

## Masni Nalla Dam

Location	21.2500° N, 80.3667° E
State	Madhya Pradesh
Nearest City	Baihar
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	732.0 m
Reservoir Area	524000.0 m <sup>2</sup>
Gross storage capacity	1880000.0 m <sup>3</sup>
Effective storage capacity	1790000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km <sup>2</sup>
Perimeter of catchment	6.5 km
Basin Length	1923.8 m
Form factor	0.62640
Circularity ratio	0.68589
Elongation ratio	0.89276
Highest Stream order	4
Max elevation	361.0 m
Min elevation	335.0 m
Mean bifurcation ratio	2.5333
Stream frequency	74.1900 per km <sup>2</sup>
Relief	26.00 m
Drainage density	9.0760 km/km <sup>2</sup>
Length of overland flow	55.093 m

## CATCHMENT CLIMATOLOGY

