

## Mathni Dam

Location	22.0636° N, 78.0856° E
State	Madhya Pradesh
Nearest City	Betul
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	624.8 m
Reservoir Area	409700.0 m <sup>2</sup>
Gross storage capacity	992000.0 m <sup>3</sup>
Effective storage capacity	913000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.8 km <sup>2</sup>
Perimeter of catchment	7.1 km
Basin Length	2266.9 m
Form factor	0.35859
Circularity ratio	0.45497
Elongation ratio	0.67547
Highest Stream order	3
Max elevation	536.0 m
Min elevation	433.0 m
Mean bifurcation ratio	2.5307
Stream frequency	91.7080 per km <sup>2</sup>
Relief	103.00 m
Drainage density	12.2360 km/km <sup>2</sup>
Length of overland flow	40.863 m

## CATCHMENT CLIMATOLOGY

