

## Kolmahadeo Dam

Location	24.7111° N, 85.6617° E
State	Bihar
Nearest City	Nawada
Year of Completion	1966
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Kolmahadeo.
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.2 m
Dam length	152.0 m
Reservoir Area	570000.0 m <sup>2</sup>
Gross storage capacity	5700000.0 m <sup>3</sup>
Effective storage capacity	4700000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.5 km <sup>2</sup>
Perimeter of catchment	16.5 km
Basin Length	4399.8 m
Form factor	0.59438
Circularity ratio	0.53374
Elongation ratio	0.86965
Highest Stream order	5
Max elevation	600.0 m
Min elevation	138.0 m
Mean bifurcation ratio	3.2359
Stream frequency	88.6480 per km <sup>2</sup>
Relief	462.00 m
Drainage density	12.8110 km/km <sup>2</sup>
Length of overland flow	39.029 m

## CATCHMENT CLIMATOLOGY

