

## Futiary Dam

Location	23.3846° N, 86.5673° E
State	West Bengal
Nearest City	Purulia
Year of Completion	2004
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Futiary.
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	768.0 m
Reservoir Area	793000.0 m <sup>2</sup>
Gross storage capacity	2386000.0 m <sup>3</sup>
Effective storage capacity	1850000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.3 km <sup>2</sup>
Perimeter of catchment	21.2 km
Basin Length	5830.4 m
Form factor	0.71497
Circularity ratio	0.67799
Elongation ratio	0.95379
Highest Stream order	6
Max elevation	260.0 m
Min elevation	195.0 m
Mean bifurcation ratio	3.8410
Stream frequency	79.2460 per km <sup>2</sup>
Relief	65.00 m
Drainage density	10.9930 km/km <sup>2</sup>
Length of overland flow	45.483 m

## CATCHMENT CLIMATOLOGY

