

Ghatkhed Dam

Location	20.9351° N, 77.8509° E
State	Maharashtra
Nearest City	Amravati
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.7 m
Dam length	382.0 m
Reservoir Area	256000.0 m ²
Gross storage capacity	1689000.0 m ³
Effective storage capacity	1575000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.4 km ²
Perimeter of catchment	13.6 km
Basin Length	4087.0 m
Form factor	0.56381
Circularity ratio	0.64039
Elongation ratio	0.84699
Highest Stream order	5
Max elevation	466.0 m
Min elevation	378.0 m
Mean bifurcation ratio	2.6625
Stream frequency	78.2570 per km ²
Relief	88.00 m
Drainage density	10.7340 km/km ²
Length of overland flow	46.580 m

CATCHMENT CLIMATOLOGY

