

Kacheri Feeder Dam

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|--------------------------------------|---|
| Location | 24.4378° N, 79.3083° E |
| State | Madhya Pradesh |
| Nearest City | Bijawar |
| Year of Completion | 1972 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Ganga |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 11.0 m |
| Dam length | 178.0 m |
| Reservoir Area | 523000.0 m ² |
| Gross storage capacity | 1105000.0 m ³ |
| Effective storage capacity | 975000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 4.6 km ² |
| Perimeter of catchment | 9.6 km |
| Basin Length | 2899.9 m |
| Form factor | 0.54712 |
| Circularity ratio | 0.62209 |
| Elongation ratio | 0.83435 |
| Highest Stream order | 5 |
| Max elevation | 425.0 m |
| Min elevation | 361.0 m |
| Mean bifurcation ratio | 2.5584 |
| Stream frequency | 79.3290 per km ² |
| Relief | 64.00 m |
| Drainage density | 10.3800 km/km ² |
| Length of overland flow | 48.170 m |

CATCHMENT CLIMATOLOGY

