

## Belharna Dam

Location	24.8528° N, 86.5608° E
State	Bihar
Nearest City	Bhagalpur
Year of Completion	1987
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Belharna.
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.1 m
Dam length	411.6 m
Reservoir Area	2680000.0 m <sup>2</sup>
Gross storage capacity	15560000.0 m <sup>3</sup>
Effective storage capacity	14570000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	41.5 km <sup>2</sup>
Perimeter of catchment	27.9 km
Basin Length	8453.0 m
Form factor	0.58031
Circularity ratio	0.67024
Elongation ratio	0.85929
Highest Stream order	6
Max elevation	353.0 m
Min elevation	108.0 m
Mean bifurcation ratio	2.6215
Stream frequency	80.4780 per km <sup>2</sup>
Relief	245.00 m
Drainage density	10.9920 km/km <sup>2</sup>
Length of overland flow	45.486 m

## CATCHMENT CLIMATOLOGY

