

## Chapper Dam

Location	22.9897° N, 76.8019° E
State	Madhya Pradesh
Nearest City	Ashta
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	743.9 m
Reservoir Area	1160000.0 m <sup>2</sup>
Gross storage capacity	3794000.0 m <sup>3</sup>
Effective storage capacity	3544000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.6 km <sup>2</sup>
Perimeter of catchment	10.7 km
Basin Length	3437.0 m
Form factor	0.55607
Circularity ratio	0.72623
Elongation ratio	0.84115
Highest Stream order	4
Max elevation	536.0 m
Min elevation	504.0 m
Mean bifurcation ratio	2.7247
Stream frequency	82.0560 per km <sup>2</sup>
Relief	32.00 m
Drainage density	11.3310 km/km <sup>2</sup>
Length of overland flow	44.127 m

## CATCHMENT CLIMATOLOGY

