

Sitadongari Dam

Location	22.1356° N, 80.4561° E
State	Madhya Pradesh
Nearest City	Baihar
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Gurar Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.5 m
Dam length	870.0 m
Reservoir Area	305000.0 m ²
Gross storage capacity	146000.0 m ³
Effective storage capacity	115000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	10.5 km
Basin Length	3200.2 m
Form factor	0.57736
Circularity ratio	0.67302
Elongation ratio	0.85710
Highest Stream order	5
Max elevation	743.0 m
Min elevation	546.0 m
Mean bifurcation ratio	3.0815
Stream frequency	82.7000 per km ²
Relief	197.00 m
Drainage density	11.6070 km/km ²
Length of overland flow	43.079 m

CATCHMENT CLIMATOLOGY

