

## Mansurwari Dam

Location	23.4214° N, 78.9731° E
State	Madhya Pradesh
Nearest City	Rehli
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Sukchain Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.6 m
Dam length	945.0 m
Reservoir Area	1800000.0 m <sup>2</sup>
Gross storage capacity	13280000.0 m <sup>3</sup>
Effective storage capacity	12160000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.6 km <sup>2</sup>
Perimeter of catchment	29.9 km
Basin Length	8503.6 m
Form factor	0.47896
Circularity ratio	0.48809
Elongation ratio	0.78066
Highest Stream order	6
Max elevation	545.0 m
Min elevation	440.0 m
Mean bifurcation ratio	3.6235
Stream frequency	80.0360 per km <sup>2</sup>
Relief	105.00 m
Drainage density	11.0690 km/km <sup>2</sup>
Length of overland flow	45.171 m

## CATCHMENT CLIMATOLOGY

