

Surkhi Dam

Location	23.6375° N, 78.8075° E
State	Madhya Pradesh
Nearest City	Sagar
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.3 m
Dam length	1170.0 m
Reservoir Area	627000.0 m ²
Gross storage capacity	3830000.0 m ³
Effective storage capacity	3470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.4 km ²
Perimeter of catchment	16.0 km
Basin Length	4893.3 m
Form factor	0.43580
Circularity ratio	0.50951
Elongation ratio	0.74465
Highest Stream order	5
Max elevation	605.0 m
Min elevation	498.0 m
Mean bifurcation ratio	3.8256
Stream frequency	75.6100 per km ²
Relief	107.00 m
Drainage density	10.0460 km/km ²
Length of overland flow	49.771 m

CATCHMENT CLIMATOLOGY

