

Girzani Dam

Location	17.8581° N, 74.9753° E
State	Maharashtra
Nearest City	Malshiras
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	385.0 m
Reservoir Area	590000.0 m ²
Gross storage capacity	1550000.0 m ³
Effective storage capacity	1460000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	37.4 km ²
Perimeter of catchment	26.3 km
Basin Length	8806.9 m
Form factor	0.48192
Circularity ratio	0.68178
Elongation ratio	0.78306
Highest Stream order	6
Max elevation	577.0 m
Min elevation	496.0 m
Mean bifurcation ratio	5.7506
Stream frequency	72.6090 per km ²
Relief	81.00 m
Drainage density	9.9400 km/km ²
Length of overland flow	50.301 m

CATCHMENT CLIMATOLOGY

