

Gotala Dam

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| Location | 18.6347° N, 76.8947° E |
| State | Maharashtra |
| Nearest City | Ahmedpur |
| Year of Completion | 1971 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Godavari |
| River | Local Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 15.6 m |
| Dam length | 1020.0 m |
| Reservoir Area | 810000.0 m ² |
| Gross storage capacity | 3434000.0 m ³ |
| Effective storage capacity | 3216000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 19.9 km ² |
| Perimeter of catchment | 18.7 km |
| Basin Length | 6089.8 m |
| Form factor | 0.53528 |
| Circularity ratio | 0.71592 |
| Elongation ratio | 0.82527 |
| Highest Stream order | 6 |
| Max elevation | 625.0 m |
| Min elevation | 522.0 m |
| Mean bifurcation ratio | 4.1890 |
| Stream frequency | 79.7440 per km ² |
| Relief | 103.00 m |
| Drainage density | 11.2000 km/km ² |
| Length of overland flow | 44.641 m |

CATCHMENT CLIMATOLOGY

