

## Madhar Dam

Location	25.0833° N, 77.8178° E
State	Madhya Pradesh
Nearest City	Kolaras
Year of Completion	2003
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	690.0 m
Reservoir Area	1365939.0 m <sup>2</sup>
Gross storage capacity	12542856.0 m <sup>3</sup>
Effective storage capacity	8780000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	57.8 km <sup>2</sup>
Perimeter of catchment	37.4 km
Basin Length	11150.0 m
Form factor	0.46454
Circularity ratio	0.51929
Elongation ratio	0.76881
Highest Stream order	7
Max elevation	504.0 m
Min elevation	431.0 m
Mean bifurcation ratio	3.6164
Stream frequency	80.2040 per km <sup>2</sup>
Relief	73.00 m
Drainage density	10.8800 km/km <sup>2</sup>
Length of overland flow	45.955 m

## CATCHMENT CLIMATOLOGY

