

## Manki Dam

Location	23.9083° N, 77.0431° E
State	Madhya Pradesh
Nearest City	Biaora
Year of Completion	2002
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Ghorapachhar Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.2 m
Dam length	655.0 m
Reservoir Area	260000.0 m <sup>2</sup>
Gross storage capacity	789000.0 m <sup>3</sup>
Effective storage capacity	728000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km <sup>2</sup>
Perimeter of catchment	6.7 km
Basin Length	2201.2 m
Form factor	0.43889
Circularity ratio	0.59954
Elongation ratio	0.74728
Highest Stream order	3
Max elevation	529.0 m
Min elevation	442.0 m
Mean bifurcation ratio	2.7071
Stream frequency	91.2290 per km <sup>2</sup>
Relief	87.00 m
Drainage density	12.9470 km/km <sup>2</sup>
Length of overland flow	38.619 m

## CATCHMENT CLIMATOLOGY

