

Nanak Sagar Dam

Location	28.9389° N, 79.8372° E
State	Uttarakhand
Nearest City	Khatima
Year of Completion	1962
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Deoha.
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	19200.0 m
Reservoir Area	50000000.0 m ²
Gross storage capacity	209000000.0 m ³
Effective storage capacity	200550000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	179.0 km ²
Perimeter of catchment	72.7 km
Basin Length	27927.0 m
Form factor	0.22951
Circularity ratio	0.42521
Elongation ratio	0.54040
Highest Stream order	7
Max elevation	1140.0 m
Min elevation	200.0 m
Mean bifurcation ratio	2.4362
Stream frequency	88.3870 per km ²
Relief	940.00 m
Drainage density	12.4600 km/km ²
Length of overland flow	40.127 m

CATCHMENT CLIMATOLOGY

