

Mataji Dam

Location	23.0228° N, 74.8522° E
State	Madhya Pradesh
Nearest City	Petlawad
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	650.0 m
Reservoir Area	403000.0 m ²
Gross storage capacity	1784000.0 m ³
Effective storage capacity	1660000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.9 km ²
Perimeter of catchment	14.3 km
Basin Length	5299.1 m
Form factor	0.35127
Circularity ratio	0.61024
Elongation ratio	0.66854
Highest Stream order	5
Max elevation	453.0 m
Min elevation	401.0 m
Mean bifurcation ratio	6.1931
Stream frequency	74.3130 per km ²
Relief	52.00 m
Drainage density	9.5980 km/km ²
Length of overland flow	52.092 m

CATCHMENT CLIMATOLOGY

