

Tenughat Dam

Location	23.7253° N, 85.8361° E
State	Jharkhand
Nearest City	Hazaribagh
Year of Completion	1978
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Damodar.
Dam Type	Earthfill Embankment
Height above lowest foundation level	50.6 m
Dam length	6494.0 m
Reservoir Area	64780000.0 m ²
Gross storage capacity	1020900000.0 m ³
Effective storage capacity	999920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47.5 km ²
Perimeter of catchment	34.8 km
Basin Length	13633.0 m
Form factor	0.25532
Circularity ratio	0.49276
Elongation ratio	0.56996
Highest Stream order	6
Max elevation	392.0 m
Min elevation	217.0 m
Mean bifurcation ratio	2.1548
Stream frequency	75.7560 per km ²
Relief	175.00 m
Drainage density	9.9360 km/km ²
Length of overland flow	50.323 m

CATCHMENT CLIMATOLOGY

