

Sindhani Dam

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| Location | 21.9500° N, 70.3500° E |
| State | Gujarat |
| Nearest City | Kalavad |
| Year of Completion | 2000 |
| Operated and Maintained by | Gujarat Engineering Research Institute |
| River Basin | Sabarmati |
| River | Phopal |
| Dam Type | Other |
| Height above lowest foundation level | 13.9 m |
| Dam length | 3310.0 m |
| Reservoir Area | 3034000.0 m ² |
| Gross storage capacity | 6120000.0 m ³ |
| Effective storage capacity | 5880000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 45.5 km ² |
| Perimeter of catchment | 29.6 km |
| Basin Length | 9584.5 m |
| Form factor | 0.49486 |
| Circularity ratio | 0.65062 |
| Elongation ratio | 0.79350 |
| Highest Stream order | 6 |
| Max elevation | 146.0 m |
| Min elevation | 97.0 m |
| Mean bifurcation ratio | 2.4219 |
| Stream frequency | 71.5370 per km ² |
| Relief | 49.00 m |
| Drainage density | 9.2940 km/km ² |
| Length of overland flow | 53.801 m |

CATCHMENT CLIMATOLOGY

