

## Rajendra Sagar Dam

Location	24.6439° N, 78.8614° E
State	Madhya Pradesh
Nearest City	Tikamgarh
Year of Completion	1973
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	2724.0 m
Reservoir Area	4597363.0 m <sup>2</sup>
Gross storage capacity	18460000.0 m <sup>3</sup>
Effective storage capacity	16990000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	37.7 km <sup>2</sup>
Perimeter of catchment	31.6 km
Basin Length	9796.5 m
Form factor	0.39262
Circularity ratio	0.47388
Elongation ratio	0.70680
Highest Stream order	6
Max elevation	398.0 m
Min elevation	342.0 m
Mean bifurcation ratio	2.2336
Stream frequency	72.4770 per km <sup>2</sup>
Relief	56.00 m
Drainage density	9.3860 km/km <sup>2</sup>
Length of overland flow	53.273 m

## CATCHMENT CLIMATOLOGY

