

Suswar Dam

Location	24.8156° N, 82.3600° 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	14.0 m
Dam length	1400.0 m
Reservoir Area	293892.0 m ²
Gross storage capacity	3030000.0 m ³
Effective storage capacity	2607000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.9 km ²
Perimeter of catchment	28.6 km
Basin Length	10546.0 m
Form factor	0.33170
Circularity ratio	0.56883
Elongation ratio	0.64965
Highest Stream order	5
Max elevation	248.0 m
Min elevation	167.0 m
Mean bifurcation ratio	3.1459
Stream frequency	77.8820 per km ²
Relief	81.00 m
Drainage density	10.4870 km/km ²
Length of overland flow	47.677 m

CATCHMENT CLIMATOLOGY

