

## Bakiya Dam

Location	23.9761° N, 81.9844° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1972
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	630.0 m
Reservoir Area	506000.0 m <sup>2</sup>
Gross storage capacity	3718000.0 m <sup>3</sup>
Effective storage capacity	3478000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.2 km <sup>2</sup>
Perimeter of catchment	31.7 km
Basin Length	7156.3 m
Form factor	0.68665
Circularity ratio	0.44103
Elongation ratio	0.93471
Highest Stream order	6
Max elevation	681.0 m
Min elevation	361.0 m
Mean bifurcation ratio	2.5789
Stream frequency	81.4730 per km <sup>2</sup>
Relief	320.00 m
Drainage density	11.2030 km/km <sup>2</sup>
Length of overland flow	44.630 m

## CATCHMENT CLIMATOLOGY

