

Turla M.I.P Dam

Location	20.3078° N, 83.0914° E
State	Odisha
Nearest City	Kesinga
Year of Completion	2002
Operated and Maintained by	Odisha Water Resources Department
River Basin	Mahanadi
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	2320.0 m
Reservoir Area	12000000.0 m ²
Gross storage capacity	3418000.0 m ³
Effective storage capacity	3030000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	74.2 km ²
Perimeter of catchment	38.0 km
Basin Length	13485.0 m
Form factor	0.40791
Circularity ratio	0.64612
Elongation ratio	0.72043
Highest Stream order	6
Max elevation	318.0 m
Min elevation	205.0 m
Mean bifurcation ratio	2.1350
Stream frequency	67.2080 per km ²
Relief	113.00 m
Drainage density	8.6660 km/km ²
Length of overland flow	57.700 m

CATCHMENT CLIMATOLOGY

