

## Kesavari Samudram Dam

Location	16.4953° N, 78.3219° E
State	Telangana
Nearest City	Nagarkurnool
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1389.0 m
Reservoir Area	5042000.0 m <sup>2</sup>
Gross storage capacity	8150000.0 m <sup>3</sup>
Effective storage capacity	7330000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	269.5 km <sup>2</sup>
Perimeter of catchment	76.0 km
Basin Length	22125.0 m
Form factor	0.55044
Circularity ratio	0.58707
Elongation ratio	0.83688
Highest Stream order	7
Max elevation	595.0 m
Min elevation	442.0 m
Mean bifurcation ratio	2.3677
Stream frequency	70.0820 per km <sup>2</sup>
Relief	153.00 m
Drainage density	9.5460 km/km <sup>2</sup>
Length of overland flow	52.379 m

## CATCHMENT CLIMATOLOGY

