

Jakham Main Dam

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| Location | 24.1697° N, 74.5917° E |
| State | Rajasthan |
| Nearest City | Pratapgarh |
| Year of Completion | 1986 |
| Operated and Maintained by | Rajasthan Water Resources Department |
| River Basin | Mahi |
| River | Jakham |
| Dam Type | Masonry Gravity |
| Height above lowest foundation level | 82.0 m |
| Dam length | 253.0 m |
| Reservoir Area | 10150000.0 m ² |
| Gross storage capacity | 142020000.0 m ³ |
| Effective storage capacity | 132280000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 1014.3 km ² |
| Perimeter of catchment | 161.4 km |
| Basin Length | 34978.0 m |
| Form factor | 0.82907 |
| Circularity ratio | 0.48937 |
| Elongation ratio | 1.02710 |
| Highest Stream order | 8 |
| Max elevation | 582.0 m |
| Min elevation | 315.0 m |
| Mean bifurcation ratio | 2.2100 |
| Stream frequency | 79.1040 per km ² |
| Relief | 267.00 m |
| Drainage density | 10.9130 km/km ² |
| Length of overland flow | 45.817 m |

CATCHMENT CLIMATOLOGY

