

Madhwani (Ncfl) Dam

Location	24.2314° N, 81.3178° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1974
Operated and Maintained by	National Coal Field Limited
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	438.0 m
Reservoir Area	790000.0 m ²
Gross storage capacity	3144000.0 m ³
Effective storage capacity	2727000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.4 km ²
Perimeter of catchment	12.3 km
Basin Length	3345.0 m
Form factor	0.57148
Circularity ratio	0.53315
Elongation ratio	0.85272
Highest Stream order	5
Max elevation	409.0 m
Min elevation	317.0 m
Mean bifurcation ratio	8.9716
Stream frequency	80.2280 per km ²
Relief	92.00 m
Drainage density	10.5600 km/km ²
Length of overland flow	47.350 m

CATCHMENT CLIMATOLOGY

