

Sonurle Dam

Location	16.8097° N, 73.9342° E
State	Maharashtra
Nearest City	Shahuwadi
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.3 m
Dam length	357.0 m
Reservoir Area	34046.0 m ²
Gross storage capacity	3830000.0 m ³
Effective storage capacity	3706000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.7 km ²
Perimeter of catchment	14.3 km
Basin Length	4577.9 m
Form factor	0.51263
Circularity ratio	0.65856
Elongation ratio	0.80763
Highest Stream order	5
Max elevation	1002.0 m
Min elevation	602.0 m
Mean bifurcation ratio	3.3916
Stream frequency	88.6120 per km ²
Relief	400.00 m
Drainage density	13.3050 km/km ²
Length of overland flow	37.579 m

CATCHMENT CLIMATOLOGY

