

Ghatera Dam

Location	23.5419° N, 78.1111° E
State	Madhya Pradesh
Nearest City	Vidisha
Year of Completion	1956
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Karnari
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	1560.0 m
Reservoir Area	1041000.0 m ²
Gross storage capacity	3580000.0 m ³
Effective storage capacity	3481000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.4 km ²
Perimeter of catchment	16.7 km
Basin Length	4205.5 m
Form factor	0.86905
Circularity ratio	0.69216
Elongation ratio	1.05160
Highest Stream order	5
Max elevation	587.0 m
Min elevation	450.0 m
Mean bifurcation ratio	4.9878
Stream frequency	87.7040 per km ²
Relief	137.00 m
Drainage density	12.7570 km/km ²
Length of overland flow	39.193 m

CATCHMENT CLIMATOLOGY

