

## Tanakpur Barrage Dam

Location	29.0583° N, 80.1250° E
State	Uttarakhand
Nearest City	Tanakpur
Year of Completion	1992
Operated and Maintained by	National Hydroelectric Power Corporation
River Basin	Ganga
River	Sarda.
Dam Type	Other
Height above lowest foundation level	22.5 m
Dam length	475.3 m
Reservoir Area	1311000.0 m <sup>2</sup>
Gross storage capacity	3150000.0 m <sup>3</sup>
Effective storage capacity	2205000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	68.5 km <sup>2</sup>
Perimeter of catchment	40.7 km
Basin Length	15918.0 m
Form factor	0.27031
Circularity ratio	0.51853
Elongation ratio	0.58646
Highest Stream order	6
Max elevation	1467.0 m
Min elevation	219.0 m
Mean bifurcation ratio	2.4683
Stream frequency	95.3160 per km <sup>2</sup>
Relief	1248.00 m
Drainage density	13.8850 km/km <sup>2</sup>
Length of overland flow	36.011 m

## CATCHMENT CLIMATOLOGY

