

## Sadasivakona Dam

Location	13.5931° N, 79.6175° E
State	Andhra Pradesh
Nearest City	Srikalahasti
Year of Completion	1979
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Sadasivakona
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	619.0 m
Reservoir Area	865731.0 m <sup>2</sup>
Gross storage capacity	4247500.0 m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	43.3 km <sup>2</sup>
Perimeter of catchment	31.3 km
Basin Length	8807.1 m
Form factor	0.55781
Circularity ratio	0.55576
Elongation ratio	0.84246
Highest Stream order	6
Max elevation	994.0 m
Min elevation	120.0 m
Mean bifurcation ratio	2.4422
Stream frequency	84.7770 per km <sup>2</sup>
Relief	874.00 m
Drainage density	12.7330 km/km <sup>2</sup>
Length of overland flow	39.267 m

## CATCHMENT CLIMATOLOGY

