

Hathani Dam

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|--------------------------------------|---|
| Location | 22.0683° N, 79.2656° E |
| State | Madhya Pradesh |
| Nearest City | Alirajpur |
| Year of Completion | 1998 |
| Operated and Maintained by | Madhya Pradesh Water Resources Department |
| River Basin | Godavari |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 18.1 m |
| Dam length | 220.0 m |
| Reservoir Area | 354000.0 m ² |
| Gross storage capacity | 1470000.0 m ³ |
| Effective storage capacity | 1229000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 10.0 km ² |
| Perimeter of catchment | 13.2 km |
| Basin Length | 3717.3 m |
| Form factor | 0.72207 |
| Circularity ratio | 0.71670 |
| Elongation ratio | 0.95851 |
| Highest Stream order | 5 |
| Max elevation | 651.0 m |
| Min elevation | 621.0 m |
| Mean bifurcation ratio | 2.4142 |
| Stream frequency | 71.5610 per km ² |
| Relief | 30.00 m |
| Drainage density | 9.3450 km/km ² |
| Length of overland flow | 53.505 m |

CATCHMENT CLIMATOLOGY

