

## Basni Dam

Location	23.7628° N, 79.3575° E
State	Madhya Pradesh
Nearest City	Damoh
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	676.0 m
Reservoir Area	1030000.0 m <sup>2</sup>
Gross storage capacity	857000.0 m <sup>3</sup>
Effective storage capacity	793000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.5 km <sup>2</sup>
Perimeter of catchment	6.4 km
Basin Length	1976.6 m
Form factor	0.63141
Circularity ratio	0.75988
Elongation ratio	0.89633
Highest Stream order	4
Max elevation	448.0 m
Min elevation	373.0 m
Mean bifurcation ratio	2.5581
Stream frequency	89.5900 per km <sup>2</sup>
Relief	75.00 m
Drainage density	12.0830 km/km <sup>2</sup>
Length of overland flow	41.381 m

## CATCHMENT CLIMATOLOGY

