

## Murrum Silli Dam

Location	20.5133° N, 81.6817° E
State	Chhattisgarh
Nearest City	Dhamtari
Year of Completion	1923
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Mahanadi
River	Silliari
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.5 m
Dam length	2591.0 m
Reservoir Area	25250000.0 m <sup>2</sup>
Gross storage capacity	165340000.0 m <sup>3</sup>
Effective storage capacity	162000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.1 km <sup>2</sup>
Perimeter of catchment	31.0 km
Basin Length	12607.0 m
Form factor	0.18950
Circularity ratio	0.39362
Elongation ratio	0.49103
Highest Stream order	5
Max elevation	488.0 m
Min elevation	361.0 m
Mean bifurcation ratio	2.1225
Stream frequency	72.2830 per km <sup>2</sup>
Relief	127.00 m
Drainage density	9.4400 km/km <sup>2</sup>
Length of overland flow	52.964 m

## CATCHMENT CLIMATOLOGY

