

Watephal Dam

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| Location | 18.4644° N, 75.4117° E |
| State | Maharashtra |
| Nearest City | Paranda |
| Year of Completion | 2000 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Krishna |
| River | Local Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 15.1 m |
| Dam length | 680.0 m |
| Reservoir Area | 114200.0 m ² |
| Gross storage capacity | 4266000.0 m ³ |
| Effective storage capacity | 3916000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 38.3 km ² |
| Perimeter of catchment | 27.6 km |
| Basin Length | 10166.0 m |
| Form factor | 0.37020 |
| Circularity ratio | 0.63286 |
| Elongation ratio | 0.68632 |
| Highest Stream order | 6 |
| Max elevation | 602.0 m |
| Min elevation | 520.0 m |
| Mean bifurcation ratio | 2.2984 |
| Stream frequency | 79.4860 per km ² |
| Relief | 82.00 m |
| Drainage density | 11.3250 km/km ² |
| Length of overland flow | 44.151 m |

CATCHMENT CLIMATOLOGY

