

Bakia Dam

Location	23.9122° N, 83.3319° 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	13.7 m
Dam length	570.0 m
Reservoir Area	70803.0 m ²
Gross storage capacity	699000.0 m ³
Effective storage capacity	489300.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km ²
Perimeter of catchment	7.2 km
Basin Length	2277.0 m
Form factor	0.54442
Circularity ratio	0.68831
Elongation ratio	0.83229
Highest Stream order	4
Max elevation	557.0 m
Min elevation	411.0 m
Mean bifurcation ratio	3.1983
Stream frequency	82.8980 per km ²
Relief	146.00 m
Drainage density	10.8400 km/km ²
Length of overland flow	46.124 m

CATCHMENT CLIMATOLOGY

