

Hirdav Dam

Location	20.0172° N, 76.6133° E
State	Maharashtra
Nearest City	Lonar
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	780.0 m
Reservoir Area	80930.0 m ²
Gross storage capacity	2610000.0 m ³
Effective storage capacity	2330000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.7 km ²
Perimeter of catchment	17.1 km
Basin Length	6536.9 m
Form factor	0.34361
Circularity ratio	0.63150
Elongation ratio	0.66121
Highest Stream order	5
Max elevation	586.0 m
Min elevation	536.0 m
Mean bifurcation ratio	2.1560
Stream frequency	73.1480 per km ²
Relief	50.00 m
Drainage density	9.7790 km/km ²
Length of overland flow	51.129 m

CATCHMENT CLIMATOLOGY

