

Hiwara Dam

Location	21.8450° N, 78.3767° E
State	Madhya Pradesh
Nearest City	Multai
Year of Completion	1994
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	456.0 m
Reservoir Area	295000.0 m ²
Gross storage capacity	1008000.0 m ³
Effective storage capacity	911000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km ²
Perimeter of catchment	8.1 km
Basin Length	2135.1 m
Form factor	0.83717
Circularity ratio	0.73290
Elongation ratio	1.03210
Highest Stream order	5
Max elevation	810.0 m
Min elevation	759.0 m
Mean bifurcation ratio	2.3800
Stream frequency	85.6810 per km ²
Relief	51.00 m
Drainage density	11.9340 km/km ²
Length of overland flow	41.898 m

CATCHMENT CLIMATOLOGY

