

Manyarkhada Dam

Location	20.9850° N, 75.6183° E
State	Maharashtra
Nearest City	Jalgaon
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	797.0 m
Reservoir Area	550000.0 m ²
Gross storage capacity	1767000.0 m ³
Effective storage capacity	1629000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.1 km ²
Perimeter of catchment	19.8 km
Basin Length	7862.0 m
Form factor	0.25996
Circularity ratio	0.51486
Elongation ratio	0.57512
Highest Stream order	5
Max elevation	317.0 m
Min elevation	229.0 m
Mean bifurcation ratio	2.4336
Stream frequency	79.9720 per km ²
Relief	88.00 m
Drainage density	11.0980 km/km ²
Length of overland flow	45.055 m

CATCHMENT CLIMATOLOGY

