

Wagya Nalla Dam

Location	21.7064° N, 78.7700° E
State	Madhya Pradesh
Nearest City	Sausar
Year of Completion	1976
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Waghya Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.1 m
Dam length	650.0 m
Reservoir Area	1180000.0 m ²
Gross storage capacity	8400000.0 m ³
Effective storage capacity	7720000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.1 km ²
Perimeter of catchment	31.7 km
Basin Length	11460.0 m
Form factor	0.22947
Circularity ratio	0.37795
Elongation ratio	0.54035
Highest Stream order	6
Max elevation	641.0 m
Min elevation	393.0 m
Mean bifurcation ratio	2.2993
Stream frequency	79.7730 per km ²
Relief	248.00 m
Drainage density	11.0130 km/km ²
Length of overland flow	45.403 m

CATCHMENT CLIMATOLOGY

