

Songaon (Shivani) Dam

Location	20.7711° N, 77.9647° E
State	Maharashtra
Nearest City	Chandur Rly
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Savitri
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	3230.0 m
Reservoir Area	2400000.0 m ²
Gross storage capacity	8516000.0 m ³
Effective storage capacity	8500000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	52.1 km ²
Perimeter of catchment	46.8 km
Basin Length	17824.0 m
Form factor	0.16393
Circularity ratio	0.29836
Elongation ratio	0.45670
Highest Stream order	5
Max elevation	464.0 m
Min elevation	298.0 m
Mean bifurcation ratio	2.4132
Stream frequency	73.1800 per km ²
Relief	166.00 m
Drainage density	9.8000 km/km ²
Length of overland flow	51.018 m

CATCHMENT CLIMATOLOGY

