

Gopalpura Dam

Location	24.3171° N, 75.1798° E
State	Madhya Pradesh
Nearest City	Garot
Year of Completion	1954
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.9 m
Dam length	792.5 m
Reservoir Area	2007000.0 m ²
Gross storage capacity	5657000.0 m ³
Effective storage capacity	5269000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1480.3 km ²
Perimeter of catchment	222.7 km
Basin Length	55047.0 m
Form factor	0.48853
Circularity ratio	0.37519
Elongation ratio	0.78841
Highest Stream order	8
Max elevation	574.0 m
Min elevation	400.0 m
Mean bifurcation ratio	2.2868
Stream frequency	75.9850 per km ²
Relief	174.00 m
Drainage density	10.2240 km/km ²
Length of overland flow	48.906 m

CATCHMENT CLIMATOLOGY

