

Musabhadrayani Dam

Location	19.8839° N, 75.5472° E
State	Maharashtra
Nearest City	Ghanshwangi
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Godavari
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.2 m
Dam length	2960.0 m
Reservoir Area	22921.0 m ²
Gross storage capacity	8861000.0 m ³
Effective storage capacity	7972000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km ²
Perimeter of catchment	6.7 km
Basin Length	1698.0 m
Form factor	0.75509
Circularity ratio	0.61235
Elongation ratio	0.98019
Highest Stream order	4
Max elevation	714.0 m
Min elevation	580.0 m
Mean bifurcation ratio	2.4763
Stream frequency	90.4850 per km ²
Relief	134.00 m
Drainage density	12.7350 km/km ²
Length of overland flow	39.262 m

CATCHMENT CLIMATOLOGY

