

## Surangi Dam

Location	22.9503° N, 85.8306° E
State	Jharkhand
Nearest City	Khunti
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Subarnarekha
River	Surangi Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.9 m
Dam length	217.5 m
Reservoir Area	1020000.0 m <sup>2</sup>
Gross storage capacity	762000000.0 m <sup>3</sup>
Effective storage capacity	5230000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.3 km <sup>2</sup>
Perimeter of catchment	21.9 km
Basin Length	5908.8 m
Form factor	0.58154
Circularity ratio	0.53003
Elongation ratio	0.86020
Highest Stream order	6
Max elevation	773.0 m
Min elevation	275.0 m
Mean bifurcation ratio	2.7892
Stream frequency	82.9410 per km <sup>2</sup>
Relief	498.00 m
Drainage density	11.6830 km/km <sup>2</sup>
Length of overland flow	42.798 m

## CATCHMENT CLIMATOLOGY

