

Jaisamand Dam

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| Location | 27.4919° N, 76.5864° E |
| State | Rajasthan |
| Nearest City | Alwar |
| Year of Completion | 1910 |
| Operated and Maintained by | Rajasthan Water Resources Department |
| River Basin | Ganga |
| River | Ruparail |
| Dam Type | Other |
| Height above lowest foundation level | 10.6 m |
| Dam length | 1671.0 m |
| Reservoir Area | 10000000.0 m ² |
| Gross storage capacity | 26950000.0 m ³ |
| Effective storage capacity | 23510000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 159.7 km ² |
| Perimeter of catchment | 87.7 km |
| Basin Length | 28748.0 m |
| Form factor | 0.19325 |
| Circularity ratio | 0.26088 |
| Elongation ratio | 0.49587 |
| Highest Stream order | 6 |
| Max elevation | 636.0 m |
| Min elevation | 253.0 m |
| Mean bifurcation ratio | 2.4126 |
| Stream frequency | 90.1560 per km ² |
| Relief | 383.00 m |
| Drainage density | 12.9540 km/km ² |
| Length of overland flow | 38.597 m |

CATCHMENT CLIMATOLOGY

