

## Chanderi Dam

Location	23.4083° N, 77.3364° E
State	Madhya Pradesh
Nearest City	Huzur
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Chamari
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	1954.5 m
Reservoir Area	1904000.0 m <sup>2</sup>
Gross storage capacity	7179000.0 m <sup>3</sup>
Effective storage capacity	5415000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.5 km <sup>2</sup>
Perimeter of catchment	18.2 km
Basin Length	5233.2 m
Form factor	0.67620
Circularity ratio	0.69978
Elongation ratio	0.92757
Highest Stream order	5
Max elevation	555.0 m
Min elevation	482.0 m
Mean bifurcation ratio	3.1131
Stream frequency	75.0070 per km <sup>2</sup>
Relief	73.00 m
Drainage density	9.8660 km/km <sup>2</sup>
Length of overland flow	50.679 m

## CATCHMENT CLIMATOLOGY

