

Garga Dam

Location	23.6347° N, 86.0705° E
State	Jharkhand
Nearest City	Dharni
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Tapi
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.1 m
Dam length	2510.0 m
Reservoir Area	604000.0 m ²
Gross storage capacity	33810000.0 m ³
Effective storage capacity	26450000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km ²
Perimeter of catchment	8.1 km
Basin Length	2318.8 m
Form factor	0.65884
Circularity ratio	0.68505
Elongation ratio	0.91559
Highest Stream order	4
Max elevation	446.0 m
Min elevation	361.0 m
Mean bifurcation ratio	2.9047
Stream frequency	83.5590 per km ²
Relief	85.00 m
Drainage density	11.6030 km/km ²
Length of overland flow	43.094 m

CATCHMENT CLIMATOLOGY

