

Juwathi Dam

Location	16.5808° N, 73.5386° E
State	Maharashtra
Nearest City	Rajapur
Year of Completion	2004
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	27.6 m
Dam length	416.0 m
Reservoir Area	234050.0 m ²
Gross storage capacity	2234000.0 m ³
Effective storage capacity	2206000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.7 km ²
Perimeter of catchment	6.9 km
Basin Length	1506.5 m
Form factor	1.20440
Circularity ratio	0.71901
Elongation ratio	1.23790
Highest Stream order	4
Max elevation	228.0 m
Min elevation	138.0 m
Mean bifurcation ratio	6.1055
Stream frequency	84.8680 per km ²
Relief	90.00 m
Drainage density	12.0190 km/km ²
Length of overland flow	41.601 m

CATCHMENT CLIMATOLOGY

