

Khairatia Dam

Location	24.5861° N, 83.1639° 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	10.8 m
Dam length	155.0 m
Reservoir Area	30123352.0 m ²
Gross storage capacity	2120000.0 m ³
Effective storage capacity	1581000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km ²
Perimeter of catchment	8.4 km
Basin Length	2997.4 m
Form factor	0.36575
Circularity ratio	0.59224
Elongation ratio	0.68219
Highest Stream order	4
Max elevation	438.0 m
Min elevation	295.0 m
Mean bifurcation ratio	3.0438
Stream frequency	89.7750 per km ²
Relief	143.00 m
Drainage density	12.6620 km/km ²
Length of overland flow	39.490 m

CATCHMENT CLIMATOLOGY

