

Chavanwadi Dam

Location	17.4364° N, 73.9961° E
State	Maharashtra
Nearest City	Rajapur
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.7 m
Dam length	954.0 m
Reservoir Area	2330000.0 m ²
Gross storage capacity	10652000.0 m ³
Effective storage capacity	10418000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	0.6 km ²
Perimeter of catchment	3.1 km
Basin Length	1213.0 m
Form factor	0.40190
Circularity ratio	0.76148
Elongation ratio	0.71510
Highest Stream order	3
Max elevation	985.0 m
Min elevation	740.0 m
Mean bifurcation ratio	2.6000
Stream frequency	82.8680 per km ²
Relief	245.00 m
Drainage density	11.4530 km/km ²
Length of overland flow	43.658 m

CATCHMENT CLIMATOLOGY

