

Chonda Dam

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| Location | 21.5439° N, 71.7100° E |
| State | Gujarat |
| Nearest City | Palitana |
| Year of Completion | Not Available |
| Operated and Maintained by | Gujarat Engineering Research Institute |
| River Basin | Sabarmati |
| River | Panari |
| Dam Type | Other |
| Height above lowest foundation level | 23.4 m |
| Dam length | 123.0 m |
| Reservoir Area | 728000.0 m ² |
| Gross storage capacity | 5140000.0 m ³ |
| Effective storage capacity | 4790000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 63.2 km ² |
| Perimeter of catchment | 38.5 km |
| Basin Length | 12330.0 m |
| Form factor | 0.41543 |
| Circularity ratio | 0.53670 |
| Elongation ratio | 0.72704 |
| Highest Stream order | 6 |
| Max elevation | 119.0 m |
| Min elevation | 77.0 m |
| Mean bifurcation ratio | 9.2780 |
| Stream frequency | 64.0740 per km ² |
| Relief | 42.00 m |
| Drainage density | 7.8720 km/km ² |
| Length of overland flow | 63.513 m |

CATCHMENT CLIMATOLOGY

