

Kanhar Dam

Location	24.1228° N, 83.2968° E
State	Jharkhand
Nearest City	Garhwa
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Kanhar
Dam Type	Earthfill Embankment
Height above lowest foundation level	43.0 m
Dam length	m
Reservoir Area	435304.0 m ²
Gross storage capacity	574000000.0 m ³
Effective storage capacity	522000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4504.8 km ²
Perimeter of catchment	558.4 km
Basin Length	146310.0 m
Form factor	0.21043
Circularity ratio	0.18159
Elongation ratio	0.51744
Highest Stream order	9
Max elevation	1219.0 m
Min elevation	227.0 m
Mean bifurcation ratio	2.1720
Stream frequency	78.8890 per km ²
Relief	992.00 m
Drainage density	10.9120 km/km ²
Length of overland flow	45.821 m

CATCHMENT CLIMATOLOGY

