

## Chhoti Deori Dam

Location	23.5642° N, 79.7233° E
State	Madhya Pradesh
Nearest City	Hata
Year of Completion	1919
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Bearona
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	445.0 m
Reservoir Area	826074.0 m <sup>2</sup>
Gross storage capacity	840000.0 m <sup>3</sup>
Effective storage capacity	653000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.2 km <sup>2</sup>
Perimeter of catchment	20.2 km
Basin Length	6016.7 m
Form factor	0.50372
Circularity ratio	0.56275
Elongation ratio	0.80057
Highest Stream order	5
Max elevation	569.0 m
Min elevation	363.0 m
Mean bifurcation ratio	3.7264
Stream frequency	92.7890 per km <sup>2</sup>
Relief	206.00 m
Drainage density	13.5400 km/km <sup>2</sup>
Length of overland flow	36.927 m

## CATCHMENT CLIMATOLOGY

