

Guttewadi Dam

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| Location | 18.7511° N, 76.6633° E |
| State | Maharashtra |
| Nearest City | Ambajogai |
| 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 | 14.4 m |
| Dam length | 187.0 m |
| Reservoir Area | 586000.0 m ² |
| Gross storage capacity | 1813000.0 m ³ |
| Effective storage capacity | 1698000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 20.8 km ² |
| Perimeter of catchment | 20.8 km |
| Basin Length | 7279.7 m |
| Form factor | 0.39191 |
| Circularity ratio | 0.60104 |
| Elongation ratio | 0.70616 |
| Highest Stream order | 5 |
| Max elevation | 656.0 m |
| Min elevation | 544.0 m |
| Mean bifurcation ratio | 3.0865 |
| Stream frequency | 72.6560 per km ² |
| Relief | 112.00 m |
| Drainage density | 9.7780 km/km ² |
| Length of overland flow | 51.135 m |

CATCHMENT CLIMATOLOGY

