

Gavadi Dam

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| Location | 16.8319° N, 73.7554° E |
| State | Maharashtra |
| Nearest City | Shahuwadi |
| Year of Completion | 2013 |
| Operated and Maintained by | Maharashtra Water Resources Department |
| River Basin | West Coast |
| River | Local Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 21.9 m |
| Dam length | 410.0 m |
| Reservoir Area | 20184.0 m ² |
| Gross storage capacity | 2457000.0 m ³ |
| Effective storage capacity | 2159000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 6.5 km ² |
| Perimeter of catchment | 13.8 km |
| Basin Length | 3294.1 m |
| Form factor | 0.59476 |
| Circularity ratio | 0.42639 |
| Elongation ratio | 0.86992 |
| Highest Stream order | 4 |
| Max elevation | 812.0 m |
| Min elevation | 597.0 m |
| Mean bifurcation ratio | 2.5596 |
| Stream frequency | 76.7000 per km ² |
| Relief | 215.00 m |
| Drainage density | 10.3460 km/km ² |
| Length of overland flow | 48.329 m |

CATCHMENT CLIMATOLOGY

