

Khuga Dam

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|--------------------------------------|------------------------------------|
| Location | 24.2997° N, 93.1501° E |
| State | Manipur |
| Nearest City | Imphal |
| Year of Completion | 2010 |
| Operated and Maintained by | Manipur Water Resources Department |
| River Basin | Brahmaputra |
| River | Khuga |
| Dam Type | Earthfill Embankment |
| Height above lowest foundation level | 38.0 m |
| Dam length | 300.0 m |
| Reservoir Area | 7000000.0 m ² |
| Gross storage capacity | 86080000.0 m ³ |
| Effective storage capacity | 60400000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 5.5 km ² |
| Perimeter of catchment | 9.4 km |
| Basin Length | 3468.7 m |
| Form factor | 0.45536 |
| Circularity ratio | 0.78050 |
| Elongation ratio | 0.76118 |
| Highest Stream order | 4 |
| Max elevation | 1035.0 m |
| Min elevation | 457.0 m |
| Mean bifurcation ratio | 2.4212 |
| Stream frequency | 81.4050 per km ² |
| Relief | 578.00 m |
| Drainage density | 11.2180 km/km ² |
| Length of overland flow | 44.570 m |

CATCHMENT CLIMATOLOGY

