

Rui Chatrapati Dam

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| Location | 18.9236° N, 74.5619° E |
| State | Maharashtra |
| Nearest City | Parner |
| Year of Completion | 1980 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Krishna |
| River | Gopal Ganga |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 10.8 m |
| Dam length | 420.0 m |
| Reservoir Area | 46000.0 m ² |
| Gross storage capacity | 1350000.0 m ³ |
| Effective storage capacity | 1070000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 29.6 km ² |
| Perimeter of catchment | 22.8 km |
| Basin Length | 7399.0 m |
| Form factor | 0.54001 |
| Circularity ratio | 0.71509 |
| Elongation ratio | 0.82891 |
| Highest Stream order | 5 |
| Max elevation | 858.0 m |
| Min elevation | 652.0 m |
| Mean bifurcation ratio | 2.5069 |
| Stream frequency | 77.4970 per km ² |
| Relief | 206.00 m |
| Drainage density | 10.8240 km/km ² |
| Length of overland flow | 46.193 m |

CATCHMENT CLIMATOLOGY

