

Bhirata Dam

Location	24.9514° N, 79.3819° E
State	Madhya Pradesh
Nearest City	Chhatarpur
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.6 m
Dam length	950.0 m
Reservoir Area	477000.0 m ²
Gross storage capacity	881000.0 m ³
Effective storage capacity	813000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	6.5 km
Basin Length	1753.1 m
Form factor	0.85160
Circularity ratio	0.78877
Elongation ratio	1.04090
Highest Stream order	4
Max elevation	302.0 m
Min elevation	237.0 m
Mean bifurcation ratio	2.2018
Stream frequency	71.8310 per km ²
Relief	65.00 m
Drainage density	8.9880 km/km ²
Length of overland flow	55.629 m

CATCHMENT CLIMATOLOGY

