

Turga Dam

Location	23.1979° N, 86.0626° E
State	West Bengal
Nearest City	Purulia
Year of Completion	1990
Operated and Maintained by	West Bengal Water Resources Department
River Basin	Subarnarekha
River	Turga
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	890.0 m
Reservoir Area	316000.0 m ²
Gross storage capacity	1970000.0 m ³
Effective storage capacity	1704000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.4 km ²
Perimeter of catchment	6.9 km
Basin Length	1843.4 m
Form factor	0.71602
Circularity ratio	0.63718
Elongation ratio	0.95449
Highest Stream order	4
Max elevation	493.0 m
Min elevation	259.0 m
Mean bifurcation ratio	2.7464
Stream frequency	101.5200 per km ²
Relief	234.00 m
Drainage density	14.3220 km/km ²
Length of overland flow	34.912 m

CATCHMENT CLIMATOLOGY

