

Velhale Dam

Location	20.9956° N, 75.8700° E
State	Maharashtra
Nearest City	Bhusawal
Year of Completion	1955
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Datapadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	446.0 m
Reservoir Area	704400.0 m ²
Gross storage capacity	1990000.0 m ³
Effective storage capacity	1990000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.2 km ²
Perimeter of catchment	24.9 km
Basin Length	8441.8 m
Form factor	0.32522
Circularity ratio	0.47150
Elongation ratio	0.64328
Highest Stream order	5
Max elevation	316.0 m
Min elevation	223.0 m
Mean bifurcation ratio	2.2673
Stream frequency	73.1340 per km ²
Relief	93.00 m
Drainage density	9.5580 km/km ²
Length of overland flow	52.314 m

CATCHMENT CLIMATOLOGY

