

Nakti

Location	22.7339° N, 85.5036° E
State	Jharkhand
Nearest City	Chakardharpur
Year of Completion	2010
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Bijay
Dam Type	Earthfill Embankment
Height above lowest foundation level	37.6 m
Dam length	677.5 m
Reservoir Area	720600.0 m ²
Gross storage capacity	11000000.0 m ³
Effective storage capacity	9204000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.9 km ²
Perimeter of catchment	29.1 km
Basin Length	9044.1 m
Form factor	0.28024
Circularity ratio	0.33969
Elongation ratio	0.59714
Highest Stream order	5
Max elevation	855.0 m
Min elevation	288.0 m
Mean bifurcation ratio	2.4267
Stream frequency	80.0520 per km ²
Relief	567.00 m
Drainage density	11.0930 km/km ²
Length of overland flow	45.075 m

CATCHMENT CLIMATOLOGY

