

Naugarh Dam

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|---|---|
| Location | 24.8622° N, 83.3461° E |
| State | Uttar Pradesh |
| Nearest City | Chakia |
| Year of Completion | 1956 |
| Operated and Maintained by | Uttar Pradesh Irrigation and Water Resources Department |
| River Basin | Ganga |
| River | Karmnasa |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 18.9 m |
| Dam length | 5975.0 m |
| Reservoir Area | 83870000.0 m ² |
| Gross storage capacity | 173396000.0 m ³ |
| Effective storage capacity | 101940000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|--------------------------------|-----------------------------|
| Area of catchment | 926.3 km ² |
| Perimeter of catchment | 205.1 km |
| Basin Length | 50051.0 m |
| Form factor | 0.36979 |
| Circularity ratio | 0.27671 |
| Elongation ratio | 0.68594 |
| Highest Stream order | 8 |
| Max elevation | 626.0 m |
| Min elevation | 244.0 m |
| Mean bifurcation ratio | 2.1371 |
| Stream frequency | 81.5160 per km ² |
| Relief | 382.00 m |
| Drainage density | 11.4020 km/km ² |
| Length of overland flow | 43.853 m |

CATCHMENT CLIMATOLOGY

