

## Morwan Dam

Location	24.6306° N, 75.0033° E
State	Madhya Pradesh
Nearest City	Jawad
Year of Completion	1959
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Gameri
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.1 m
Dam length	1133.8 m
Reservoir Area	3210000.0 m <sup>2</sup>
Gross storage capacity	16460000.0 m <sup>3</sup>
Effective storage capacity	15760000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	71.5 km <sup>2</sup>
Perimeter of catchment	44.5 km
Basin Length	11677.0 m
Form factor	0.52403
Circularity ratio	0.45288
Elongation ratio	0.81656
Highest Stream order	6
Max elevation	588.0 m
Min elevation	473.0 m
Mean bifurcation ratio	3.4071
Stream frequency	81.1010 per km <sup>2</sup>
Relief	115.00 m
Drainage density	11.1430 km/km <sup>2</sup>
Length of overland flow	44.870 m

## CATCHMENT CLIMATOLOGY

