

Hotagi Dam

Location	17.6011° N, 75.9622° E
State	Maharashtra
Nearest City	S.Solapur
Year of Completion	1944
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	350.0 m
Reservoir Area	923000.0 m ²
Gross storage capacity	5280000.0 m ³
Effective storage capacity	5280000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	63.1 km ²
Perimeter of catchment	36.0 km
Basin Length	10762.0 m
Form factor	0.54458
Circularity ratio	0.61023
Elongation ratio	0.83241
Highest Stream order	7
Max elevation	508.0 m
Min elevation	438.0 m
Mean bifurcation ratio	4.1642
Stream frequency	67.7630 per km ²
Relief	70.00 m
Drainage density	8.9120 km/km ²
Length of overland flow	56.103 m

CATCHMENT CLIMATOLOGY

