

Maithon Dam

Location	23.7853° N, 86.8119° E
State	Jharkhand
Nearest City	Asansol
Year of Completion	1957
Operated and Maintained by	Damodar Valley Corporation
River Basin	Subarnarekha
River	Barakar River
Dam Type	Earthfill Embankment
Height above lowest foundation level	56.1 m
Dam length	4426.8 m
Reservoir Area	107160000.0 m ²
Gross storage capacity	534000000.0 m ³
Effective storage capacity	441000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6411.7 km ²
Perimeter of catchment	553.5 km
Basin Length	197070.0 m
Form factor	0.16509
Circularity ratio	0.26311
Elongation ratio	0.45832
Highest Stream order	9
Max elevation	1321.0 m
Min elevation	95.0 m
Mean bifurcation ratio	2.2729
Stream frequency	76.3280 per km ²
Relief	1226.00 m
Drainage density	10.3590 km/km ²
Length of overland flow	48.267 m

CATCHMENT CLIMATOLOGY

