

Srigaon Dam

Location	18.6536° N, 73.0039° E
State	Maharashtra
Nearest City	Alibag
Year of Completion	1987
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.4 m
Dam length	831.0 m
Reservoir Area	386000.0 m ²
Gross storage capacity	3003000.0 m ³
Effective storage capacity	2953000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km ²
Perimeter of catchment	6.4 km
Basin Length	2047.5 m
Form factor	0.48068
Circularity ratio	0.61226
Elongation ratio	0.78205
Highest Stream order	4
Max elevation	147.0 m
Min elevation	9.0 m
Mean bifurcation ratio	3.1732
Stream frequency	92.2980 per km ²
Relief	138.00 m
Drainage density	12.8930 km/km ²
Length of overland flow	38.781 m

CATCHMENT CLIMATOLOGY

