

## Orhni Dam

Location	24.8236° N, 86.8122° E
State	Bihar
Nearest City	Banka
Year of Completion	2000
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Orhni.
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.0 m
Dam length	686.0 m
Reservoir Area	2024000.0 m <sup>2</sup>
Gross storage capacity	51560000.0 m <sup>3</sup>
Effective storage capacity	44590000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	139.0 km <sup>2</sup>
Perimeter of catchment	48.1 km
Basin Length	15020.0 m
Form factor	0.61586
Circularity ratio	0.75367
Elongation ratio	0.88522
Highest Stream order	7
Max elevation	359.0 m
Min elevation	109.0 m
Mean bifurcation ratio	3.8115
Stream frequency	74.7040 per km <sup>2</sup>
Relief	250.00 m
Drainage density	9.8820 km/km <sup>2</sup>
Length of overland flow	50.595 m

## CATCHMENT CLIMATOLOGY

