

Chargaon Dam

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|--------------------------------------|---|
| Location | 23.0717° N, 80.2581° E |
| State | Madhya Pradesh |
| Nearest City | Niwas |
| Year of Completion | 1985 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Narmada |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 13.8 m |
| Dam length | 720.0 m |
| Reservoir Area | 230000.0 m ² |
| Gross storage capacity | 917000.0 m ³ |
| Effective storage capacity | 827000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 4.0 km ² |
| Perimeter of catchment | 8.1 km |
| Basin Length | 2175.4 m |
| Form factor | 0.85440 |
| Circularity ratio | 0.77615 |
| Elongation ratio | 1.04270 |
| Highest Stream order | 4 |
| Max elevation | 624.0 m |
| Min elevation | 475.0 m |
| Mean bifurcation ratio | 3.0405 |
| Stream frequency | 79.8830 per km ² |
| Relief | 149.00 m |
| Drainage density | 11.0120 km/km ² |
| Length of overland flow | 45.405 m |

CATCHMENT CLIMATOLOGY

