

Moliyakhedi Dam

Location	23.9164° N, 76.2500° E
State	Madhya Pradesh
Nearest City	Susner
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	930.0 m
Reservoir Area	300000.0 m ²
Gross storage capacity	565000.0 m ³
Effective storage capacity	499210.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2059.7 km ²
Perimeter of catchment	256.4 km
Basin Length	91982.0 m
Form factor	0.24344
Circularity ratio	0.39395
Elongation ratio	0.55655
Highest Stream order	8
Max elevation	572.0 m
Min elevation	361.0 m
Mean bifurcation ratio	2.1691
Stream frequency	75.3090 per km ²
Relief	211.00 m
Drainage density	10.1930 km/km ²
Length of overland flow	49.052 m

CATCHMENT CLIMATOLOGY

