

Vihirgaon Dam

Location	20.2347° N, 78.6342° E
State	Maharashtra
Nearest City	Ralegaon
Year of Completion	1992
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	930.0 m
Reservoir Area	989000.0 m ²
Gross storage capacity	3179000.0 m ³
Effective storage capacity	3040000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.5 km ²
Perimeter of catchment	14.1 km
Basin Length	4436.3 m
Form factor	0.58420
Circularity ratio	0.72972
Elongation ratio	0.86216
Highest Stream order	5
Max elevation	384.0 m
Min elevation	262.0 m
Mean bifurcation ratio	2.4014
Stream frequency	80.3650 per km ²
Relief	122.00 m
Drainage density	10.9930 km/km ²
Length of overland flow	45.485 m

CATCHMENT CLIMATOLOGY

