

Rajghat Sagar Dam

Location	23.7244° N, 78.7544° E
State	Madhya Pradesh
Nearest City	Sagar
Year of Completion	2003
Operated and Maintained by	Public Health Engineering Department
River Basin	Ganga
River	Bebus
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.5 m
Dam length	1680.0 m
Reservoir Area	17000000.0 m ²
Gross storage capacity	96000000.0 m ³
Effective storage capacity	80000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	502.7 km ²
Perimeter of catchment	126.5 km
Basin Length	45380.0 m
Form factor	0.24409
Circularity ratio	0.39479
Elongation ratio	0.55729
Highest Stream order	8
Max elevation	692.0 m
Min elevation	501.0 m
Mean bifurcation ratio	4.5951
Stream frequency	79.8710 per km ²
Relief	191.00 m
Drainage density	11.1110 km/km ²
Length of overland flow	45.002 m

CATCHMENT CLIMATOLOGY

