

Ghanwatpur Dam

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| Location | 20.1356° N, 76.5933° E |
| State | Maharashtra |
| Nearest City | Mehkar |
| Year of Completion | 1978 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Godavari |
| River | Local Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 11.7 m |
| Dam length | 902.0 m |
| Reservoir Area | 94000.0 m ² |
| Gross storage capacity | 2880000.0 m ³ |
| Effective storage capacity | 2360000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 19.8 km ² |
| Perimeter of catchment | 19.0 km |
| Basin Length | 6519.4 m |
| Form factor | 0.46498 |
| Circularity ratio | 0.68599 |
| Elongation ratio | 0.76918 |
| Highest Stream order | 5 |
| Max elevation | 569.0 m |
| Min elevation | 514.0 m |
| Mean bifurcation ratio | 2.3677 |
| Stream frequency | 76.4550 per km ² |
| Relief | 55.00 m |
| Drainage density | 10.5820 km/km ² |
| Length of overland flow | 47.250 m |

CATCHMENT CLIMATOLOGY

