

Bambhanka Dam

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| Location | 23.8219° N, 70.3189° E |
| State | Gujarat |
| Nearest City | Bhachau |
| Year of Completion | 1966 |
| Operated and Maintained by | Gujarat Engineering Research Institute |
| River Basin | Sabarmati |
| River | Gangui Nadi |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 11.7 m |
| Dam length | 1335.6 m |
| Reservoir Area | 544000.0 m ² |
| Gross storage capacity | 1558000.0 m ³ |
| Effective storage capacity | 1274000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 27.9 km ² |
| Perimeter of catchment | 29.4 km |
| Basin Length | 10532.0 m |
| Form factor | 0.25197 |
| Circularity ratio | 0.40742 |
| Elongation ratio | 0.56622 |
| Highest Stream order | 5 |
| Max elevation | 257.0 m |
| Min elevation | 7.0 m |
| Mean bifurcation ratio | 2.7965 |
| Stream frequency | 81.6160 per km ² |
| Relief | 250.00 m |
| Drainage density | 11.2030 km/km ² |
| Length of overland flow | 44.631 m |

CATCHMENT CLIMATOLOGY

