

Molipura Dam

Location	22.5722° N, 75.2578° E
State	Madhya Pradesh
Nearest City	Dhar
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	690.0 m
Reservoir Area	158991.0 m ²
Gross storage capacity	384300.0 m ³
Effective storage capacity	301000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	8.8 km
Basin Length	2364.1 m
Form factor	0.70970
Circularity ratio	0.64170
Elongation ratio	0.95027
Highest Stream order	5
Max elevation	580.0 m
Min elevation	530.0 m
Mean bifurcation ratio	3.0033
Stream frequency	75.3820 per km ²
Relief	50.00 m
Drainage density	9.1590 km/km ²
Length of overland flow	54.592 m

CATCHMENT CLIMATOLOGY

