

Deora Malhani Dam

Location	24.3253° N, 81.2414° E
State	Madhya Pradesh
Nearest City	Satna
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	890.0 m
Reservoir Area	260000.0 m ²
Gross storage capacity	1074000.0 m ³
Effective storage capacity	1045000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.2 km ²
Perimeter of catchment	10.5 km
Basin Length	3491.8 m
Form factor	0.42687
Circularity ratio	0.59864
Elongation ratio	0.73698
Highest Stream order	5
Max elevation	675.0 m
Min elevation	422.0 m
Mean bifurcation ratio	2.6289
Stream frequency	91.6470 per km ²
Relief	253.00 m
Drainage density	13.0420 km/km ²
Length of overland flow	38.337 m

CATCHMENT CLIMATOLOGY

