

## Varadharajuswami Gudi Dam

Location	15.9671° N, 78.6467° E
State	Andhra Pradesh
Nearest City	Kurnool
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Krishna
River	Munimadugulavagu
Dam Type	Other
Height above lowest foundation level	22.0 m
Dam length	588.0 m
Reservoir Area	1324000.0 m <sup>2</sup>
Gross storage capacity	11020000.0 m <sup>3</sup>
Effective storage capacity	10210000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	181.7 km <sup>2</sup>
Perimeter of catchment	84.0 km
Basin Length	30267.0 m
Form factor	0.19833
Circularity ratio	0.32405
Elongation ratio	0.50235
Highest Stream order	6
Max elevation	848.0 m
Min elevation	345.0 m
Mean bifurcation ratio	2.2992
Stream frequency	81.4000 per km <sup>2</sup>
Relief	503.00 m
Drainage density	11.9620 km/km <sup>2</sup>
Length of overland flow	41.798 m

## CATCHMENT CLIMATOLOGY

