

Mahuagaon Dam

Location	24.1131° N, 81.9411° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	810.0 m
Reservoir Area	100000.0 m ²
Gross storage capacity	520000.0 m ³
Effective storage capacity	489000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	0.9 km ²
Perimeter of catchment	3.9 km
Basin Length	1088.6 m
Form factor	0.80090
Circularity ratio	0.79350
Elongation ratio	1.00950
Highest Stream order	4
Max elevation	368.0 m
Min elevation	343.0 m
Mean bifurcation ratio	4.0032
Stream frequency	90.6110 per km ²
Relief	25.00 m
Drainage density	11.5180 km/km ²
Length of overland flow	43.410 m

CATCHMENT CLIMATOLOGY

