

Goratal Dam

Location	24.9719° N, 79.4553° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	1963
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Goratal
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	1341.0 m
Reservoir Area	8666000.0 m ²
Gross storage capacity	11250000.0 m ³
Effective storage capacity	11006000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.4 km ²
Perimeter of catchment	28.1 km
Basin Length	8574.9 m
Form factor	0.31880
Circularity ratio	0.37196
Elongation ratio	0.63690
Highest Stream order	6
Max elevation	309.0 m
Min elevation	245.0 m
Mean bifurcation ratio	10.5320
Stream frequency	75.9340 per km ²
Relief	64.00 m
Drainage density	9.9520 km/km ²
Length of overland flow	50.243 m

CATCHMENT CLIMATOLOGY

