

Sitaram Pur Dam

Location	22.7725° N, 86.1058° E
State	Jharkhand
Nearest City	Saraikela Kharsawan
Year of Completion	1964
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Sitaram Pur
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	2043.0 m
Reservoir Area	63700.0 m ²
Gross storage capacity	8826200.0 m ³
Effective storage capacity	8085300.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.0 km ²
Perimeter of catchment	20.9 km
Basin Length	7472.5 m
Form factor	0.37617
Circularity ratio	0.60180
Elongation ratio	0.69183
Highest Stream order	5
Max elevation	203.0 m
Min elevation	138.0 m
Mean bifurcation ratio	2.2894
Stream frequency	73.8890 per km ²
Relief	65.00 m
Drainage density	9.9710 km/km ²
Length of overland flow	50.146 m

CATCHMENT CLIMATOLOGY

