

## Bhaisatori Dam

Location	24.8717° N, 77.1961° E
State	Madhya Pradesh
Nearest City	Guna
Year of Completion	2002
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Sukait
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	1350.0 m
Reservoir Area	2810000.0 m <sup>2</sup>
Gross storage capacity	8860000.0 m <sup>3</sup>
Effective storage capacity	8250000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	50.6 km <sup>2</sup>
Perimeter of catchment	33.4 km
Basin Length	11719.0 m
Form factor	0.36872
Circularity ratio	0.56944
Elongation ratio	0.68495
Highest Stream order	6
Max elevation	524.0 m
Min elevation	439.0 m
Mean bifurcation ratio	2.4891
Stream frequency	79.9550 per km <sup>2</sup>
Relief	85.00 m
Drainage density	10.8790 km/km <sup>2</sup>
Length of overland flow	45.959 m

## CATCHMENT CLIMATOLOGY

