

Konajhir Dam

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|--------------------------------------|---|
| Location | 23.1303° N, 77.0481° E |
| State | Madhya Pradesh |
| Nearest City | Sehore |
| Year of Completion | 1940 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Ganga |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 11.1 m |
| Dam length | 1200.0 m |
| Reservoir Area | 1140000.0 m ² |
| Gross storage capacity | 1035000.0 m ³ |
| Effective storage capacity | 1005000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 4.5 km ² |
| Perimeter of catchment | 8.9 km |
| Basin Length | 2757.7 m |
| Form factor | 0.59604 |
| Circularity ratio | 0.71226 |
| Elongation ratio | 0.87086 |
| Highest Stream order | 4 |
| Max elevation | 605.0 m |
| Min elevation | 513.0 m |
| Mean bifurcation ratio | 2.2790 |
| Stream frequency | 82.0660 per km ² |
| Relief | 92.00 m |
| Drainage density | 11.3100 km/km ² |
| Length of overland flow | 44.210 m |

CATCHMENT CLIMATOLOGY

