

Barbaspur Dam

Location	23.3936° N, 81.0250° E
State	Madhya Pradesh
Nearest City	Sohagpur
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Mod Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	450.0 m
Reservoir Area	281000.0 m ²
Gross storage capacity	3110000.0 m ³
Effective storage capacity	2685000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.6 km ²
Perimeter of catchment	17.3 km
Basin Length	5791.5 m
Form factor	0.40436
Circularity ratio	0.56655
Elongation ratio	0.71729
Highest Stream order	5
Max elevation	499.0 m
Min elevation	440.0 m
Mean bifurcation ratio	2.3562
Stream frequency	78.7450 per km ²
Relief	59.00 m
Drainage density	10.7300 km/km ²
Length of overland flow	46.596 m

CATCHMENT CLIMATOLOGY

