

Chhoti Amarawali Dam

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|--------------------------------------|---|
| Location | 21.1972° N, 78.6214° E |
| State | Madhya Pradesh |
| Nearest City | Multai |
| Year of Completion | 1978 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Godavari |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 12.0 m |
| Dam length | 609.0 m |
| Reservoir Area | 862000.0 m ² |
| Gross storage capacity | 2470000.0 m ³ |
| Effective storage capacity | 2324000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 1.6 km ² |
| Perimeter of catchment | 6.1 km |
| Basin Length | 1401.7 m |
| Form factor | 0.81918 |
| Circularity ratio | 0.54604 |
| Elongation ratio | 1.02090 |
| Highest Stream order | 4 |
| Max elevation | 532.0 m |
| Min elevation | 444.0 m |
| Mean bifurcation ratio | 2.9534 |
| Stream frequency | 82.6330 per km ² |
| Relief | 88.00 m |
| Drainage density | 10.0010 km/km ² |
| Length of overland flow | 49.994 m |

CATCHMENT CLIMATOLOGY

