

Rooty Dam

Location	18.7925° N, 75.1089° E
State	Maharashtra
Nearest City	Ashti
Year of Completion	1939
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	2091.0 m
Reservoir Area	2420000.0 m ²
Gross storage capacity	11930000.0 m ³
Effective storage capacity	10370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	106.0 km ²
Perimeter of catchment	63.0 km
Basin Length	23765.0 m
Form factor	0.18770
Circularity ratio	0.33605
Elongation ratio	0.48869
Highest Stream order	6
Max elevation	878.0 m
Min elevation	560.0 m
Mean bifurcation ratio	2.0823
Stream frequency	77.1200 per km ²
Relief	318.00 m
Drainage density	10.9480 km/km ²
Length of overland flow	45.670 m

CATCHMENT CLIMATOLOGY

