

Ratona Dam

Location	23.8219° N, 78.6617° E
State	Madhya Pradesh
Nearest City	Sagar
Year of Completion	1924
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1097.0 m
Reservoir Area	170297.0 m ²
Gross storage capacity	618000.0 m ³
Effective storage capacity	597000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.6 km ²
Perimeter of catchment	9.9 km
Basin Length	3685.1 m
Form factor	0.40978
Circularity ratio	0.71925
Elongation ratio	0.72208
Highest Stream order	4
Max elevation	585.0 m
Min elevation	501.0 m
Mean bifurcation ratio	2.4472
Stream frequency	84.9970 per km ²
Relief	84.00 m
Drainage density	11.5700 km/km ²
Length of overland flow	43.215 m

CATCHMENT CLIMATOLOGY

