

Tehri Dam

Location	30.3786° N, 78.4800° E
State	Uttarakhand
Nearest City	Pratabnagar
Year of Completion	2006
Operated and Maintained by	Tehri Hydro Development Corporation
River Basin	Ganga
River	Bhagirathi.
Dam Type	Other
Height above lowest foundation level	260.5 m
Dam length	575.0 m
Reservoir Area	52000000.0 m ²
Gross storage capacity	3540000000.0 m ³
Effective storage capacity	2615000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7210.2 km ²
Perimeter of catchment	527.5 km
Basin Length	154210.0 m
Form factor	0.30319
Circularity ratio	0.32578
Elongation ratio	0.62111
Highest Stream order	9
Max elevation	6832.0 m
Min elevation	639.0 m
Mean bifurcation ratio	2.2759
Stream frequency	105.3500 per km ²
Relief	6193.00 m
Drainage density	16.0670 km/km ²
Length of overland flow	31.120 m

CATCHMENT CLIMATOLOGY

