

Halkarni Dam

Location	16.1729° N, 74.4779° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	504.0 m
Reservoir Area	226000.0 m ²
Gross storage capacity	1040000.0 m ³
Effective storage capacity	930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	61.4 km ²
Perimeter of catchment	33.7 km
Basin Length	12255.0 m
Form factor	0.40897
Circularity ratio	0.67994
Elongation ratio	0.72136
Highest Stream order	6
Max elevation	914.0 m
Min elevation	639.0 m
Mean bifurcation ratio	11.0720
Stream frequency	83.5840 per km ²
Relief	275.00 m
Drainage density	12.4110 km/km ²
Length of overland flow	40.288 m

CATCHMENT CLIMATOLOGY

