

Misalwadi Dam

Location	20.2139° N, 76.1819° E
State	Maharashtra
Nearest City	Deulgaon Raja
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.7 m
Dam length	581.0 m
Reservoir Area	544000.0 m ²
Gross storage capacity	2070000.0 m ³
Effective storage capacity	1880000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.3 km ²
Perimeter of catchment	22.5 km
Basin Length	8342.8 m
Form factor	0.29097
Circularity ratio	0.50144
Elongation ratio	0.60846
Highest Stream order	5
Max elevation	641.0 m
Min elevation	555.0 m
Mean bifurcation ratio	2.8595
Stream frequency	77.7700 per km ²
Relief	86.00 m
Drainage density	10.6140 km/km ²
Length of overland flow	47.106 m

CATCHMENT CLIMATOLOGY

