

Managad Dam

Location	21.2414° N, 80.5119° E
State	Maharashtra
Nearest City	Gondia
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.7 m
Dam length	736.0 m
Reservoir Area	1104000.0 m ²
Gross storage capacity	7830000.0 m ³
Effective storage capacity	7050000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.8 km ²
Perimeter of catchment	16.1 km
Basin Length	4681.5 m
Form factor	0.53642
Circularity ratio	0.56675
Elongation ratio	0.82616
Highest Stream order	5
Max elevation	531.0 m
Min elevation	324.0 m
Mean bifurcation ratio	2.2532
Stream frequency	82.6790 per km ²
Relief	207.00 m
Drainage density	11.6920 km/km ²
Length of overland flow	42.765 m

CATCHMENT CLIMATOLOGY

