

Vishnuprayag

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|--------------------------------------|-------------------------|
| Location | 30.5628° N, 79.5756° E |
| State | Uttarakhand |
| Nearest City | Joshimath |
| Year of Completion | 2006 |
| Operated and Maintained by | Jaypee Group |
| River Basin | Ganga |
| River | Alaknanda. |
| Dam Type | Other |
| Height above lowest foundation level | 23.0 m |
| Dam length | 69.8 m |
| Reservoir Area | 21170.0 m ² |
| Gross storage capacity | 148180.0 m ³ |
| Effective storage capacity | 75600.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|------------------------------|
| Area of catchment | 3007.3 km ² |
| Perimeter of catchment | 307.5 km |
| Basin Length | 78444.0 m |
| Form factor | 0.48870 |
| Circularity ratio | 0.39976 |
| Elongation ratio | 0.78855 |
| Highest Stream order | 9 |
| Max elevation | 6898.0 m |
| Min elevation | 1398.0 m |
| Mean bifurcation ratio | 2.2787 |
| Stream frequency | 109.1600 per km ² |
| Relief | 5500.00 m |
| Drainage density | 16.9400 km/km ² |
| Length of overland flow | 29.516 m |

CATCHMENT CLIMATOLOGY

