

Danro Dam

Location	24.0271° N, 83.5543° E
State	Jharkhand
Nearest City	Garhwa
Year of Completion	1985
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Danro.
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.4 m
Dam length	1372.0 m
Reservoir Area	3360000.0 m ²
Gross storage capacity	17218800.0 m ³
Effective storage capacity	14811800.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	92.9 km ²
Perimeter of catchment	45.3 km
Basin Length	16334.0 m
Form factor	0.34820
Circularity ratio	0.56836
Elongation ratio	0.66562
Highest Stream order	6
Max elevation	628.0 m
Min elevation	357.0 m
Mean bifurcation ratio	2.9381
Stream frequency	76.5730 per km ²
Relief	271.00 m
Drainage density	10.2940 km/km ²
Length of overland flow	48.572 m

CATCHMENT CLIMATOLOGY

