

Mondala Dam

Location	20.0639° N, 76.8619° E
State	Maharashtra
Nearest City	Bhusawal
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	12.3 m
Dam length	822.0 m
Reservoir Area	350000.0 m ²
Gross storage capacity	1085000.0 m ³
Effective storage capacity	1005000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2473.0 km ²
Perimeter of catchment	309.0 km
Basin Length	113300.0 m
Form factor	0.19265
Circularity ratio	0.32564
Elongation ratio	0.49509
Highest Stream order	8
Max elevation	739.0 m
Min elevation	486.0 m
Mean bifurcation ratio	2.1194
Stream frequency	77.1360 per km ²
Relief	253.00 m
Drainage density	10.8430 km/km ²
Length of overland flow	46.113 m

CATCHMENT CLIMATOLOGY

