

Nalajhiri Dam

Location	24.0211° N, 77.1117° E
State	Madhya Pradesh
Nearest City	Biaora
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	604.0 m
Reservoir Area	336000.0 m ²
Gross storage capacity	1062000.0 m ³
Effective storage capacity	1030000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	7.5 km
Basin Length	2242.2 m
Form factor	0.62866
Circularity ratio	0.70593
Elongation ratio	0.89437
Highest Stream order	5
Max elevation	513.0 m
Min elevation	440.0 m
Mean bifurcation ratio	2.9583
Stream frequency	93.3360 per km ²
Relief	73.00 m
Drainage density	12.8740 km/km ²
Length of overland flow	38.837 m

CATCHMENT CLIMATOLOGY

