

Ghoghatpur Dam

Location	24.1819° N, 76.2733° E
State	Madhya Pradesh
Nearest City	Khilchipur
Year of Completion	2003
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.3 m
Dam length	435.0 m
Reservoir Area	730000.0 m ²
Gross storage capacity	3881000.0 m ³
Effective storage capacity	3358000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.7 km ²
Perimeter of catchment	22.0 km
Basin Length	7183.5 m
Form factor	0.41974
Circularity ratio	0.56162
Elongation ratio	0.73080
Highest Stream order	6
Max elevation	430.0 m
Min elevation	357.0 m
Mean bifurcation ratio	2.5192
Stream frequency	76.1320 per km ²
Relief	73.00 m
Drainage density	10.1400 km/km ²
Length of overland flow	49.311 m

CATCHMENT CLIMATOLOGY

