

## Chateni Dam

Location	24.1639° N, 81.2786° E
State	Madhya Pradesh
Nearest City	Shahdol
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	283.0 m
Reservoir Area	674000.0 m <sup>2</sup>
Gross storage capacity	2700000.0 m <sup>3</sup>
Effective storage capacity	2451000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.4 km <sup>2</sup>
Perimeter of catchment	11.6 km
Basin Length	4359.8 m
Form factor	0.38802
Circularity ratio	0.68648
Elongation ratio	0.70264
Highest Stream order	5
Max elevation	391.0 m
Min elevation	300.0 m
Mean bifurcation ratio	2.3419
Stream frequency	78.3690 per km <sup>2</sup>
Relief	91.00 m
Drainage density	10.5050 km/km <sup>2</sup>
Length of overland flow	47.597 m

## CATCHMENT CLIMATOLOGY

