

Mahiproject Dam

Location	22.8767° N, 74.9875° E
State	Madhya Pradesh
Nearest City	Petlawad
Year of Completion	2012
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
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Dam Type	Other
Height above lowest foundation level	46.4 m
Dam length	3090.0 m
Reservoir Area	14326892.0 m ²
Gross storage capacity	197000000.0 m ³
Effective storage capacity	135600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	938.7 km ²
Perimeter of catchment	142.7 km
Basin Length	38324.0 m
Form factor	0.63915
Circularity ratio	0.57986
Elongation ratio	0.90180
Highest Stream order	7
Max elevation	573.0 m
Min elevation	404.0 m
Mean bifurcation ratio	2.2424
Stream frequency	70.1640 per km ²
Relief	169.00 m
Drainage density	9.1360 km/km ²
Length of overland flow	54.727 m

CATCHMENT CLIMATOLOGY

