

## Khairabera Dam

Location	23.2637° N, 86.0053° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1989
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Khairabera
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	372.0 m
Reservoir Area	373000.0 m <sup>2</sup>
Gross storage capacity	5442000.0 m <sup>3</sup>
Effective storage capacity	5195000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.9 km <sup>2</sup>
Perimeter of catchment	23.2 km
Basin Length	8255.8 m
Form factor	0.27692
Circularity ratio	0.44007
Elongation ratio	0.59359
Highest Stream order	4
Max elevation	604.0 m
Min elevation	282.0 m
Mean bifurcation ratio	2.4814
Stream frequency	86.4140 per km <sup>2</sup>
Relief	322.00 m
Drainage density	12.1160 km/km <sup>2</sup>
Length of overland flow	41.267 m

## CATCHMENT CLIMATOLOGY

