

Khatia Dam

Location	23.7406° N, 74.4319° E
State	Rajasthan
Nearest City	Ghatol
Year of Completion	1977
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	491.0 m
Reservoir Area	69600.0 m ²
Gross storage capacity	1380000.0 m ³
Effective storage capacity	1320000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.6 km ²
Perimeter of catchment	16.0 km
Basin Length	5685.5 m
Form factor	0.23595
Circularity ratio	0.37577
Elongation ratio	0.54793
Highest Stream order	4
Max elevation	389.0 m
Min elevation	227.0 m
Mean bifurcation ratio	2.4105
Stream frequency	76.0460 per km ²
Relief	162.00 m
Drainage density	9.7350 km/km ²
Length of overland flow	51.360 m

CATCHMENT CLIMATOLOGY

