

Ghoghwa Dam

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|---|---|
| Location | 27.7939° N, 82.1378° E |
| State | Uttar Pradesh |
| Nearest City | Bahraich |
| Year of Completion | Not Available |
| Operated and Maintained by | Uttar Pradesh Irrigation and Water Resources Department |
| River Basin | Ganga |
| River | Local |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 16.0 m |
| Dam length | 520.0 m |
| Reservoir Area | 301437.0 m ² |
| Gross storage capacity | 3596000.0 m ³ |
| Effective storage capacity | 1100000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|--------------------------------|-----------------------------|
| Area of catchment | 2.3 km ² |
| Perimeter of catchment | 6.8 km |
| Basin Length | 2866.6 m |
| Form factor | 0.28010 |
| Circularity ratio | 0.62543 |
| Elongation ratio | 0.59698 |
| Highest Stream order | 4 |
| Max elevation | 183.0 m |
| Min elevation | 154.0 m |
| Mean bifurcation ratio | 2.1880 |
| Stream frequency | 79.0720 per km ² |
| Relief | 29.00 m |
| Drainage density | 9.7880 km/km ² |
| Length of overland flow | 51.085 m |

CATCHMENT CLIMATOLOGY

