

Moga Dam

Location	23.1461° N, 78.6692° E
State	Madhya Pradesh
Nearest City	Udaipura
Year of Completion	1997
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Khand
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.7 m
Dam length	210.0 m
Reservoir Area	1760000.0 m ²
Gross storage capacity	8623000.0 m ³
Effective storage capacity	8315000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.3 km ²
Perimeter of catchment	21.3 km
Basin Length	5458.6 m
Form factor	0.84757
Circularity ratio	0.69728
Elongation ratio	1.03850
Highest Stream order	6
Max elevation	521.0 m
Min elevation	364.0 m
Mean bifurcation ratio	3.4847
Stream frequency	80.8970 per km ²
Relief	157.00 m
Drainage density	11.3600 km/km ²
Length of overland flow	44.013 m

CATCHMENT CLIMATOLOGY

