

Gujramal Dam

Location	21.6444° N, 77.9250° E
State	Madhya Pradesh
Nearest City	Bhainsdehi
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.4 m
Dam length	701.0 m
Reservoir Area	398000.0 m ²
Gross storage capacity	1122000.0 m ³
Effective storage capacity	1043000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.5 km ²
Perimeter of catchment	8.8 km
Basin Length	2645.1 m
Form factor	0.64941
Circularity ratio	0.73048
Elongation ratio	0.90901
Highest Stream order	4
Max elevation	688.0 m
Min elevation	654.0 m
Mean bifurcation ratio	6.0012
Stream frequency	76.1520 per km ²
Relief	34.00 m
Drainage density	9.7690 km/km ²
Length of overland flow	51.184 m

CATCHMENT CLIMATOLOGY

