

Kishanganga Dam

Location	34.5142° N, 74.7528° E
State	Jammu and Kashmir
Nearest City	Bandipora
Year of Completion	2018
Operated and Maintained by	National Hydroelectric Power Corporation
River Basin	Indus
River	Mod Nadi
Dam Type	Rock fill Embankment
Height above lowest foundation level	37.0 m
Dam length	146.0 m
Reservoir Area	2100000000.0 m ²
Gross storage capacity	18350000.0 m ³
Effective storage capacity	7550000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.6 km ²
Perimeter of catchment	15.9 km
Basin Length	6575.8 m
Form factor	0.29069
Circularity ratio	0.62799
Elongation ratio	0.60816
Highest Stream order	5
Max elevation	4144.0 m
Min elevation	2584.0 m
Mean bifurcation ratio	2.6340
Stream frequency	109.7100 per km ²
Relief	1560.00 m
Drainage density	15.9310 km/km ²
Length of overland flow	31.386 m

CATCHMENT CLIMATOLOGY

