

Ghatshiras Dam

Location	19.1325° N, 75.0456° E
State	Maharashtra
Nearest City	Pathardi
Year of Completion	1977
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	780.0 m
Reservoir Area	310000.0 m ²
Gross storage capacity	828000.0 m ³
Effective storage capacity	728000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.8 km ²
Perimeter of catchment	17.9 km
Basin Length	5230.6 m
Form factor	0.43234
Circularity ratio	0.46339
Elongation ratio	0.74169
Highest Stream order	5
Max elevation	836.0 m
Min elevation	582.0 m
Mean bifurcation ratio	2.3001
Stream frequency	81.8360 per km ²
Relief	254.00 m
Drainage density	11.6590 km/km ²
Length of overland flow	42.887 m

CATCHMENT CLIMATOLOGY

