

Tarandale Dam

Location	16.3011° N, 73.6719° E
State	Maharashtra
Nearest City	Kankauli
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	48.0 m
Dam length	400.0 m
Reservoir Area	1200000.0 m ²
Gross storage capacity	100840000.0 m ³
Effective storage capacity	9810000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.6 km ²
Perimeter of catchment	10.0 km
Basin Length	3019.4 m
Form factor	0.50310
Circularity ratio	0.57870
Elongation ratio	0.80008
Highest Stream order	5
Max elevation	168.0 m
Min elevation	59.0 m
Mean bifurcation ratio	2.6302
Stream frequency	75.6570 per km ²
Relief	109.00 m
Drainage density	9.8780 km/km ²
Length of overland flow	50.620 m

CATCHMENT CLIMATOLOGY

