

Moondla Dam

Location	22.9369° N, 76.9378° E
State	Madhya Pradesh
Nearest City	Ichhwar
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	1127.8 m
Reservoir Area	650000.0 m ²
Gross storage capacity	1727000.0 m ³
Effective storage capacity	1589000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.7 km ²
Perimeter of catchment	11.8 km
Basin Length	3581.1 m
Form factor	0.51883
Circularity ratio	0.60507
Elongation ratio	0.81250
Highest Stream order	4
Max elevation	546.0 m
Min elevation	521.0 m
Mean bifurcation ratio	2.6154
Stream frequency	76.6510 per km ²
Relief	25.00 m
Drainage density	10.1340 km/km ²
Length of overland flow	49.338 m

CATCHMENT CLIMATOLOGY

