

Nagda Nalla Dam

Location	23.6450° N, 78.8450° E
State	Madhya Pradesh
Nearest City	Tikamgarh
Year of Completion	1964
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Nagda Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.2 m
Dam length	2866.0 m
Reservoir Area	6780000.0 m ²
Gross storage capacity	1845000.0 m ³
Effective storage capacity	1698000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.6 km ²
Perimeter of catchment	7.1 km
Basin Length	1855.1 m
Form factor	0.74333
Circularity ratio	0.64459
Elongation ratio	0.97252
Highest Stream order	4
Max elevation	523.0 m
Min elevation	493.0 m
Mean bifurcation ratio	2.6489
Stream frequency	75.8410 per km ²
Relief	30.00 m
Drainage density	9.5560 km/km ²
Length of overland flow	52.322 m

CATCHMENT CLIMATOLOGY

