

Mehani Dam

Location	22.2339° N, 74.2572° E
State	Madhya Pradesh
Nearest City	Alirajpur
Year of Completion	2001
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.6 m
Dam length	490.0 m
Reservoir Area	241000.0 m ²
Gross storage capacity	798000.0 m ³
Effective storage capacity	683000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.2 km ²
Perimeter of catchment	16.6 km
Basin Length	4138.2 m
Form factor	0.76848
Circularity ratio	0.60203
Elongation ratio	0.98884
Highest Stream order	5
Max elevation	373.0 m
Min elevation	278.0 m
Mean bifurcation ratio	2.8275
Stream frequency	73.7070 per km ²
Relief	95.00 m
Drainage density	9.6770 km/km ²
Length of overland flow	51.671 m

CATCHMENT CLIMATOLOGY

