

Jharjhara Dam

Location	22.7689° N, 85.5697° E
State	Jharkhand
Nearest City	Chakardharpur
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Brahamni.
Dam Type	Earthfill Embankment
Height above lowest foundation level	66.0 m
Dam length	667.0 m
Reservoir Area	2373000.0 m ²
Gross storage capacity	22470000.0 m ³
Effective storage capacity	1980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	79.3 km ²
Perimeter of catchment	40.9 km
Basin Length	11628.0 m
Form factor	0.58680
Circularity ratio	0.59660
Elongation ratio	0.86408
Highest Stream order	6
Max elevation	864.0 m
Min elevation	286.0 m
Mean bifurcation ratio	2.2840
Stream frequency	84.3320 per km ²
Relief	578.00 m
Drainage density	11.9290 km/km ²
Length of overland flow	41.914 m

CATCHMENT CLIMATOLOGY

