

Shivana Takli Dam

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|--------------------------------------|----------------------------------------|
| Location | 20.1181° N, 75.0833° E |
| State | Maharashtra |
| Nearest City | Kannad |
| Year of Completion | 2005 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Godavari |
| River | Shivna |
| Dam Type | Other |
| Height above lowest foundation level | 14.8 m |
| Dam length | 4486.0 m |
| Reservoir Area | 9640000.0 m ² |
| Gross storage capacity | 39360000.0 m ³ |
| Effective storage capacity | 36450000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 596.0 km ² |
| Perimeter of catchment | 128.7 km |
| Basin Length | 27872.0 m |
| Form factor | 0.76719 |
| Circularity ratio | 0.45242 |
| Elongation ratio | 0.98801 |
| Highest Stream order | 8 |
| Max elevation | 935.0 m |
| Min elevation | 546.0 m |
| Mean bifurcation ratio | 2.5984 |
| Stream frequency | 77.8740 per km ² |
| Relief | 389.00 m |
| Drainage density | 10.9260 km/km ² |
| Length of overland flow | 45.761 m |

CATCHMENT CLIMATOLOGY

