

Mandevi Dam

Location	21.6717° N, 77.8986° E
State	Madhya Pradesh
Nearest City	Bhainsdehi
Year of Completion	1999
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.1 m
Dam length	645.0 m
Reservoir Area	332000.0 m ²
Gross storage capacity	1672000.0 m ³
Effective storage capacity	1518000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km ²
Perimeter of catchment	13.1 km
Basin Length	5130.1 m
Form factor	0.26646
Circularity ratio	0.51123
Elongation ratio	0.58227
Highest Stream order	5
Max elevation	691.0 m
Min elevation	643.0 m
Mean bifurcation ratio	2.1818
Stream frequency	74.4380 per km ²
Relief	48.00 m
Drainage density	9.9670 km/km ²
Length of overland flow	50.166 m

CATCHMENT CLIMATOLOGY

