

Jalgaonsupe Dam

Location	18.2742° N, 74.4636° E
State	Maharashtra
Nearest City	Baramati
Year of Completion	2002
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.3 m
Dam length	527.3 m
Reservoir Area	324000.0 m ²
Gross storage capacity	492000.0 m ³
Effective storage capacity	452000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.1 km ²
Perimeter of catchment	15.0 km
Basin Length	5122.6 m
Form factor	0.50083
Circularity ratio	0.73267
Elongation ratio	0.79828
Highest Stream order	5
Max elevation	658.0 m
Min elevation	591.0 m
Mean bifurcation ratio	2.3399
Stream frequency	80.1210 per km ²
Relief	67.00 m
Drainage density	11.0910 km/km ²
Length of overland flow	45.082 m

CATCHMENT CLIMATOLOGY

