

Geolari Dam

Location	24.2781° N, 79.2356° E
State	Madhya Pradesh
Nearest City	Bijawar
Year of Completion	1966
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Kalidoha Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.4 m
Dam length	579.0 m
Reservoir Area	319000.0 m ²
Gross storage capacity	1529000.0 m ³
Effective storage capacity	1435000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	11.8 km
Basin Length	4093.3 m
Form factor	0.35498
Circularity ratio	0.53730
Elongation ratio	0.67206
Highest Stream order	5
Max elevation	496.0 m
Min elevation	444.0 m
Mean bifurcation ratio	2.2947
Stream frequency	74.1480 per km ²
Relief	52.00 m
Drainage density	9.4420 km/km ²
Length of overland flow	52.953 m

CATCHMENT CLIMATOLOGY

