

## Lower Boniya Dam

Location	23.3425° N, 80.1153° E
State	Madhya Pradesh
Nearest City	Katni
Year of Completion	1923
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Barna
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	885.0 m
Reservoir Area	516000.0 m <sup>2</sup>
Gross storage capacity	1610000.0 m <sup>3</sup>
Effective storage capacity	980000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.1 km <sup>2</sup>
Perimeter of catchment	30.8 km
Basin Length	11696.0 m
Form factor	0.21273
Circularity ratio	0.38557
Elongation ratio	0.52027
Highest Stream order	5
Max elevation	550.0 m
Min elevation	400.0 m
Mean bifurcation ratio	2.1419
Stream frequency	74.7370 per km <sup>2</sup>
Relief	150.00 m
Drainage density	9.8420 km/km <sup>2</sup>
Length of overland flow	50.804 m

## CATCHMENT CLIMATOLOGY

