

Khodapipar Dam

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| Location | 22.5542° N, 70.6111° E |
| State | Gujarat |
| Nearest City | Padadhari |
| Year of Completion | 2000 |
| Operated and Maintained by | Gujarat Engineering Research Institute |
| River Basin | Sabarmati |
| River | Ghogham |
| Dam Type | Other |
| Height above lowest foundation level | 13.7 m |
| Dam length | 3246.6 m |
| Reservoir Area | 2370000.0 m ² |
| Gross storage capacity | 3000000.0 m ³ |
| Effective storage capacity | 2340000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 54.7 km ² |
| Perimeter of catchment | 37.4 km |
| Basin Length | 15895.0 m |
| Form factor | 0.21638 |
| Circularity ratio | 0.49247 |
| Elongation ratio | 0.52471 |
| Highest Stream order | 6 |
| Max elevation | 111.0 m |
| Min elevation | 48.0 m |
| Mean bifurcation ratio | 2.1152 |
| Stream frequency | 68.0430 per km ² |
| Relief | 63.00 m |
| Drainage density | 8.5340 km/km ² |
| Length of overland flow | 58.593 m |

CATCHMENT CLIMATOLOGY

