

Barwatola Dam

Location	24.0614° N, 83.1142° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1957
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	1050.0 m
Reservoir Area	77000000.0 m ²
Gross storage capacity	2058000.0 m ³
Effective storage capacity	1270000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.6 km ²
Perimeter of catchment	13.2 km
Basin Length	4578.4 m
Form factor	0.45717
Circularity ratio	0.69431
Elongation ratio	0.76269
Highest Stream order	5
Max elevation	471.0 m
Min elevation	339.0 m
Mean bifurcation ratio	2.4047
Stream frequency	75.0260 per km ²
Relief	132.00 m
Drainage density	9.5220 km/km ²
Length of overland flow	52.509 m

CATCHMENT CLIMATOLOGY

