

Sukhra Dam

Location	24.7950° N, 82.2767° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1909
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Sukhara Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	1158.0 m
Reservoir Area	23067000.0 m ²
Gross storage capacity	7360000.0 m ³
Effective storage capacity	7260000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.5 km ²
Perimeter of catchment	16.6 km
Basin Length	6310.5 m
Form factor	0.16325
Circularity ratio	0.29664
Elongation ratio	0.45577
Highest Stream order	4
Max elevation	419.0 m
Min elevation	163.0 m
Mean bifurcation ratio	1.9929
Stream frequency	86.1380 per km ²
Relief	256.00 m
Drainage density	11.3270 km/km ²
Length of overland flow	44.143 m

CATCHMENT CLIMATOLOGY

