

Malkhed Dam

Location	20.8411° N, 77.9175° E
State	Maharashtra
Nearest City	Chandur Rly
Year of Completion	1972
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Kholad
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	1422.0 m
Reservoir Area	1920000.0 m ²
Gross storage capacity	10907000.0 m ³
Effective storage capacity	8962000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	89.2 km ²
Perimeter of catchment	44.1 km
Basin Length	14372.0 m
Form factor	0.43193
Circularity ratio	0.57623
Elongation ratio	0.74134
Highest Stream order	7
Max elevation	466.0 m
Min elevation	325.0 m
Mean bifurcation ratio	2.1579
Stream frequency	78.3720 per km ²
Relief	141.00 m
Drainage density	10.9250 km/km ²
Length of overland flow	45.766 m

CATCHMENT CLIMATOLOGY

