

Karrior Dam

Location	23.4251° N, 85.9457° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1988
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Karrior
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.5 m
Dam length	925.0 m
Reservoir Area	198000.0 m ²
Gross storage capacity	3900000.0 m ³
Effective storage capacity	308000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.6 km ²
Perimeter of catchment	19.2 km
Basin Length	5980.6 m
Form factor	0.57516
Circularity ratio	0.69911
Elongation ratio	0.85547
Highest Stream order	5
Max elevation	608.0 m
Min elevation	278.0 m
Mean bifurcation ratio	2.4124
Stream frequency	84.0450 per km ²
Relief	330.00 m
Drainage density	11.8080 km/km ²
Length of overland flow	42.344 m

CATCHMENT CLIMATOLOGY

