

## Saraswati Dam

Location	18.9178° N, 76.2522° E
State	Maharashtra
Nearest City	Dharur
Year of Completion	1981
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Saraswati
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.2 m
Dam length	1411.0 m
Reservoir Area	1470000.0 m <sup>2</sup>
Gross storage capacity	7230000.0 m <sup>3</sup>
Effective storage capacity	6207000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	54.1 km <sup>2</sup>
Perimeter of catchment	33.1 km
Basin Length	11622.0 m
Form factor	0.40047
Circularity ratio	0.62149
Elongation ratio	0.71383
Highest Stream order	6
Max elevation	725.0 m
Min elevation	496.0 m
Mean bifurcation ratio	3.1624
Stream frequency	71.0800 per km <sup>2</sup>
Relief	229.00 m
Drainage density	9.6100 km/km <sup>2</sup>
Length of overland flow	52.031 m

## CATCHMENT CLIMATOLOGY

