

## Gurtara Dam

Location	23.2683° N, 81.4156° E
State	Madhya Pradesh
Nearest City	Sohagpur
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	633.0 m
Reservoir Area	229400.0 m <sup>2</sup>
Gross storage capacity	650000.0 m <sup>3</sup>
Effective storage capacity	600000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km <sup>2</sup>
Perimeter of catchment	7.9 km
Basin Length	1774.9 m
Form factor	1.04090
Circularity ratio	0.66787
Elongation ratio	1.15080
Highest Stream order	4
Max elevation	521.0 m
Min elevation	468.0 m
Mean bifurcation ratio	2.8034
Stream frequency	71.9690 per km <sup>2</sup>
Relief	53.00 m
Drainage density	9.3240 km/km <sup>2</sup>
Length of overland flow	53.627 m

## CATCHMENT CLIMATOLOGY

