

Alnia Dam

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| Location | 25.0039° N, 75.8772° E |
| State | Rajasthan |
| Nearest City | Ladpura |
| Year of Completion | 1960 |
| Operated and Maintained by | Rajasthan Water Resources Department |
| River Basin | Ganga |
| River | Alnia |
| Dam Type | Other |
| Height above lowest foundation level | 14.6 m |
| Dam length | 1753.0 m |
| Reservoir Area | 12800000.0 m ² |
| Gross storage capacity | 43720000.0 m ³ |
| Effective storage capacity | 43700000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 155.3 km ² |
| Perimeter of catchment | 56.3 km |
| Basin Length | 15850.0 m |
| Form factor | 0.61816 |
| Circularity ratio | 0.61618 |
| Elongation ratio | 0.88687 |
| Highest Stream order | 6 |
| Max elevation | 501.0 m |
| Min elevation | 348.0 m |
| Mean bifurcation ratio | 2.9225 |
| Stream frequency | 76.4320 per km ² |
| Relief | 153.00 m |
| Drainage density | 10.3600 km/km ² |
| Length of overland flow | 48.261 m |

CATCHMENT CLIMATOLOGY

