

Nagdagajora Dam

Location	25.1539° N, 78.2103° E
State	Madhya Pradesh
Nearest City	Pichor
Year of Completion	1911
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Nagda Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	210.0 m
Reservoir Area	3580000.0 m ²
Gross storage capacity	3580000.0 m ³
Effective storage capacity	3191000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	45.1 km ²
Perimeter of catchment	32.4 km
Basin Length	11580.0 m
Form factor	0.33600
Circularity ratio	0.54095
Elongation ratio	0.65385
Highest Stream order	6
Max elevation	388.0 m
Min elevation	328.0 m
Mean bifurcation ratio	2.3414
Stream frequency	74.0430 per km ²
Relief	60.00 m
Drainage density	9.6690 km/km ²
Length of overland flow	51.710 m

CATCHMENT CLIMATOLOGY

