

Deori Dam

Location	24.1475° N, 81.3375° E
State	Madhya Pradesh
Nearest City	Shahdol
Year of Completion	2003
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.9 m
Dam length	242.5 m
Reservoir Area	317000.0 m ²
Gross storage capacity	1400000.0 m ³
Effective storage capacity	980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	261.7 km ²
Perimeter of catchment	78.4 km
Basin Length	23615.0 m
Form factor	0.46928
Circularity ratio	0.53502
Elongation ratio	0.77272
Highest Stream order	7
Max elevation	586.0 m
Min elevation	307.0 m
Mean bifurcation ratio	2.2716
Stream frequency	75.0730 per km ²
Relief	279.00 m
Drainage density	10.0010 km/km ²
Length of overland flow	49.996 m

CATCHMENT CLIMATOLOGY

