

Makhani Dam

Location	23.3911° N, 77.7419° E
State	Madhya Pradesh
Nearest City	Raisen
Year of Completion	1968
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	296.0 m
Reservoir Area	273000.0 m ²
Gross storage capacity	1000000.0 m ³
Effective storage capacity	939000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.8 km ²
Perimeter of catchment	8.2 km
Basin Length	2654.4 m
Form factor	0.26207
Circularity ratio	0.34495
Elongation ratio	0.57745
Highest Stream order	3
Max elevation	540.0 m
Min elevation	412.0 m
Mean bifurcation ratio	3.7266
Stream frequency	86.6530 per km ²
Relief	128.00 m
Drainage density	11.7690 km/km ²
Length of overland flow	42.484 m

CATCHMENT CLIMATOLOGY

