

Medha Creek Tr Dam

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| Location | 21.8333° N, 70.3636° E |
| State | Gujarat |
| Nearest City | Porbandar |
| Year of Completion | 1993 |
| Operated and Maintained by | Gujarat Engineering Research Institute |
| River Basin | Sabarmati |
| River | Medha Creek |
| Dam Type | Other |
| Height above lowest foundation level | 10.2 m |
| Dam length | 2200.0 m |
| Reservoir Area | 38780000.0 m ² |
| Gross storage capacity | 49000000.0 m ³ |
| Effective storage capacity | 45000000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 44.6 km ² |
| Perimeter of catchment | 36.3 km |
| Basin Length | 13843.0 m |
| Form factor | 0.23297 |
| Circularity ratio | 0.42574 |
| Elongation ratio | 0.54445 |
| Highest Stream order | 5 |
| Max elevation | 145.0 m |
| Min elevation | 68.0 m |
| Mean bifurcation ratio | 2.2688 |
| Stream frequency | 69.9570 per km ² |
| Relief | 77.00 m |
| Drainage density | 9.0820 km/km ² |
| Length of overland flow | 55.052 m |

CATCHMENT CLIMATOLOGY

