

Batane Dam

Location	24.4275° N, 84.2603° E
State	Jharkhand
Nearest City	Daltonganj
Year of Completion	1990
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Batare.
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.1 m
Dam length	2012.2 m
Reservoir Area	13360000.0 m ²
Gross storage capacity	678700000.0 m ³
Effective storage capacity	59970000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	222.4 km ²
Perimeter of catchment	80.6 km
Basin Length	22193.0 m
Form factor	0.45153
Circularity ratio	0.43016
Elongation ratio	0.75797
Highest Stream order	6
Max elevation	577.0 m
Min elevation	211.0 m
Mean bifurcation ratio	2.2738
Stream frequency	75.6840 per km ²
Relief	366.00 m
Drainage density	10.1070 km/km ²
Length of overland flow	49.472 m

CATCHMENT CLIMATOLOGY

