

## Barabhum Dam

Location	23.0320° N, 86.3088° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1991
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Barabhum.
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	1529.0 m
Reservoir Area	184000.0 m <sup>2</sup>
Gross storage capacity	8391000.0 m <sup>3</sup>
Effective storage capacity	5183000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	127.8 km <sup>2</sup>
Perimeter of catchment	55.5 km
Basin Length	15771.0 m
Form factor	0.51382
Circularity ratio	0.52218
Elongation ratio	0.80857
Highest Stream order	7
Max elevation	485.0 m
Min elevation	212.0 m
Mean bifurcation ratio	2.1828
Stream frequency	73.0470 per km <sup>2</sup>
Relief	273.00 m
Drainage density	9.7920 km/km <sup>2</sup>
Length of overland flow	51.064 m

## CATCHMENT CLIMATOLOGY

