

## **Barana Bamori Dam**

Location	25.0522° N, 78.8192° E
State	Madhya Pradesh
Nearest City	Jatara
Year of Completion	1968
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	780.0 m
Reservoir Area	1028762.0 m <sup>2</sup>
Gross storage capacity	1072000.0 m <sup>3</sup>
Effective storage capacity	686000.0 m <sup>3</sup>

## **CATCHMENT CHARACTERISTICS**

Catchment Properties	Values
Area of catchment	35.1 km <sup>2</sup>
Perimeter of catchment	26.9 km
Basin Length	6989.7 m
Form factor	0.71910
Circularity ratio	0.61072
Elongation ratio	0.95654
Highest Stream order	6
Max elevation	346.0 m
Min elevation	308.0 m
Mean bifurcation ratio	3.4499
Stream frequency	78.5600 per km <sup>2</sup>
Relief	38.00 m
Drainage density	10.8860 km/km <sup>2</sup>
Length of overland flow	45.929 m

## **CATCHMENT CLIMATOLOGY**

