

Ahraura Dam

Location	25.0000° N, 83.0319° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1954
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Garai
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.9 m
Dam length	1219.5 m
Reservoir Area	101200000.0 m ²
Gross storage capacity	60240000.0 m ³
Effective storage capacity	58300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	216.2 km ²
Perimeter of catchment	71.2 km
Basin Length	23615.0 m
Form factor	0.38760
Circularity ratio	0.53598
Elongation ratio	0.70226
Highest Stream order	7
Max elevation	324.0 m
Min elevation	92.0 m
Mean bifurcation ratio	18.3650
Stream frequency	82.0600 per km ²
Relief	232.00 m
Drainage density	11.4940 km/km ²
Length of overland flow	43.501 m

CATCHMENT CLIMATOLOGY

