

Gonda Dam

Location	24.7528° N, 80.5136° E
State	Madhya Pradesh
Nearest City	Nagod
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	823.0 m
Reservoir Area	1620000.0 m ²
Gross storage capacity	480000.0 m ³
Effective storage capacity	387000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	6.4 km
Basin Length	2099.4 m
Form factor	0.51363
Circularity ratio	0.68598
Elongation ratio	0.80842
Highest Stream order	4
Max elevation	448.0 m
Min elevation	414.0 m
Mean bifurcation ratio	2.7643
Stream frequency	68.0280 per km ²
Relief	34.00 m
Drainage density	8.1000 km/km ²
Length of overland flow	61.730 m

CATCHMENT CLIMATOLOGY

