

Kalapat Dam

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|--------------------------------------|---|
| Location | 21.2575° N, 76.2819° E |
| State | Madhya Pradesh |
| Nearest City | Khandwa |
| Year of Completion | 1984 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Tapi |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 14.9 m |
| Dam length | 366.0 m |
| Reservoir Area | 450000.0 m ² |
| Gross storage capacity | 1825000.0 m ³ |
| Effective storage capacity | 1630000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 370.4 km ² |
| Perimeter of catchment | 112.1 km |
| Basin Length | 42872.0 m |
| Form factor | 0.20153 |
| Circularity ratio | 0.37082 |
| Elongation ratio | 0.50638 |
| Highest Stream order | 8 |
| Max elevation | 864.0 m |
| Min elevation | 241.0 m |
| Mean bifurcation ratio | 2.3507 |
| Stream frequency | 76.5540 per km ² |
| Relief | 623.00 m |
| Drainage density | 10.5830 km/km ² |
| Length of overland flow | 47.246 m |

CATCHMENT CLIMATOLOGY

