

Dudiyankhera Dam

Location	24.3353° N, 79.0836° E
State	Madhya Pradesh
Nearest City	Banda..
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.1 m
Dam length	801.0 m
Reservoir Area	190950.0 m ²
Gross storage capacity	2600000.0 m ³
Effective storage capacity	2450000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.3 km ²
Perimeter of catchment	11.3 km
Basin Length	3765.8 m
Form factor	0.30215
Circularity ratio	0.42159
Elongation ratio	0.62004
Highest Stream order	5
Max elevation	443.0 m
Min elevation	365.0 m
Mean bifurcation ratio	2.2462
Stream frequency	84.4830 per km ²
Relief	78.00 m
Drainage density	11.3880 km/km ²
Length of overland flow	43.907 m

CATCHMENT CLIMATOLOGY

