

Torai Dam

Location	24.6567° N, 87.6172° E
State	Jharkhand
Nearest City	Pakur
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Torai
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.4 m
Dam length	647.7 m
Reservoir Area	4450000.0 m ²
Gross storage capacity	248000000.0 m ³
Effective storage capacity	21100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	81.3 km ²
Perimeter of catchment	40.1 km
Basin Length	14652.0 m
Form factor	0.37877
Circularity ratio	0.63525
Elongation ratio	0.69422
Highest Stream order	7
Max elevation	451.0 m
Min elevation	58.0 m
Mean bifurcation ratio	2.3991
Stream frequency	83.5420 per km ²
Relief	393.00 m
Drainage density	11.6240 km/km ²
Length of overland flow	43.014 m

CATCHMENT CLIMATOLOGY

