

## Hinouta Dam

Location	24.2922° N, 81.2086° E
State	Madhya Pradesh
Nearest City	Satna
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.9 m
Dam length	800.0 m
Reservoir Area	132000.0 m <sup>2</sup>
Gross storage capacity	488000.0 m <sup>3</sup>
Effective storage capacity	452000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.2 km <sup>2</sup>
Perimeter of catchment	5.3 km
Basin Length	1280.5 m
Form factor	0.75466
Circularity ratio	0.54699
Elongation ratio	0.97991
Highest Stream order	3
Max elevation	474.0 m
Min elevation	359.0 m
Mean bifurcation ratio	2.5276
Stream frequency	94.5550 per km <sup>2</sup>
Relief	115.00 m
Drainage density	12.0570 km/km <sup>2</sup>
Length of overland flow	41.471 m

## CATCHMENT CLIMATOLOGY

