

Kangsabati Kumari Dam

Location	22.9639° N, 86.7889° E
State	West Bengal
Nearest City	Bankura
Year of Completion	1965
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Kangsabati Kumari.
Dam Type	Earthfill Embankment
Height above lowest foundation level	41.0 m
Dam length	11270.0 m
Reservoir Area	36250000.0 m ²
Gross storage capacity	1040000000.0 m ³
Effective storage capacity	900400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.9 km ²
Perimeter of catchment	15.7 km
Basin Length	4363.4 m
Form factor	0.46765
Circularity ratio	0.45187
Elongation ratio	0.77138
Highest Stream order	4
Max elevation	206.0 m
Min elevation	99.0 m
Mean bifurcation ratio	2.4716
Stream frequency	80.9770 per km ²
Relief	107.00 m
Drainage density	11.2900 km/km ²
Length of overland flow	44.288 m

CATCHMENT CLIMATOLOGY

