

## Chandil Dam

Location	22.9753° N, 86.0200° E
State	Jharkhand
Nearest City	Saraikela Kharsawan
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
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Dam Type	Earthfill Embankment
Height above lowest foundation level	56.8 m
Dam length	720.1 m
Reservoir Area	174090000.0 m <sup>2</sup>
Gross storage capacity	1500000000.0 m <sup>3</sup>
Effective storage capacity	1148000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5761.1 km <sup>2</sup>
Perimeter of catchment	426.2 km
Basin Length	114190.0 m
Form factor	0.44180
Circularity ratio	0.39865
Elongation ratio	0.74976
Highest Stream order	9
Max elevation	1025.0 m
Min elevation	140.0 m
Mean bifurcation ratio	2.3493
Stream frequency	77.9290 per km <sup>2</sup>
Relief	885.00 m
Drainage density	10.7590 km/km <sup>2</sup>
Length of overland flow	46.471 m

## CATCHMENT CLIMATOLOGY

