

Shivdav Dam

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| Location | 16.2378° N, 73.7872° E |
| State | Maharashtra |
| Nearest City | Kankavali |
| Year of Completion | 1990 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | West Coast |
| River | Local Nala |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 24.8 m |
| Dam length | 264.0 m |
| Reservoir Area | 224060.0 m ² |
| Gross storage capacity | 2687000.0 m ³ |
| Effective storage capacity | 2648000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 4.1 km ² |
| Perimeter of catchment | 8.6 km |
| Basin Length | 2597.6 m |
| Form factor | 0.61207 |
| Circularity ratio | 0.69804 |
| Elongation ratio | 0.88249 |
| Highest Stream order | 4 |
| Max elevation | 186.0 m |
| Min elevation | 69.0 m |
| Mean bifurcation ratio | 2.3113 |
| Stream frequency | 70.4630 per km ² |
| Relief | 117.00 m |
| Drainage density | 9.3890 km/km ² |
| Length of overland flow | 53.254 m |

CATCHMENT CLIMATOLOGY

