

Vhel Dam

Location	16.7906° N, 73.6389° E
State	Maharashtra
Nearest City	Lanja
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.4 m
Dam length	213.0 m
Reservoir Area	247000.0 m ²
Gross storage capacity	1544000.0 m ³
Effective storage capacity	1487000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km ²
Perimeter of catchment	6.6 km
Basin Length	2086.8 m
Form factor	0.63730
Circularity ratio	0.79063
Elongation ratio	0.90049
Highest Stream order	4
Max elevation	253.0 m
Min elevation	59.0 m
Mean bifurcation ratio	2.7311
Stream frequency	86.1190 per km ²
Relief	194.00 m
Drainage density	11.9750 km/km ²
Length of overland flow	41.753 m

CATCHMENT CLIMATOLOGY

