

## Magjipada Dam

Location	22.7744° N, 75.1461° E
State	Madhya Pradesh
Nearest City	Sardapur
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	13.5 m
Dam length	980.0 m
Reservoir Area	506000.0 m <sup>2</sup>
Gross storage capacity	1471000.0 m <sup>3</sup>
Effective storage capacity	1306000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km <sup>2</sup>
Perimeter of catchment	12.5 km
Basin Length	4370.4 m
Form factor	0.37653
Circularity ratio	0.58049
Elongation ratio	0.69217
Highest Stream order	5
Max elevation	549.0 m
Min elevation	511.0 m
Mean bifurcation ratio	2.2118
Stream frequency	71.4670 per km <sup>2</sup>
Relief	38.00 m
Drainage density	9.4130 km/km <sup>2</sup>
Length of overland flow	53.117 m

## CATCHMENT CLIMATOLOGY

