

Srinagar Dam

Location	30.2403° N, 78.8319° E
State	Uttarakhand
Nearest City	Srinagar.
Year of Completion	2014
Operated and Maintained by	Uttarakhand Power Corporation
River Basin	Ganga
River	Alaknanda.
Dam Type	Other
Height above lowest foundation level	90.0 m
Dam length	248.0 m
Reservoir Area	4500000.0 m ²
Gross storage capacity	78000000.0 m ³
Effective storage capacity	8000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10557.0 km ²
Perimeter of catchment	570.6 km
Basin Length	170450.0 m
Form factor	0.36337
Circularity ratio	0.40752
Elongation ratio	0.67996
Highest Stream order	9
Max elevation	6907.0 m
Min elevation	531.0 m
Mean bifurcation ratio	2.3811
Stream frequency	107.9700 per km ²
Relief	6376.00 m
Drainage density	16.7200 km/km ²
Length of overland flow	29.905 m

CATCHMENT CLIMATOLOGY

