

Barodia Dam

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| Location | 23.6531° N, 77.0444° E |
| State | Madhya Pradesh |
| Nearest City | N Garh |
| Year of Completion | 1961 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Ganga |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 12.2 m |
| Dam length | 2506.0 m |
| Reservoir Area | 238000.0 m ² |
| Gross storage capacity | 6223000.0 m ³ |
| Effective storage capacity | 5827000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 9.6 km ² |
| Perimeter of catchment | 15.0 km |
| Basin Length | 3944.2 m |
| Form factor | 0.61731 |
| Circularity ratio | 0.54009 |
| Elongation ratio | 0.88626 |
| Highest Stream order | 5 |
| Max elevation | 497.0 m |
| Min elevation | 461.0 m |
| Mean bifurcation ratio | 4.0872 |
| Stream frequency | 75.8080 per km ² |
| Relief | 36.00 m |
| Drainage density | 10.0350 km/km ² |
| Length of overland flow | 49.827 m |

CATCHMENT CLIMATOLOGY

