Circularity ratio | 0.38957 |
| Elongation ratio | 0.46901 |
| Highest Stream order | 4 |
| Max elevation | 509.0 m |
| Min elevation | 458.0 m |
| Mean bifurcation ratio | 2.8032 |
| Stream frequency | 70.8210 per km ² |
| Relief | 51.00 m |
| Drainage density | 9.0140 km/km ² |
| Length of overland flow | 55.470 m |

CATCHMENT CLIMATOLOGY

