

Deori Dam

Location	23.4453° N, 80.3608° E
State	Madhya Pradesh
Nearest City	Khilchipur
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	556.0 m
Reservoir Area	808000.0 m ²
Gross storage capacity	1790000.0 m ³
Effective storage capacity	1484000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.7 km ²
Perimeter of catchment	6.2 km
Basin Length	1393.4 m
Form factor	0.85245
Circularity ratio	0.54819
Elongation ratio	1.04150
Highest Stream order	4
Max elevation	452.0 m
Min elevation	411.0 m
Mean bifurcation ratio	2.4212
Stream frequency	80.3580 per km ²
Relief	41.00 m
Drainage density	10.0160 km/km ²
Length of overland flow	49.921 m

CATCHMENT CLIMATOLOGY

