

Julugade-I Dam

Location	15.8533° N, 74.2269° E
State	Maharashtra
Nearest City	Chandgad
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	30.0 m
Dam length	198.0 m
Reservoir Area	687600.0 m ²
Gross storage capacity	4880000.0 m ³
Effective storage capacity	4716000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	9.8 km
Basin Length	2930.0 m
Form factor	0.68756
Circularity ratio	0.76792
Elongation ratio	0.93533
Highest Stream order	5
Max elevation	957.0 m
Min elevation	705.0 m
Mean bifurcation ratio	10.4130
Stream frequency	91.3170 per km ²
Relief	252.00 m
Drainage density	13.4970 km/km ²
Length of overland flow	37.046 m

CATCHMENT CLIMATOLOGY

