

Lorgora Dam

Location	22.5819° N, 85.9519° E
State	Jharkhand
Nearest City	Saraikela Kharsawan
Year of Completion	1985
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Kharkai.
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	1055.0 m
Reservoir Area	346355.0 m ²
Gross storage capacity	3200000.0 m ³
Effective storage capacity	2300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.1 km ²
Perimeter of catchment	14.3 km
Basin Length	5161.1 m
Form factor	0.30376
Circularity ratio	0.49728
Elongation ratio	0.62169
Highest Stream order	4
Max elevation	383.0 m
Min elevation	215.0 m
Mean bifurcation ratio	2.2806
Stream frequency	76.0090 per km ²
Relief	168.00 m
Drainage density	10.4940 km/km ²
Length of overland flow	47.646 m

CATCHMENT CLIMATOLOGY

