

Chutak Barrage Dam

Location	34.4900° N, 76.1131° E
State	Ladakh
Nearest City	Kargil
Year of Completion	2013
Operated and Maintained by	National Hydroelectric Power Corporation
River Basin	Indus
River	Suru Tributary Of Indus River.
Dam Type	Other
Height above lowest foundation level	15.0 m
Dam length	47.5 m
Reservoir Area	135000.0 m ²
Gross storage capacity	588000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3331.3 km ²
Perimeter of catchment	311.1 km
Basin Length	99377.0 m
Form factor	0.33732
Circularity ratio	0.43268
Elongation ratio	0.65513
Highest Stream order	8
Max elevation	6636.0 m
Min elevation	2718.0 m
Mean bifurcation ratio	2.2714
Stream frequency	110.7300 per km ²
Relief	3918.00 m
Drainage density	16.7130 km/km ²
Length of overland flow	29.917 m

CATCHMENT CLIMATOLOGY

