

Burhi Dam

Location	24.3572° N, 86.5414° E
State	Jharkhand
Nearest City	Deoghar
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Pathro
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.2 m
Dam length	5760.0 m
Reservoir Area	71807.0 m ²
Gross storage capacity	249228571.0 m ³
Effective storage capacity	174460000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	386.4 km ²
Perimeter of catchment	98.0 km
Basin Length	33005.0 m
Form factor	0.35476
Circularity ratio	0.50565
Elongation ratio	0.67186
Highest Stream order	7
Max elevation	371.0 m
Min elevation	238.0 m
Mean bifurcation ratio	2.7109
Stream frequency	75.2590 per km ²
Relief	133.00 m
Drainage density	10.0800 km/km ²
Length of overland flow	49.601 m

CATCHMENT CLIMATOLOGY

