

Sawsara Dam

Location	24.0828° N, 76.9178° E
State	Madhya Pradesh
Nearest City	Rajgarh
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	15.3 m
Dam length	555.0 m
Reservoir Area	276840.0 m ²
Gross storage capacity	1226000.0 m ³
Effective storage capacity	1179000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.9 km ²
Perimeter of catchment	8.0 km
Basin Length	2984.9 m
Form factor	0.32228
Circularity ratio	0.56659
Elongation ratio	0.64036
Highest Stream order	4
Max elevation	425.0 m
Min elevation	388.0 m
Mean bifurcation ratio	3.8214
Stream frequency	84.9780 per km ²
Relief	37.00 m
Drainage density	11.8610 km/km ²
Length of overland flow	42.156 m

CATCHMENT CLIMATOLOGY

