

Koteshwar Hep Dam

Location	30.2603° N, 78.4975° E
State	Uttarakhand
Nearest City	Pratabnagar
Year of Completion	2011
Operated and Maintained by	Tehri Hydro Development Corporation
River Basin	Ganga
River	Bhagirathi.
Dam Type	Other
Height above lowest foundation level	97.5 m
Dam length	300.5 m
Reservoir Area	29000000.0 m ²
Gross storage capacity	88900000.0 m ³
Effective storage capacity	35000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7422.3 km ²
Perimeter of catchment	545.3 km
Basin Length	167170.0 m
Form factor	0.26559
Circularity ratio	0.31374
Elongation ratio	0.58132
Highest Stream order	9
Max elevation	6832.0 m
Min elevation	546.0 m
Mean bifurcation ratio	2.2771
Stream frequency	105.2900 per km ²
Relief	6286.00 m
Drainage density	16.0550 km/km ²
Length of overland flow	31.142 m

CATCHMENT CLIMATOLOGY

