

Golai Dam

Location	22.2164° N, 77.9925° E
State	Madhya Pradesh
Nearest City	Golai
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.3 m
Dam length	944.8 m
Reservoir Area	526300.0 m ²
Gross storage capacity	1169000.0 m ³
Effective storage capacity	1095000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.7 km ²
Perimeter of catchment	8.2 km
Basin Length	2536.7 m
Form factor	0.57781
Circularity ratio	0.70197
Elongation ratio	0.85744
Highest Stream order	5
Max elevation	416.0 m
Min elevation	391.0 m
Mean bifurcation ratio	2.7607
Stream frequency	72.0770 per km ²
Relief	25.00 m
Drainage density	9.3510 km/km ²
Length of overland flow	53.470 m

CATCHMENT CLIMATOLOGY

