

## Chhapara Dam

Location	22.3758° N, 79.6639° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	1976
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	582.0 m
Reservoir Area	588000.0 m <sup>2</sup>
Gross storage capacity	1771000.0 m <sup>3</sup>
Effective storage capacity	1472000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	0.8 km <sup>2</sup>
Perimeter of catchment	3.7 km
Basin Length	1289.8 m
Form factor	0.46376
Circularity ratio	0.69896
Elongation ratio	0.76816
Highest Stream order	2
Max elevation	515.0 m
Min elevation	477.0 m
Mean bifurcation ratio	2.8667
Stream frequency	75.1840 per km <sup>2</sup>
Relief	38.00 m
Drainage density	9.2200 km/km <sup>2</sup>
Length of overland flow	54.228 m

## CATCHMENT CLIMATOLOGY

