

## Hirawar Dam

Location	24.0564° N, 81.0942° E
State	Madhya Pradesh
Nearest City	Shahdol
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	575.0 m
Reservoir Area	376000.0 m <sup>2</sup>
Gross storage capacity	1060000.0 m <sup>3</sup>
Effective storage capacity	994100.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.0 km <sup>2</sup>
Perimeter of catchment	9.1 km
Basin Length	2399.4 m
Form factor	0.86422
Circularity ratio	0.74956
Elongation ratio	1.04860
Highest Stream order	5
Max elevation	380.0 m
Min elevation	349.0 m
Mean bifurcation ratio	4.5411
Stream frequency	71.3490 per km <sup>2</sup>
Relief	31.00 m
Drainage density	8.6810 km/km <sup>2</sup>
Length of overland flow	57.601 m

## CATCHMENT CLIMATOLOGY

