

Baghua Dam

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|--------------------------------------|-----------------------------------|
| Location | 19.9486° N, 84.9436° E |
| State | Odisha |
| Nearest City | Bajrangnagar |
| Year of Completion | 2003 |
| Operated and Maintained by | Odisha Water Resources Department |
| River Basin | North East Coast |
| River | Baghua |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 16.9 m |
| Dam length | 824.5 m |
| Reservoir Area | 1300000.0 m ² |
| Gross storage capacity | 37500000.0 m ³ |
| Effective storage capacity | 31000000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 24.9 km ² |
| Perimeter of catchment | 23.5 km |
| Basin Length | 5683.5 m |
| Form factor | 0.77032 |
| Circularity ratio | 0.56631 |
| Elongation ratio | 0.99002 |
| Highest Stream order | 6 |
| Max elevation | 424.0 m |
| Min elevation | 143.0 m |
| Mean bifurcation ratio | 3.4378 |
| Stream frequency | 88.8950 per km ² |
| Relief | 281.00 m |
| Drainage density | 13.0460 km/km ² |
| Length of overland flow | 38.326 m |

CATCHMENT CLIMATOLOGY

