

Himmatgarhi Dam

Location	23.1203° N, 74.3594° E
State	Rajasthan
Nearest City	Kushalgarh
Year of Completion	2002
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	589.0 m
Reservoir Area	287000.0 m ²
Gross storage capacity	1850000.0 m ³
Effective storage capacity	1600000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.2 km ²
Perimeter of catchment	11.3 km
Basin Length	3342.6 m
Form factor	0.64071
Circularity ratio	0.70485
Elongation ratio	0.90290
Highest Stream order	5
Max elevation	392.0 m
Min elevation	275.0 m
Mean bifurcation ratio	3.6251
Stream frequency	75.8540 per km ²
Relief	117.00 m
Drainage density	9.9750 km/km ²
Length of overland flow	50.125 m

CATCHMENT CLIMATOLOGY

