

Sindhwarni Dam

Location	25.1308° N, 86.6250° E
State	Bihar
Nearest City	Munger
Year of Completion	Not Available
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Mani
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.6 m
Dam length	125.6 m
Reservoir Area	7000000.0 m ²
Gross storage capacity	50060000.0 m ³
Effective storage capacity	34260000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.5 km ²
Perimeter of catchment	19.7 km
Basin Length	8246.7 m
Form factor	0.15443
Circularity ratio	0.33909
Elongation ratio	0.44328
Highest Stream order	4
Max elevation	61.0 m
Min elevation	40.0 m
Mean bifurcation ratio	2.1209
Stream frequency	72.5530 per km ²
Relief	21.00 m
Drainage density	9.1830 km/km ²
Length of overland flow	54.451 m

CATCHMENT CLIMATOLOGY

