

Nagi Dam

Location	24.8208° N, 86.3997° E
State	Bihar
Nearest City	Munger
Year of Completion	1968
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Nagi.
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.0 m
Dam length	1884.0 m
Reservoir Area	4250000.0 m ²
Gross storage capacity	10800000.0 m ³
Effective storage capacity	9300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.0 km ²
Perimeter of catchment	33.1 km
Basin Length	12469.0 m
Form factor	0.18659
Circularity ratio	0.33380
Elongation ratio	0.48725
Highest Stream order	6
Max elevation	450.0 m
Min elevation	119.0 m
Mean bifurcation ratio	2.1006
Stream frequency	80.3170 per km ²
Relief	331.00 m
Drainage density	10.8750 km/km ²
Length of overland flow	45.979 m

CATCHMENT CLIMATOLOGY

