

Lower Sakarwara Dam

Location	23.7800° N, 79.8778° E
State	Madhya Pradesh
Nearest City	Sihora
Year of Completion	1919
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Patpara
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	1097.0 m
Reservoir Area	407019.0 m ²
Gross storage capacity	3482000.0 m ³
Effective storage capacity	2437400.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.4 km ²
Perimeter of catchment	15.1 km
Basin Length	4924.1 m
Form factor	0.51034
Circularity ratio	0.68411
Elongation ratio	0.80582
Highest Stream order	5
Max elevation	536.0 m
Min elevation	460.0 m
Mean bifurcation ratio	2.1982
Stream frequency	71.1970 per km ²
Relief	76.00 m
Drainage density	8.8990 km/km ²
Length of overland flow	56.187 m

CATCHMENT CLIMATOLOGY

