

Vishnu Gad Pipalkoti Hep Dam

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| Location | 30.5139° N, 79.4917° E |
| State | Uttarakhand |
| Nearest City | Joshimath |
| Year of Completion | Not Available |
| Operated and Maintained by | Uttarakhand Jal Vidyut Nigam Limited |
| River Basin | Ganga |
| River | Alaknanda. |
| Dam Type | Other |
| Height above lowest foundation level | 65.0 m |
| Dam length | 89.6 m |
| Reservoir Area | 245000.0 m ² |
| Gross storage capacity | 363000000.0 m ³ |
| Effective storage capacity | 2470000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|------------------------------|
| Area of catchment | 2.4 km ² |
| Perimeter of catchment | 7.2 km |
| Basin Length | 3628.9 m |
| Form factor | 0.18315 |
| Circularity ratio | 0.58496 |
| Elongation ratio | 0.48274 |
| Highest Stream order | 4 |
| Max elevation | 2759.0 m |
| Min elevation | 1301.0 m |
| Mean bifurcation ratio | 6.3444 |
| Stream frequency | 112.7700 per km ² |
| Relief | 1458.00 m |
| Drainage density | 16.6260 km/km ² |
| Length of overland flow | 30.074 m |

CATCHMENT CLIMATOLOGY

