

Moutorejore Dam

Location	23.5802° N, 86.5870° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1990
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Moutorejore.
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	1151.0 m
Reservoir Area	709000.0 m ²
Gross storage capacity	2652000.0 m ³
Effective storage capacity	1685000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.5 km ²
Perimeter of catchment	24.4 km
Basin Length	8961.3 m
Form factor	0.35486
Circularity ratio	0.59949
Elongation ratio	0.67195
Highest Stream order	5
Max elevation	220.0 m
Min elevation	149.0 m
Mean bifurcation ratio	2.3227
Stream frequency	75.0240 per km ²
Relief	71.00 m
Drainage density	9.9910 km/km ²
Length of overland flow	50.047 m

CATCHMENT CLIMATOLOGY

