

Bairar Dam

Location	25.7186° N, 77.4653° E
State	Madhya Pradesh
Nearest City	Pohri
Year of Completion	1996
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	1950.0 m
Reservoir Area	913036.0 m ²
Gross storage capacity	6450000.0 m ³
Effective storage capacity	5850000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	33.8 km ²
Perimeter of catchment	27.2 km
Basin Length	6710.5 m
Form factor	0.75065
Circularity ratio	0.57600
Elongation ratio	0.97730
Highest Stream order	6
Max elevation	437.0 m
Min elevation	396.0 m
Mean bifurcation ratio	2.7027
Stream frequency	70.0830 per km ²
Relief	41.00 m
Drainage density	8.9520 km/km ²
Length of overland flow	55.853 m

CATCHMENT CLIMATOLOGY

