

Shakargarh Dam

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| Location | 25.4639° N, 75.2831° E |
| State | Rajasthan |
| Nearest City | Jahazpur |
| Year of Completion | 2000 |
| Operated and Maintained by | Rajasthan Water Resources Department |
| River Basin | Ganga |
| River | Local Nalla |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 16.0 m |
| Dam length | 2156.0 m |
| Reservoir Area | 193000.0 m ² |
| Gross storage capacity | 4306000.0 m ³ |
| Effective storage capacity | 3811000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 74.2 km ² |
| Perimeter of catchment | 42.0 km |
| Basin Length | 14599.0 m |
| Form factor | 0.34822 |
| Circularity ratio | 0.52817 |
| Elongation ratio | 0.66563 |
| Highest Stream order | 6 |
| Max elevation | 435.0 m |
| Min elevation | 317.0 m |
| Mean bifurcation ratio | 17.1700 |
| Stream frequency | 70.7420 per km ² |
| Relief | 118.00 m |
| Drainage density | 9.0320 km/km ² |
| Length of overland flow | 55.360 m |

CATCHMENT CLIMATOLOGY

