

Chardari Dam

Location	18.8803° N, 76.0419° E
State	Maharashtra
Nearest City	Dharur
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.8 m
Dam length	366.0 m
Reservoir Area	232000.0 m ²
Gross storage capacity	1510000.0 m ³
Effective storage capacity	1240000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	22.8 km ²
Perimeter of catchment	22.8 km
Basin Length	8621.9 m
Form factor	0.30668
Circularity ratio	0.54991
Elongation ratio	0.62467
Highest Stream order	5
Max elevation	747.0 m
Min elevation	571.0 m
Mean bifurcation ratio	2.6146
Stream frequency	72.3760 per km ²
Relief	176.00 m
Drainage density	9.6570 km/km ²
Length of overland flow	51.775 m

CATCHMENT CLIMATOLOGY

