

Murahir Dam

Location	22.6433° N, 86.4961° E
State	Jharkhand
Nearest City	Ghatshila
Year of Completion	1987
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Battajora Nala.
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.3 m
Dam length	597.5 m
Reservoir Area	1242200.0 m ²
Gross storage capacity	99900000.0 m ³
Effective storage capacity	8890000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.8 km ²
Perimeter of catchment	21.6 km
Basin Length	7419.3 m
Form factor	0.43153
Circularity ratio	0.63959
Elongation ratio	0.74100
Highest Stream order	6
Max elevation	504.0 m
Min elevation	147.0 m
Mean bifurcation ratio	3.2873
Stream frequency	86.8050 per km ²
Relief	357.00 m
Drainage density	12.7340 km/km ²
Length of overland flow	39.264 m

CATCHMENT CLIMATOLOGY

