

Velvatti Dam

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| Location | 16.1142° N, 74.1644° E |
| State | Maharashtra |
| Nearest City | Arja |
| Year of Completion | 2013 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Krishna |
| River | Local Nala |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 18.1 m |
| Dam length | 200.0 m |
| Reservoir Area | 92520000.0 m ² |
| Gross storage capacity | 571.3 m ³ |
| Effective storage capacity | 519.1 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 9.1 km ² |
| Perimeter of catchment | 11.8 km |
| Basin Length | 2750.7 m |
| Form factor | 1.20690 |
| Circularity ratio | 0.82213 |
| Elongation ratio | 1.23920 |
| Highest Stream order | 5 |
| Max elevation | 958.0 m |
| Min elevation | 670.0 m |
| Mean bifurcation ratio | 5.4507 |
| Stream frequency | 88.1540 per km ² |
| Relief | 288.00 m |
| Drainage density | 12.9690 km/km ² |
| Length of overland flow | 38.553 m |

CATCHMENT CLIMATOLOGY

