

Falku Dam

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| Location | 22.9547° N, 71.4211° E |
| State | Gujarat |
| Nearest City | Dhrangadhara |
| Year of Completion | 1992 |
| Operated and Maintained by | Gujarat Engineering Research Institute |
| River Basin | Sabarmati |
| River | Falku |
| Dam Type | Other |
| Height above lowest foundation level | 11.4 m |
| Dam length | 4712.0 m |
| Reservoir Area | 5480000.0 m ² |
| Gross storage capacity | 13020000.0 m ³ |
| Effective storage capacity | 12690000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 171.9 km ² |
| Perimeter of catchment | 68.2 km |
| Basin Length | 24582.0 m |
| Form factor | 0.28442 |
| Circularity ratio | 0.46442 |
| Elongation ratio | 0.60158 |
| Highest Stream order | 6 |
| Max elevation | 125.0 m |
| Min elevation | 48.0 m |
| Mean bifurcation ratio | 2.3642 |
| Stream frequency | 71.5170 per km ² |
| Relief | 77.00 m |
| Drainage density | 9.1860 km/km ² |
| Length of overland flow | 54.434 m |

CATCHMENT CLIMATOLOGY

