

Shiposhi Dam

Location	16.9392° N, 73.6475° E
State	Maharashtra
Nearest City	Lanja
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.1 m
Dam length	432.0 m
Reservoir Area	318000.0 m ²
Gross storage capacity	2605000.0 m ³
Effective storage capacity	2543000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.0 km ²
Perimeter of catchment	6.7 km
Basin Length	2118.9 m
Form factor	0.65709
Circularity ratio	0.83647
Elongation ratio	0.91437
Highest Stream order	4
Max elevation	282.0 m
Min elevation	64.0 m
Mean bifurcation ratio	4.8114
Stream frequency	92.1960 per km ²
Relief	218.00 m
Drainage density	13.9910 km/km ²
Length of overland flow	35.737 m

CATCHMENT CLIMATOLOGY

