

Lahadevi Dam

Location	21.0169° N, 78.2547° E
State	Maharashtra
Nearest City	Arvi
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.8 m
Dam length	237.0 m
Reservoir Area	171000.0 m ²
Gross storage capacity	820000.0 m ³
Effective storage capacity	790000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km ²
Perimeter of catchment	15.3 km
Basin Length	4911.8 m
Form factor	0.45320
Circularity ratio	0.58476
Elongation ratio	0.75937
Highest Stream order	5
Max elevation	417.0 m
Min elevation	314.0 m
Mean bifurcation ratio	2.2320
Stream frequency	71.7040 per km ²
Relief	103.00 m
Drainage density	9.5270 km/km ²
Length of overland flow	52.480 m

CATCHMENT CLIMATOLOGY

