

## Nibuha Dam

Location	24.3625° N, 82.0789° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.4 m
Dam length	82.0 m
Reservoir Area	255000.0 m <sup>2</sup>
Gross storage capacity	1789000.0 m <sup>3</sup>
Effective storage capacity	1636000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km <sup>2</sup>
Perimeter of catchment	9.7 km
Basin Length	2766.5 m
Form factor	0.60536
Circularity ratio	0.61598
Elongation ratio	0.87764
Highest Stream order	4
Max elevation	425.0 m
Min elevation	297.0 m
Mean bifurcation ratio	2.5432
Stream frequency	83.5320 per km <sup>2</sup>
Relief	128.00 m
Drainage density	11.2510 km/km <sup>2</sup>
Length of overland flow	44.440 m

## CATCHMENT CLIMATOLOGY

