

Hatiyadeli Dam

Location	22.9281° N, 74.6306° E
State	Madhya Pradesh
Nearest City	Thandla
Year of Completion	1968
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	280.0 m
Reservoir Area	162991.0 m ²
Gross storage capacity	1063000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km ²
Perimeter of catchment	8.9 km
Basin Length	2284.5 m
Form factor	0.88870
Circularity ratio	0.74166
Elongation ratio	1.06340
Highest Stream order	5
Max elevation	394.0 m
Min elevation	339.0 m
Mean bifurcation ratio	3.2021
Stream frequency	73.0930 per km ²
Relief	55.00 m
Drainage density	9.3960 km/km ²
Length of overland flow	53.213 m

CATCHMENT CLIMATOLOGY

