

Madhuganda Dam

Location	21.3119° N, 78.8014° E
State	Maharashtra
Nearest City	Kalmeshwar.
Year of Completion	1965
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	1098.0 m
Reservoir Area	118600.0 m ²
Gross storage capacity	4885000.0 m ³
Effective storage capacity	4618000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.9 km ²
Perimeter of catchment	22.1 km
Basin Length	7881.0 m
Form factor	0.33726
Circularity ratio	0.53972
Elongation ratio	0.65508
Highest Stream order	5
Max elevation	529.0 m
Min elevation	372.0 m
Mean bifurcation ratio	2.2228
Stream frequency	83.4950 per km ²
Relief	157.00 m
Drainage density	11.8620 km/km ²
Length of overland flow	42.153 m

CATCHMENT CLIMATOLOGY

