

Dhotane Dam

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| Location | 20.2828° N, 74.4861° E |
| State | Maharashtra |
| Nearest City | Nandgaon |
| Year of Completion | 2006 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Tapi |
| River | Panzan |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 15.0 m |
| Dam length | 1500.0 m |
| Reservoir Area | 704900.0 m ² |
| Gross storage capacity | 1964550.0 m ³ |
| Effective storage capacity | 928900.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 231.7 km ² |
| Perimeter of catchment | 75.3 km |
| Basin Length | 23220.0 m |
| Form factor | 0.42971 |
| Circularity ratio | 0.51303 |
| Elongation ratio | 0.73943 |
| Highest Stream order | 7 |
| Max elevation | 904.0 m |
| Min elevation | 533.0 m |
| Mean bifurcation ratio | 4.1866 |
| Stream frequency | 74.5130 per km ² |
| Relief | 371.00 m |
| Drainage density | 10.2080 km/km ² |
| Length of overland flow | 48.983 m |

CATCHMENT CLIMATOLOGY

