

Kawalwadi Dam

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| Location | 18.7800° N, 76.7808° E |
| State | Maharashtra |
| Nearest City | Ahmedpur |
| Year of Completion | 2008 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | Godavari |
| River | Local Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 17.0 m |
| Dam length | 262.0 m |
| Reservoir Area | 3811000.0 m ² |
| Gross storage capacity | 2162000.0 m ³ |
| Effective storage capacity | 1987000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 10.4 km ² |
| Perimeter of catchment | 13.0 km |
| Basin Length | 3431.7 m |
| Form factor | 0.88380 |
| Circularity ratio | 0.77927 |
| Elongation ratio | 1.06040 |
| Highest Stream order | 5 |
| Max elevation | 570.0 m |
| Min elevation | 475.0 m |
| Mean bifurcation ratio | 2.5018 |
| Stream frequency | 76.8650 per km ² |
| Relief | 95.00 m |
| Drainage density | 10.6820 km/km ² |
| Length of overland flow | 46.809 m |

CATCHMENT CLIMATOLOGY

