

Muchi Dam

Location	20.0656° N, 78.5883° E
State	Maharashtra
Nearest City	Pandhar Kawada
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	500.0 m
Reservoir Area	287000.0 m ²
Gross storage capacity	1410000.0 m ³
Effective storage capacity	1350000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.1 km ²
Perimeter of catchment	7.1 km
Basin Length	1840.8 m
Form factor	0.92303
Circularity ratio	0.78225
Elongation ratio	1.08370
Highest Stream order	4
Max elevation	362.0 m
Min elevation	281.0 m
Mean bifurcation ratio	3.7494
Stream frequency	77.3740 per km ²
Relief	81.00 m
Drainage density	10.6580 km/km ²
Length of overland flow	46.912 m

CATCHMENT CLIMATOLOGY

