

## Chichwari Dam

Location	22.3556° N, 77.7189° E
State	Madhya Pradesh
Nearest City	Itarsi
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	732.0 m
Reservoir Area	696000.0 m <sup>2</sup>
Gross storage capacity	2400000.0 m <sup>3</sup>
Effective storage capacity	2250000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.0 km <sup>2</sup>
Perimeter of catchment	14.4 km
Basin Length	4751.2 m
Form factor	0.35476
Circularity ratio	0.48247
Elongation ratio	0.67186
Highest Stream order	4
Max elevation	609.0 m
Min elevation	408.0 m
Mean bifurcation ratio	2.6368
Stream frequency	86.9110 per km <sup>2</sup>
Relief	201.00 m
Drainage density	12.2080 km/km <sup>2</sup>
Length of overland flow	40.955 m

## CATCHMENT CLIMATOLOGY

