

Bachara Dam

Location	25.1311° N, 82.0558° E
State	Uttar Pradesh
Nearest City	Allahabad
Year of Completion	1980
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Bachara Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	660.0 m
Reservoir Area	1440000.0 m ²
Gross storage capacity	7390000.0 m ³
Effective storage capacity	7390000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.7 km ²
Perimeter of catchment	16.2 km
Basin Length	5267.8 m
Form factor	0.56663
Circularity ratio	0.74998
Elongation ratio	0.84910
Highest Stream order	5
Max elevation	144.0 m
Min elevation	95.0 m
Mean bifurcation ratio	2.5721
Stream frequency	77.7790 per km ²
Relief	49.00 m
Drainage density	10.3720 km/km ²
Length of overland flow	48.206 m

CATCHMENT CLIMATOLOGY

