

## Marhi Dam

Location	24.3322° N, 82.3586° E
State	Madhya Pradesh
Nearest City	Devsar
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Semra Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.0 m
Dam length	285.0 m
Reservoir Area	1470000.0 m <sup>2</sup>
Gross storage capacity	14243000.0 m <sup>3</sup>
Effective storage capacity	12770000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	39.4 km <sup>2</sup>
Perimeter of catchment	33.0 km
Basin Length	11929.0 m
Form factor	0.27656
Circularity ratio	0.45438
Elongation ratio	0.59320
Highest Stream order	6
Max elevation	615.0 m
Min elevation	299.0 m
Mean bifurcation ratio	2.1350
Stream frequency	75.2360 per km <sup>2</sup>
Relief	316.00 m
Drainage density	9.9020 km/km <sup>2</sup>
Length of overland flow	50.497 m

## CATCHMENT CLIMATOLOGY

