

Machindranath Chincholi Dam

Location	19.4836° N, 76.0150° E
State	Maharashtra
Nearest City	Ghatravargi
Year of Completion	1994
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	990.0 m
Reservoir Area	1227000.0 m ²
Gross storage capacity	3317000.0 m ³
Effective storage capacity	3140000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	34.0 km ²
Perimeter of catchment	27.5 km
Basin Length	10873.0 m
Form factor	0.28786
Circularity ratio	0.56512
Elongation ratio	0.60521
Highest Stream order	5
Max elevation	571.0 m
Min elevation	439.0 m
Mean bifurcation ratio	2.1402
Stream frequency	74.1070 per km ²
Relief	132.00 m
Drainage density	10.2110 km/km ²
Length of overland flow	48.966 m

CATCHMENT CLIMATOLOGY

