

Sukha Nalla Dam

Location	24.7992° N, 77.2806° E
State	Madhya Pradesh
Nearest City	Guna
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	450.0 m
Reservoir Area	1034000.0 m ²
Gross storage capacity	2582000.0 m ³
Effective storage capacity	2422000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.1 km ²
Perimeter of catchment	14.6 km
Basin Length	4529.9 m
Form factor	0.58978
Circularity ratio	0.71280
Elongation ratio	0.86627
Highest Stream order	6
Max elevation	511.0 m
Min elevation	460.0 m
Mean bifurcation ratio	2.1818
Stream frequency	78.1650 per km ²
Relief	51.00 m
Drainage density	10.2820 km/km ²
Length of overland flow	48.629 m

CATCHMENT CLIMATOLOGY

