

## Chhapari Dam

Location	23.7003° N, 79.9492° E
State	Madhya Pradesh
Nearest City	Sihora
Year of Completion	1967
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Mod Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	1219.0 m
Reservoir Area	234877.0 m <sup>2</sup>
Gross storage capacity	1400000.0 m <sup>3</sup>
Effective storage capacity	1273000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.2 km <sup>2</sup>
Perimeter of catchment	9.3 km
Basin Length	3253.3 m
Form factor	0.49500
Circularity ratio	0.76348
Elongation ratio	0.79362
Highest Stream order	5
Max elevation	563.0 m
Min elevation	460.0 m
Mean bifurcation ratio	3.2735
Stream frequency	78.4490 per km <sup>2</sup>
Relief	103.00 m
Drainage density	10.3700 km/km <sup>2</sup>
Length of overland flow	48.217 m

## CATCHMENT CLIMATOLOGY

