

Persodi Dam

Location	21.2156° N, 78.4289° E
State	Maharashtra
Nearest City	Karanja
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	169.0 m
Reservoir Area	70000.0 m ²
Gross storage capacity	1110000.0 m ³
Effective storage capacity	1070000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.4 km ²
Perimeter of catchment	8.8 km
Basin Length	2403.9 m
Form factor	0.76288
Circularity ratio	0.71987
Elongation ratio	0.98523
Highest Stream order	5
Max elevation	472.0 m
Min elevation	418.0 m
Mean bifurcation ratio	2.9243
Stream frequency	76.2180 per km ²
Relief	54.00 m
Drainage density	9.9910 km/km ²
Length of overland flow	50.044 m

CATCHMENT CLIMATOLOGY

