

## Mehroi Dam

Location	23.9228° N, 80.9381° E
State	Madhya Pradesh
Nearest City	Bandhogarh
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Sone
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.8 m
Dam length	808.3 m
Reservoir Area	1420000.0 m <sup>2</sup>
Gross storage capacity	5206000.0 m <sup>3</sup>
Effective storage capacity	4706000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.5 km <sup>2</sup>
Perimeter of catchment	19.4 km
Basin Length	6078.0 m
Form factor	0.39329
Circularity ratio	0.48304
Elongation ratio	0.70740
Highest Stream order	5
Max elevation	430.0 m
Min elevation	360.0 m
Mean bifurcation ratio	2.1848
Stream frequency	73.0270 per km <sup>2</sup>
Relief	70.00 m
Drainage density	9.5400 km/km <sup>2</sup>
Length of overland flow	52.410 m

## CATCHMENT CLIMATOLOGY

