

## Maneri Stage I Dam

Location	30.7392° N, 78.5286° E
State	Uttarakhand
Nearest City	Bhatwari
Year of Completion	1984
Operated and Maintained by	Uttarakhand Jal Vidyut Nigam Limited
River Basin	Ganga
River	Bhagirathi.
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	39.0 m
Dam length	127.0 m
Reservoir Area	180000.0 m <sup>2</sup>
Gross storage capacity	600000.0 m <sup>3</sup>
Effective storage capacity	510000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4122.6 km <sup>2</sup>
Perimeter of catchment	387.9 km
Basin Length	112100.0 m
Form factor	0.32807
Circularity ratio	0.34439
Elongation ratio	0.64609
Highest Stream order	9
Max elevation	6832.0 m
Min elevation	1258.0 m
Mean bifurcation ratio	2.3328
Stream frequency	107.7100 per km <sup>2</sup>
Relief	5574.00 m
Drainage density	16.5360 km/km <sup>2</sup>
Length of overland flow	30.237 m

## CATCHMENT CLIMATOLOGY

