

Kharagpur Lake Dam

Location	25.1358° N, 86.5250° E
State	Bihar
Nearest City	Munger
Year of Completion	1876
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Mani
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.5 m
Dam length	221.0 m
Reservoir Area	3840000.0 m ²
Gross storage capacity	16510000.0 m ³
Effective storage capacity	16280000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	181.7 km ²
Perimeter of catchment	90.6 km
Basin Length	21446.0 m
Form factor	0.39496
Circularity ratio	0.27795
Elongation ratio	0.70890
Highest Stream order	7
Max elevation	466.0 m
Min elevation	52.0 m
Mean bifurcation ratio	3.4494
Stream frequency	83.4410 per km ²
Relief	414.00 m
Drainage density	11.7510 km/km ²
Length of overland flow	42.549 m

CATCHMENT CLIMATOLOGY

