

Temarain Dam

Location	23.9981° N, 84.0031° E
State	Jharkhand
Nearest City	Daltonganj
Year of Completion	1973
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Temarain.
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	503.1 m
Reservoir Area	340000.0 m ²
Gross storage capacity	1300000.0 m ³
Effective storage capacity	1220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.9 km ²
Perimeter of catchment	13.3 km
Basin Length	4211.1 m
Form factor	0.38941
Circularity ratio	0.49382
Elongation ratio	0.70390
Highest Stream order	5
Max elevation	350.0 m
Min elevation	246.0 m
Mean bifurcation ratio	2.5829
Stream frequency	77.7650 per km ²
Relief	104.00 m
Drainage density	10.5310 km/km ²
Length of overland flow	47.480 m

CATCHMENT CLIMATOLOGY

