

## Ghorapachhar Dam

Location	23.2772° N, 77.5303° E
State	Madhya Pradesh
Nearest City	Huzur
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Ghorapachhar Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.4 m
Dam length	1841.0 m
Reservoir Area	2059000.0 m <sup>2</sup>
Gross storage capacity	12410000.0 m <sup>3</sup>
Effective storage capacity	11570000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.7 km <sup>2</sup>
Perimeter of catchment	25.6 km
Basin Length	8748.3 m
Form factor	0.47915
Circularity ratio	0.70203
Elongation ratio	0.78081
Highest Stream order	5
Max elevation	591.0 m
Min elevation	459.0 m
Mean bifurcation ratio	2.2626
Stream frequency	83.8270 per km <sup>2</sup>
Relief	132.00 m
Drainage density	11.6320 km/km <sup>2</sup>
Length of overland flow	42.986 m

## CATCHMENT CLIMATOLOGY

