

Banjari Kalan Dam

Location	24.8197° N, 82.2136° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	Not Available
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	14.1 m
Dam length	1470.0 m
Reservoir Area	157154.0 m ²
Gross storage capacity	1105000.0 m ³
Effective storage capacity	978000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.0 km ²
Perimeter of catchment	7.3 km
Basin Length	2474.0 m
Form factor	0.48836
Circularity ratio	0.70855
Elongation ratio	0.78828
Highest Stream order	4
Max elevation	368.0 m
Min elevation	156.0 m
Mean bifurcation ratio	2.2865
Stream frequency	81.2940 per km ²
Relief	212.00 m
Drainage density	10.7160 km/km ²
Length of overland flow	46.658 m

CATCHMENT CLIMATOLOGY

