

Nando Dam

Location	23.9453° N, 82.4511° E
State	Madhya Pradesh
Nearest City	Singrauli
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.7 m
Dam length	878.0 m
Reservoir Area	186000.0 m ²
Gross storage capacity	800000.0 m ³
Effective storage capacity	730000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km ²
Perimeter of catchment	7.9 km
Basin Length	2733.6 m
Form factor	0.29325
Circularity ratio	0.44539
Elongation ratio	0.61084
Highest Stream order	4
Max elevation	721.0 m
Min elevation	337.0 m
Mean bifurcation ratio	2.9615
Stream frequency	89.4460 per km ²
Relief	384.00 m
Drainage density	12.6750 km/km ²
Length of overland flow	39.447 m

CATCHMENT CLIMATOLOGY

