

Virdi Dam

Location	15.6489° N, 74.0706° E
State	Maharashtra
Nearest City	Dodamarg
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Tilari
Dam Type	Earthfill Embankment
Height above lowest foundation level	61.0 m
Dam length	810.0 m
Reservoir Area	995900.0 m ²
Gross storage capacity	22700000.0 m ³
Effective storage capacity	22018000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.7 km ²
Perimeter of catchment	11.7 km
Basin Length	3523.1 m
Form factor	0.62297
Circularity ratio	0.71177
Elongation ratio	0.89031
Highest Stream order	5
Max elevation	816.0 m
Min elevation	69.0 m
Mean bifurcation ratio	3.9331
Stream frequency	88.5900 per km ²
Relief	747.00 m
Drainage density	13.5950 km/km ²
Length of overland flow	36.778 m

CATCHMENT CLIMATOLOGY

