

## Barka Dam

Location	24.1736° N, 82.1369° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	Not Available
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	830.0 m
Reservoir Area	9475000.0 m <sup>2</sup>
Gross storage capacity	3770000.0 m <sup>3</sup>
Effective storage capacity	3450000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.2 km <sup>2</sup>
Perimeter of catchment	16.7 km
Basin Length	5647.2 m
Form factor	0.41442
Circularity ratio	0.59926
Elongation ratio	0.72615
Highest Stream order	5
Max elevation	601.0 m
Min elevation	412.0 m
Mean bifurcation ratio	2.2854
Stream frequency	77.2540 per km <sup>2</sup>
Relief	189.00 m
Drainage density	10.4060 km/km <sup>2</sup>
Length of overland flow	48.051 m

## CATCHMENT CLIMATOLOGY

