

Barod Dam

Location	24.2678° N, 77.2847° E
State	Madhya Pradesh
Nearest City	Raghogarh
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	15.9 m
Dam length	680.0 m
Reservoir Area	397300.0 m ²
Gross storage capacity	1530000.0 m ³
Effective storage capacity	1448000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.8 km ²
Perimeter of catchment	21.2 km
Basin Length	7635.8 m
Form factor	0.37424
Circularity ratio	0.61028
Elongation ratio	0.69005
Highest Stream order	6
Max elevation	541.0 m
Min elevation	460.0 m
Mean bifurcation ratio	2.2819
Stream frequency	75.8020 per km ²
Relief	81.00 m
Drainage density	10.0460 km/km ²
Length of overland flow	49.771 m

CATCHMENT CLIMATOLOGY

