

Bisonia Dam

Location	24.2708° N, 77.7256° E
State	Madhya Pradesh
Nearest City	Sironj
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Jwari Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	549.0 m
Reservoir Area	607000.0 m ²
Gross storage capacity	2094000.0 m ³
Effective storage capacity	1921000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	69.3 km ²
Perimeter of catchment	40.7 km
Basin Length	12879.0 m
Form factor	0.41772
Circularity ratio	0.52660
Elongation ratio	0.72904
Highest Stream order	6
Max elevation	542.0 m
Min elevation	457.0 m
Mean bifurcation ratio	2.4689
Stream frequency	75.7580 per km ²
Relief	85.00 m
Drainage density	10.0710 km/km ²
Length of overland flow	49.646 m

CATCHMENT CLIMATOLOGY

