

Godaghat Dam

Location	23.7950° N, 79.8156° E
State	Madhya Pradesh
Nearest City	Hatta
Year of Completion	1930
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.4 m
Dam length	1740.0 m
Reservoir Area	1619000.0 m ²
Gross storage capacity	4630000.0 m ³
Effective storage capacity	4300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.2 km ²
Perimeter of catchment	9.8 km
Basin Length	3895.7 m
Form factor	0.27412
Circularity ratio	0.54136
Elongation ratio	0.59058
Highest Stream order	4
Max elevation	529.0 m
Min elevation	349.0 m
Mean bifurcation ratio	2.5003
Stream frequency	82.2070 per km ²
Relief	180.00 m
Drainage density	10.7140 km/km ²
Length of overland flow	46.666 m

CATCHMENT CLIMATOLOGY

