

## Makroda Dam

Location	24.7267° N, 77.2722° E
State	Madhya Pradesh
Nearest City	Guna
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Negri
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.5 m
Dam length	825.4 m
Reservoir Area	8470000.0 m <sup>2</sup>
Gross storage capacity	46593000.0 m <sup>3</sup>
Effective storage capacity	40983000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	178.4 km <sup>2</sup>
Perimeter of catchment	66.0 km
Basin Length	16057.0 m
Form factor	0.69185
Circularity ratio	0.51464
Elongation ratio	0.93824
Highest Stream order	7
Max elevation	527.0 m
Min elevation	437.0 m
Mean bifurcation ratio	2.3436
Stream frequency	77.7980 per km <sup>2</sup>
Relief	90.00 m
Drainage density	10.5320 km/km <sup>2</sup>
Length of overland flow	47.473 m

## CATCHMENT CLIMATOLOGY

