

Malay Dam

Location	23.9186° N, 84.2831° E
State	Jharkhand
Nearest City	Daltonganj
Year of Completion	1985
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	North Koel
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.8 m
Dam length	1714.2 m
Reservoir Area	3460000.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	111.9 km ²
Perimeter of catchment	56.2 km
Basin Length	20681.0 m
Form factor	0.26157
Circularity ratio	0.44478
Elongation ratio	0.57690
Highest Stream order	6
Max elevation	619.0 m
Min elevation	269.0 m
Mean bifurcation ratio	2.2777
Stream frequency	74.2320 per km ²
Relief	350.00 m
Drainage density	9.8100 km/km ²
Length of overland flow	50.970 m

CATCHMENT CLIMATOLOGY

