

Lawada Dam

Location	21.3956° N, 77.3306° E
State	Maharashtra
Nearest City	Dhami
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.2 m
Dam length	280.0 m
Reservoir Area	210000.0 m ²
Gross storage capacity	900000.0 m ³
Effective storage capacity	871000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.4 km ²
Perimeter of catchment	5.1 km
Basin Length	1258.8 m
Form factor	0.89494
Circularity ratio	0.68763
Elongation ratio	1.06710
Highest Stream order	4
Max elevation	1090.0 m
Min elevation	708.0 m
Mean bifurcation ratio	3.1655
Stream frequency	83.9170 per km ²
Relief	382.00 m
Drainage density	11.0710 km/km ²
Length of overland flow	45.164 m

CATCHMENT CLIMATOLOGY

