

## Suryanarayanacheru Dam

Location	17.4822° N, 78.6353° E
State	Telangana
Nearest City	Medchal
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Musi
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.4 m
Dam length	1142.0 m
Reservoir Area	415654.0 m <sup>2</sup>
Gross storage capacity	1210000.0 m <sup>3</sup>
Effective storage capacity	755000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	71.9 km <sup>2</sup>
Perimeter of catchment	41.5 km
Basin Length	11087.0 m
Form factor	0.58477
Circularity ratio	0.52454
Elongation ratio	0.86259
Highest Stream order	6
Max elevation	625.0 m
Min elevation	495.0 m
Mean bifurcation ratio	2.3424
Stream frequency	73.6190 per km <sup>2</sup>
Relief	130.00 m
Drainage density	10.0830 km/km <sup>2</sup>
Length of overland flow	49.590 m

## CATCHMENT CLIMATOLOGY

