

## Sarfrajpur Dam

Location	18.2636° N, 76.2492° E
State	Maharashtra
Nearest City	Parali
Year of Completion	2011
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.4 m
Dam length	223.0 m
Reservoir Area	101440.0 m <sup>2</sup>
Gross storage capacity	1292000.0 m <sup>3</sup>
Effective storage capacity	1120000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km <sup>2</sup>
Perimeter of catchment	6.7 km
Basin Length	2221.9 m
Form factor	0.45266
Circularity ratio	0.63356
Elongation ratio	0.75892
Highest Stream order	4
Max elevation	680.0 m
Min elevation	644.0 m
Mean bifurcation ratio	2.6199
Stream frequency	86.8100 per km <sup>2</sup>
Relief	36.00 m
Drainage density	11.8970 km/km <sup>2</sup>
Length of overland flow	42.026 m

## CATCHMENT CLIMATOLOGY

