

Humnapath Dam

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|--------------------------------------|---|
| Location | 21.8350° N, 78.1942° E |
| State | Madhya Pradesh |
| Nearest City | Multai |
| Year of Completion | 1980 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Tapi |
| River | Nagarghati |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 11.1 m |
| Dam length | 480.0 m |
| Reservoir Area | 276000.0 m ² |
| Gross storage capacity | 1050000.0 m ³ |
| Effective storage capacity | 979000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 4.0 km ² |
| Perimeter of catchment | 9.3 km |
| Basin Length | 2490.9 m |
| Form factor | 0.63925 |
| Circularity ratio | 0.57811 |
| Elongation ratio | 0.90187 |
| Highest Stream order | 4 |
| Max elevation | 780.0 m |
| Min elevation | 738.0 m |
| Mean bifurcation ratio | 2.5586 |
| Stream frequency | 71.3520 per km ² |
| Relief | 42.00 m |
| Drainage density | 8.8430 km/km ² |
| Length of overland flow | 56.545 m |

CATCHMENT CLIMATOLOGY

