

## Dhamdhusar Dam

Location	23.0322° N, 77.7014° E
State	Madhya Pradesh
Nearest City	Goharganj
Year of Completion	1958
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Charua
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1100.0 m
Reservoir Area	1108000.0 m <sup>2</sup>
Gross storage capacity	2577000.0 m <sup>3</sup>
Effective storage capacity	2435000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.0 km <sup>2</sup>
Perimeter of catchment	10.3 km
Basin Length	3298.9 m
Form factor	0.45705
Circularity ratio	0.58370
Elongation ratio	0.76259
Highest Stream order	5
Max elevation	553.0 m
Min elevation	456.0 m
Mean bifurcation ratio	2.2609
Stream frequency	90.8750 per km <sup>2</sup>
Relief	97.00 m
Drainage density	12.5020 km/km <sup>2</sup>
Length of overland flow	39.993 m

## CATCHMENT CLIMATOLOGY

