

Kumari Dam

Location	23.1565° N, 86.2846° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1984
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Kumari.
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	1068.0 m
Reservoir Area	1783000.0 m ²
Gross storage capacity	7155000.0 m ³
Effective storage capacity	4319000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	105.2 km ²
Perimeter of catchment	49.8 km
Basin Length	14590.0 m
Form factor	0.49427
Circularity ratio	0.53300
Elongation ratio	0.79303
Highest Stream order	7
Max elevation	628.0 m
Min elevation	225.0 m
Mean bifurcation ratio	2.3851
Stream frequency	75.2340 per km ²
Relief	403.00 m
Drainage density	10.1790 km/km ²
Length of overland flow	49.122 m

CATCHMENT CLIMATOLOGY

