

## Matuwa Dam

Location	24.6817° N, 80.3061° E
State	Madhya Pradesh
Nearest City	Panna
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh State Electricity Board
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.4 m
Dam length	660.0 m
Reservoir Area	350286.0 m <sup>2</sup>
Gross storage capacity	1720000.0 m <sup>3</sup>
Effective storage capacity	1568000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.0 km <sup>2</sup>
Perimeter of catchment	10.5 km
Basin Length	3344.9 m
Form factor	0.44974
Circularity ratio	0.56907
Elongation ratio	0.75646
Highest Stream order	4
Max elevation	455.0 m
Min elevation	422.0 m
Mean bifurcation ratio	2.3211
Stream frequency	77.9070 per km <sup>2</sup>
Relief	33.00 m
Drainage density	10.4890 km/km <sup>2</sup>
Length of overland flow	47.669 m

## CATCHMENT CLIMATOLOGY

