

Gudgaon Dam

Location	21.5972° N, 77.7031° E
State	Madhya Pradesh
Nearest City	Bhainsdehi
Year of Completion	1976
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	570.0 m
Reservoir Area	455000.0 m ²
Gross storage capacity	805000.0 m ³
Effective storage capacity	725000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.2 km ²
Perimeter of catchment	9.1 km
Basin Length	2626.5 m
Form factor	0.61504
Circularity ratio	0.65097
Elongation ratio	0.88463
Highest Stream order	5
Max elevation	750.0 m
Min elevation	697.0 m
Mean bifurcation ratio	2.5171
Stream frequency	78.9560 per km ²
Relief	53.00 m
Drainage density	10.6630 km/km ²
Length of overland flow	46.891 m

CATCHMENT CLIMATOLOGY

Data not available.