

Moursani Dam

Location	22.5950° N, 79.1472° E
State	Madhya Pradesh
Nearest City	Amarwara
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	501.0 m
Reservoir Area	99900.0 m ²
Gross storage capacity	442000.0 m ³
Effective storage capacity	410000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.7 km ²
Perimeter of catchment	7.0 km
Basin Length	2903.5 m
Form factor	0.32135
Circularity ratio	0.69804
Elongation ratio	0.63944
Highest Stream order	4
Max elevation	815.0 m
Min elevation	612.0 m
Mean bifurcation ratio	2.7564
Stream frequency	85.2720 per km ²
Relief	203.00 m
Drainage density	11.4170 km/km ²
Length of overland flow	43.793 m

CATCHMENT CLIMATOLOGY

