

Saktesh Garh Dam

Location	24.9814° N, 82.8192° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1989
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	15.7 m
Dam length	880.0 m
Reservoir Area	4827.0 m ²
Gross storage capacity	3286000.0 m ³
Effective storage capacity	2341000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	81.4 km ²
Perimeter of catchment	44.6 km
Basin Length	12289.0 m
Form factor	0.53870
Circularity ratio	0.51492
Elongation ratio	0.82791
Highest Stream order	7
Max elevation	291.0 m
Min elevation	122.0 m
Mean bifurcation ratio	2.1624
Stream frequency	76.9670 per km ²
Relief	169.00 m
Drainage density	10.3360 km/km ²
Length of overland flow	48.375 m

CATCHMENT CLIMATOLOGY

