

Gulabpura Dam

Location	22.6192° N, 74.6044° E
State	Madhya Pradesh
Nearest City	Jhabua
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Anas
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.4 m
Dam length	790.0 m
Reservoir Area	883000.0 m ²
Gross storage capacity	4835000.0 m ³
Effective storage capacity	3768000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	32.8 km ²
Perimeter of catchment	29.7 km
Basin Length	10954.0 m
Form factor	0.27319
Circularity ratio	0.46833
Elongation ratio	0.58958
Highest Stream order	5
Max elevation	525.0 m
Min elevation	375.0 m
Mean bifurcation ratio	2.3389
Stream frequency	72.7840 per km ²
Relief	150.00 m
Drainage density	9.5630 km/km ²
Length of overland flow	52.286 m

CATCHMENT CLIMATOLOGY

