

## Basia Feeder Dam

Location	24.8797° N, 79.0453° E
State	Madhya Pradesh
Nearest City	Nowgaon
Year of Completion	1970
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	1440.0 m
Reservoir Area	926120.0 m <sup>2</sup>
Gross storage capacity	1054000.0 m <sup>3</sup>
Effective storage capacity	979000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	38.3 km <sup>2</sup>
Perimeter of catchment	31.6 km
Basin Length	11227.0 m
Form factor	0.30352
Circularity ratio	0.48056
Elongation ratio	0.62145
Highest Stream order	6
Max elevation	365.0 m
Min elevation	267.0 m
Mean bifurcation ratio	3.6498
Stream frequency	69.6810 per km <sup>2</sup>
Relief	98.00 m
Drainage density	8.8360 km/km <sup>2</sup>
Length of overland flow	56.586 m

## CATCHMENT CLIMATOLOGY

