

Muchkundi Dam

Location	16.8689° N, 73.7333° E
State	Maharashtra
Nearest City	Lanja
Year of Completion	2014
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Muchkundi
Dam Type	Earthfill Embankment
Height above lowest foundation level	61.9 m
Dam length	427.0 m
Reservoir Area	1025000.0 m ²
Gross storage capacity	24354000.0 m ³
Effective storage capacity	23220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	21.2 km ²
Perimeter of catchment	21.0 km
Basin Length	4912.7 m
Form factor	0.87847
Circularity ratio	0.60294
Elongation ratio	1.05720
Highest Stream order	6
Max elevation	824.0 m
Min elevation	153.0 m
Mean bifurcation ratio	3.1430
Stream frequency	83.9080 per km ²
Relief	671.00 m
Drainage density	12.6240 km/km ²
Length of overland flow	39.608 m

CATCHMENT CLIMATOLOGY

