

Nandanwara Dam

Location	25.0769° N, 78.7583° E
State	Madhya Pradesh
Nearest City	Nivari
Year of Completion	1964
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Bargi Nadi
Dam Type	Other
Height above lowest foundation level	17.7 m
Dam length	250.0 m
Reservoir Area	3196981.0 m ²
Gross storage capacity	26795000.0 m ³
Effective storage capacity	23760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47.7 km ²
Perimeter of catchment	36.6 km
Basin Length	14392.0 m
Form factor	0.23006
Circularity ratio	0.44601
Elongation ratio	0.54104
Highest Stream order	6
Max elevation	345.0 m
Min elevation	291.0 m
Mean bifurcation ratio	2.1571
Stream frequency	76.9310 per km ²
Relief	54.00 m
Drainage density	10.4790 km/km ²
Length of overland flow	47.716 m

CATCHMENT CLIMATOLOGY

