

Ram Sagar Dam

Location	25.6742° N, 78.3992° E
State	Madhya Pradesh
Nearest City	Datia
Year of Completion	1963
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Nicholi
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	474.0 m
Reservoir Area	2600000.0 m ²
Gross storage capacity	5866000.0 m ³
Effective storage capacity	5744000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.2 km ²
Perimeter of catchment	29.6 km
Basin Length	7902.0 m
Form factor	0.57910
Circularity ratio	0.51944
Elongation ratio	0.85839
Highest Stream order	6
Max elevation	290.0 m
Min elevation	218.0 m
Mean bifurcation ratio	4.7857
Stream frequency	76.6600 per km ²
Relief	72.00 m
Drainage density	10.0910 km/km ²
Length of overland flow	49.548 m

CATCHMENT CLIMATOLOGY

