

## Moonjwar Dam

Location	25.8019° N, 77.7192° E
State	Madhya Pradesh
Nearest City	Shivpuri
Year of Completion	1969
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	810.0 m
Reservoir Area	1403920.0 m <sup>2</sup>
Gross storage capacity	5870000.0 m <sup>3</sup>
Effective storage capacity	5636000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.7 km <sup>2</sup>
Perimeter of catchment	28.4 km
Basin Length	10434.0 m
Form factor	0.28191
Circularity ratio	0.47889
Elongation ratio	0.59892
Highest Stream order	5
Max elevation	453.0 m
Min elevation	320.0 m
Mean bifurcation ratio	2.3540
Stream frequency	83.9030 per km <sup>2</sup>
Relief	133.00 m
Drainage density	11.7310 km/km <sup>2</sup>
Length of overland flow	42.621 m

## CATCHMENT CLIMATOLOGY

