

Bharoli Dam

Location	24.8358° N, 77.8075° E
State	Madhya Pradesh
Nearest City	Ashok Ngr.
Year of Completion	1916
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	1676.0 m
Reservoir Area	932000.0 m ²
Gross storage capacity	2070000.0 m ³
Effective storage capacity	1816000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.9 km ²
Perimeter of catchment	17.5 km
Basin Length	5333.8 m
Form factor	0.56060
Circularity ratio	0.65508
Elongation ratio	0.84457
Highest Stream order	5
Max elevation	507.0 m
Min elevation	472.0 m
Mean bifurcation ratio	2.2542
Stream frequency	75.3660 per km ²
Relief	35.00 m
Drainage density	10.1000 km/km ²
Length of overland flow	49.507 m

CATCHMENT CLIMATOLOGY

