

Garra Dam

Location	23.9708° N, 82.5922° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	465.0 m
Reservoir Area	685000.0 m ²
Gross storage capacity	1689000.0 m ³
Effective storage capacity	1655000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.7 km ²
Perimeter of catchment	18.2 km
Basin Length	5773.6 m
Form factor	0.41242
Circularity ratio	0.52161
Elongation ratio	0.72440
Highest Stream order	5
Max elevation	385.0 m
Min elevation	290.0 m
Mean bifurcation ratio	2.8463
Stream frequency	76.7390 per km ²
Relief	95.00 m
Drainage density	10.2040 km/km ²
Length of overland flow	48.999 m

CATCHMENT CLIMATOLOGY

