

Sukhana Dam

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| Location | 19.8083° N, 75.5167° E |
| State | Maharashtra |
| Nearest City | Aurangabad |
| Year of Completion | 1968 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Godavari |
| River | Sukhana |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 18.9 m |
| Dam length | 3536.0 m |
| Reservoir Area | 6782000.0 m ² |
| Gross storage capacity | 21350000.0 m ³ |
| Effective storage capacity | 18500000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 229.4 km ² |
| Perimeter of catchment | 74.3 km |
| Basin Length | 24161.0 m |
| Form factor | 0.39303 |
| Circularity ratio | 0.52191 |
| Elongation ratio | 0.70717 |
| Highest Stream order | 7 |
| Max elevation | 929.0 m |
| Min elevation | 528.0 m |
| Mean bifurcation ratio | 2.1598 |
| Stream frequency | 76.0260 per km ² |
| Relief | 401.00 m |
| Drainage density | 10.5850 km/km ² |
| Length of overland flow | 47.239 m |

CATCHMENT CLIMATOLOGY

