

Dhamnod Dam

Location	23.4331° N, 74.9439° E
State	Madhya Pradesh
Nearest City	Ratlam
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	540.0 m
Reservoir Area	490000.0 m ²
Gross storage capacity	1520000.0 m ³
Effective storage capacity	1341000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.7 km ²
Perimeter of catchment	9.9 km
Basin Length	3127.2 m
Form factor	0.58488
Circularity ratio	0.73753
Elongation ratio	0.86267
Highest Stream order	5
Max elevation	560.0 m
Min elevation	522.0 m
Mean bifurcation ratio	4.2003
Stream frequency	70.6300 per km ²
Relief	38.00 m
Drainage density	9.1700 km/km ²
Length of overland flow	54.524 m

CATCHMENT CLIMATOLOGY

