

Sukhra Dam

Location	24.7936° N, 82.2722° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1962
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	10.4 m
Dam length	1896.0 m
Reservoir Area	1687278.0 m ²
Gross storage capacity	1699000.0 m ³
Effective storage capacity	1416000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km ²
Perimeter of catchment	7.9 km
Basin Length	3051.4 m
Form factor	0.33152
Circularity ratio	0.61920
Elongation ratio	0.64947
Highest Stream order	3
Max elevation	298.0 m
Min elevation	163.0 m
Mean bifurcation ratio	2.6216
Stream frequency	99.4590 per km ²
Relief	135.00 m
Drainage density	14.1560 km/km ²
Length of overland flow	35.320 m

CATCHMENT CLIMATOLOGY

