

Alyani Dam

Location	19.2586° N, 73.5667° E
State	Maharashtra
Nearest City	Murbad
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.4 m
Dam length	516.0 m
Reservoir Area	429000.0 m ²
Gross storage capacity	2666720.0 m ³
Effective storage capacity	2323850.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	6.0 km
Basin Length	1351.7 m
Form factor	1.14120
Circularity ratio	0.73004
Elongation ratio	1.20500
Highest Stream order	4
Max elevation	144.0 m
Min elevation	102.0 m
Mean bifurcation ratio	2.6088
Stream frequency	86.8010 per km ²
Relief	42.00 m
Drainage density	11.8520 km/km ²
Length of overland flow	42.186 m

CATCHMENT CLIMATOLOGY

