

Khirihata Dam

Location	24.1161° N, 82.6981° E
State	Uttar Pradesh
Nearest City	Dudhi
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	178.0 m
Reservoir Area	395198026.0 m ²
Gross storage capacity	2120000.0 m ³
Effective storage capacity	1610000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	9.8 km
Basin Length	2934.2 m
Form factor	0.42816
Circularity ratio	0.48566
Elongation ratio	0.73810
Highest Stream order	4
Max elevation	443.0 m
Min elevation	281.0 m
Mean bifurcation ratio	2.5629
Stream frequency	76.7710 per km ²
Relief	162.00 m
Drainage density	10.0430 km/km ²
Length of overland flow	49.785 m

CATCHMENT CLIMATOLOGY

