

Sunder Dam

Location	24.9436° N, 87.3908° E
State	Jharkhand
Nearest City	Godda
Year of Completion	1976
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Sunder.
Dam Type	Earthfill Embankment
Height above lowest foundation level	35.7 m
Dam length	1555.0 m
Reservoir Area	4970000.0 m ²
Gross storage capacity	30890000.0 m ³
Effective storage capacity	21623000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	91.2 km ²
Perimeter of catchment	45.5 km
Basin Length	10801.0 m
Form factor	0.78194
Circularity ratio	0.55345
Elongation ratio	0.99746
Highest Stream order	6
Max elevation	460.0 m
Min elevation	95.0 m
Mean bifurcation ratio	2.4185
Stream frequency	84.1010 per km ²
Relief	365.00 m
Drainage density	11.8920 km/km ²
Length of overland flow	42.045 m

CATCHMENT CLIMATOLOGY

