

## Sirasgaon Dam

Location	20.5106° N, 77.7194° E
State	Maharashtra
Nearest City	Gadchiroli
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.1 m
Dam length	600.0 m
Reservoir Area	1707000.0 m <sup>2</sup>
Gross storage capacity	9130000.0 m <sup>3</sup>
Effective storage capacity	8340000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.3 km <sup>2</sup>
Perimeter of catchment	34.1 km
Basin Length	9492.9 m
Form factor	0.61375
Circularity ratio	0.59697
Elongation ratio	0.88370
Highest Stream order	6
Max elevation	407.0 m
Min elevation	331.0 m
Mean bifurcation ratio	2.6287
Stream frequency	74.7450 per km <sup>2</sup>
Relief	76.00 m
Drainage density	10.2290 km/km <sup>2</sup>
Length of overland flow	48.880 m

## CATCHMENT CLIMATOLOGY

