

Barwa Sagar Dam

Location	25.3803° N, 78.7478° E
State	Uttar Pradesh
Nearest City	Jhansi
Year of Completion	1694
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Barwa Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	1067.0 m
Reservoir Area	52000000.0 m ²
Gross storage capacity	24500000.0 m ³
Effective storage capacity	10200000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	194.3 km ²
Perimeter of catchment	82.1 km
Basin Length	32053.0 m
Form factor	0.18908
Circularity ratio	0.36255
Elongation ratio	0.49049
Highest Stream order	7
Max elevation	345.0 m
Min elevation	205.0 m
Mean bifurcation ratio	2.3099
Stream frequency	66.8510 per km ²
Relief	140.00 m
Drainage density	8.3300 km/km ²
Length of overland flow	60.023 m

CATCHMENT CLIMATOLOGY

