

Madalmoni Dam

Location	19.1431° N, 75.7075° E
State	Maharashtra
Nearest City	Gevrai
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	1280.0 m
Reservoir Area	290000.0 m ²
Gross storage capacity	1117000.0 m ³
Effective storage capacity	1010000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.1 km ²
Perimeter of catchment	19.4 km
Basin Length	7903.0 m
Form factor	0.29018
Circularity ratio	0.60754
Elongation ratio	0.60764
Highest Stream order	5
Max elevation	593.0 m
Min elevation	477.0 m
Mean bifurcation ratio	2.6472
Stream frequency	81.7700 per km ²
Relief	116.00 m
Drainage density	11.3600 km/km ²
Length of overland flow	44.015 m

CATCHMENT CLIMATOLOGY

