

Barbet No. 2 Dam

Location	22.9906° N, 74.9153° E
State	Madhya Pradesh
Nearest City	Petlawad
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	854.0 m
Reservoir Area	537000.0 m ²
Gross storage capacity	1748000.0 m ³
Effective storage capacity	1568000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.2 km ²
Perimeter of catchment	15.9 km
Basin Length	6365.0 m
Form factor	0.27693
Circularity ratio	0.56019
Elongation ratio	0.59360
Highest Stream order	5
Max elevation	498.0 m
Min elevation	429.0 m
Mean bifurcation ratio	2.4028
Stream frequency	69.7900 per km ²
Relief	69.00 m
Drainage density	8.9760 km/km ²
Length of overland flow	55.703 m

CATCHMENT CLIMATOLOGY

