

Hirdi Dam

Location	20.0342° N, 73.5658° E
State	Maharashtra
Nearest City	Hingoli
Year of Completion	1984
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	695.0 m
Reservoir Area	460000.0 m ²
Gross storage capacity	1434000.0 m ³
Effective storage capacity	1340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.7 km ²
Perimeter of catchment	25.2 km
Basin Length	8951.9 m
Form factor	0.37026
Circularity ratio	0.58946
Elongation ratio	0.68637
Highest Stream order	5
Max elevation	896.0 m
Min elevation	672.0 m
Mean bifurcation ratio	2.2435
Stream frequency	76.7750 per km ²
Relief	224.00 m
Drainage density	10.6330 km/km ²
Length of overland flow	47.022 m

CATCHMENT CLIMATOLOGY

