

Tillari (Forebay) Dam

Location	15.8072° N, 74.1836° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Kharani Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.7 m
Dam length	350.0 m
Reservoir Area	299640.0 m ²
Gross storage capacity	106650000.0 m ³
Effective storage capacity	85410000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	6.4 km
Basin Length	1975.1 m
Form factor	0.54142
Circularity ratio	0.64496
Elongation ratio	0.83000
Highest Stream order	4
Max elevation	815.0 m
Min elevation	638.0 m
Mean bifurcation ratio	2.9242
Stream frequency	85.2250 per km ²
Relief	177.00 m
Drainage density	10.6080 km/km ²
Length of overland flow	47.136 m

CATCHMENT CLIMATOLOGY

