

Hivarshinga Dam

Location	18.9783° N, 75.5764° E
State	Maharashtra
Nearest City	Shirur
Year of Completion	1989
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.8 m
Dam length	1060.0 m
Reservoir Area	469000.0 m ²
Gross storage capacity	1426000.0 m ³
Effective storage capacity	1280000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.5 km ²
Perimeter of catchment	21.7 km
Basin Length	7908.5 m
Form factor	0.21618
Circularity ratio	0.36222
Elongation ratio	0.52447
Highest Stream order	4
Max elevation	773.0 m
Min elevation	564.0 m
Mean bifurcation ratio	2.5484
Stream frequency	76.0300 per km ²
Relief	209.00 m
Drainage density	10.4460 km/km ²
Length of overland flow	47.865 m

CATCHMENT CLIMATOLOGY

