

Bajiya Dam

Location	23.9153° N, 83.1258° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1992
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	710.0 m
Reservoir Area	303150.0 m ²
Gross storage capacity	1546000.0 m ³
Effective storage capacity	1429000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.6 km ²
Perimeter of catchment	24.2 km
Basin Length	8694.2 m
Form factor	0.32575
Circularity ratio	0.52779
Elongation ratio	0.64380
Highest Stream order	6
Max elevation	556.0 m
Min elevation	392.0 m
Mean bifurcation ratio	2.6122
Stream frequency	72.5340 per km ²
Relief	164.00 m
Drainage density	9.4610 km/km ²
Length of overland flow	52.848 m

CATCHMENT CLIMATOLOGY

