

## Muchakhandi Dam

Location	16.1422° N, 75.6653° E
State	Karnataka
Nearest City	Bagalkot
Year of Completion	1984
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Muchakhandi
Dam Type	Other
Height above lowest foundation level	18.3 m
Dam length	158.0 m
Reservoir Area	3646000.0 m <sup>2</sup>
Gross storage capacity	189110000.0 m <sup>3</sup>
Effective storage capacity	164350000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	75.4 km <sup>2</sup>
Perimeter of catchment	41.1 km
Basin Length	12966.0 m
Form factor	0.44837
Circularity ratio	0.56062
Elongation ratio	0.75531
Highest Stream order	7
Max elevation	650.0 m
Min elevation	534.0 m
Mean bifurcation ratio	8.1180
Stream frequency	75.6390 per km <sup>2</sup>
Relief	116.00 m
Drainage density	10.5860 km/km <sup>2</sup>
Length of overland flow	47.232 m

## CATCHMENT CLIMATOLOGY

