

Roomal Dam

Location	22.3022° N, 80.0561° E
State	Madhya Pradesh
Nearest City	Seoni
Year of Completion	1910
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Dargada
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.4 m
Dam length	1290.0 m
Reservoir Area	2027500.0 m ²
Gross storage capacity	6400000.0 m ³
Effective storage capacity	5690000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.8 km ²
Perimeter of catchment	10.5 km
Basin Length	3686.9 m
Form factor	0.35150
Circularity ratio	0.54599
Elongation ratio	0.66877
Highest Stream order	5
Max elevation	426.0 m
Min elevation	360.0 m
Mean bifurcation ratio	2.6795
Stream frequency	77.0180 per km ²
Relief	66.00 m
Drainage density	10.1850 km/km ²
Length of overland flow	49.093 m

CATCHMENT CLIMATOLOGY

