

Aamli Chharchhoda Dam

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| Location | 22.7167° N, 74.1833° E |
| State | Gujarat |
| Nearest City | Dahod |
| Year of Completion | 1959 |
| Operated and Maintained by | Gujarat Engineering Research Institute |
| River Basin | Mahi |
| River | Kotar |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 11.0 m |
| Dam length | 600.0 m |
| Reservoir Area | 44500.0 m ² |
| Gross storage capacity | 250000.0 m ³ |
| Effective storage capacity | 220000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 8.7 km ² |
| Perimeter of catchment | 12.5 km |
| Basin Length | 3488.5 m |
| Form factor | 0.71624 |
| Circularity ratio | 0.69704 |
| Elongation ratio | 0.95464 |
| Highest Stream order | 5 |
| Max elevation | 480.0 m |
| Min elevation | 364.0 m |
| Mean bifurcation ratio | 2.8758 |
| Stream frequency | 77.5570 per km ² |
| Relief | 116.00 m |
| Drainage density | 10.1200 km/km ² |
| Length of overland flow | 49.406 m |

CATCHMENT CLIMATOLOGY

