

Vindhya Wasini Dam

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|--------------------------------------|---|
| Location | 24.1744° N, 79.1228° E |
| State | Madhya Pradesh |
| Nearest City | Tikamgarh |
| Year of Completion | 1986 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Ganga |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 19.3 m |
| Dam length | 660.0 m |
| Reservoir Area | 458112.0 m ² |
| Gross storage capacity | 2580000.0 m ³ |
| Effective storage capacity | 1806000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 16.1 km ² |
| Perimeter of catchment | 19.8 km |
| Basin Length | 6265.2 m |
| Form factor | 0.41116 |
| Circularity ratio | 0.52008 |
| Elongation ratio | 0.72330 |
| Highest Stream order | 5 |
| Max elevation | 516.0 m |
| Min elevation | 465.0 m |
| Mean bifurcation ratio | 2.2588 |
| Stream frequency | 73.2370 per km ² |
| Relief | 51.00 m |
| Drainage density | 9.5950 km/km ² |
| Length of overland flow | 52.113 m |

CATCHMENT CLIMATOLOGY

