

Sai Dam

Location	18.1869° N, 73.1917° E
State	Maharashtra
Nearest City	Panvel
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Other
Height above lowest foundation level	26.4 m
Dam length	307.0 m
Reservoir Area	124380.0 m ²
Gross storage capacity	3470000.0 m ³
Effective storage capacity	3470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.0 km ²
Perimeter of catchment	13.1 km
Basin Length	3568.8 m
Form factor	0.62723
Circularity ratio	0.58469
Elongation ratio	0.89335
Highest Stream order	4
Max elevation	407.0 m
Min elevation	133.0 m
Mean bifurcation ratio	2.5883
Stream frequency	78.1130 per km ²
Relief	274.00 m
Drainage density	10.6200 km/km ²
Length of overland flow	47.083 m

CATCHMENT CLIMATOLOGY

Data not available.