

## Nakti Dam

Location	24.8531° N, 86.4433° E
State	Bihar
Nearest City	Munger
Year of Completion	1980
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Nakti.
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	990.9 m
Reservoir Area	3640000.0 m <sup>2</sup>
Gross storage capacity	13970000.0 m <sup>3</sup>
Effective storage capacity	12870000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km <sup>2</sup>
Perimeter of catchment	9.3 km
Basin Length	3791.1 m
Form factor	0.32909
Circularity ratio	0.68023
Elongation ratio	0.64710
Highest Stream order	4
Max elevation	173.0 m
Min elevation	126.0 m
Mean bifurcation ratio	2.5731
Stream frequency	86.0500 per km <sup>2</sup>
Relief	47.00 m
Drainage density	11.8660 km/km <sup>2</sup>
Length of overland flow	42.139 m

## CATCHMENT CLIMATOLOGY

