

Mahirawani Dam

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| Location | 19.9631° N, 73.6606° E |
| State | Maharashtra |
| Nearest City | Nashik |
| Year of Completion | 1978 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Godavari |
| River | Nasardi |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 25.5 m |
| Dam length | 443.0 m |
| Reservoir Area | 400000.0 m ² |
| Gross storage capacity | 2650000.0 m ³ |
| Effective storage capacity | 2520000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 10.9 km ² |
| Perimeter of catchment | 14.3 km |
| Basin Length | 4340.8 m |
| Form factor | 0.57657 |
| Circularity ratio | 0.67194 |
| Elongation ratio | 0.85651 |
| Highest Stream order | 5 |
| Max elevation | 943.0 m |
| Min elevation | 667.0 m |
| Mean bifurcation ratio | 2.5665 |
| Stream frequency | 80.2640 per km ² |
| Relief | 276.00 m |
| Drainage density | 11.5150 km/km ² |
| Length of overland flow | 43.420 m |

CATCHMENT CLIMATOLOGY

