

Kaila Dam

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| Location | 23.3717° N, 69.5958° E |
| State | Gujarat |
| Nearest City | Bhuj |
| Year of Completion | 1983 |
| Operated and Maintained by | Gujarat Engineering Research Institute |
| River Basin | Sabarmati |
| River | Kyala |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 27.5 m |
| Dam length | 814.0 m |
| Reservoir Area | 324000.0 m ² |
| Gross storage capacity | 19980000.0 m ³ |
| Effective storage capacity | 19230000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 180.4 km ² |
| Perimeter of catchment | 75.8 km |
| Basin Length | 23133.0 m |
| Form factor | 0.33709 |
| Circularity ratio | 0.39457 |
| Elongation ratio | 0.65491 |
| Highest Stream order | 7 |
| Max elevation | 318.0 m |
| Min elevation | 45.0 m |
| Mean bifurcation ratio | 2.6842 |
| Stream frequency | 80.7180 per km ² |
| Relief | 273.00 m |
| Drainage density | 11.1690 km/km ² |
| Length of overland flow | 44.768 m |

CATCHMENT CLIMATOLOGY

