

## Buggavagu Dam

Location	16.4800° N, 79.5281° E
State	Andhra Pradesh
Nearest City	Guruzala
Year of Completion	1961
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Krishna
River	Buggavagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.0 m
Dam length	2576.0 m
Reservoir Area	12427000.0 m <sup>2</sup>
Gross storage capacity	98060000.0 m <sup>3</sup>
Effective storage capacity	49980000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.3 km <sup>2</sup>
Perimeter of catchment	17.4 km
Basin Length	5929.7 m
Form factor	0.46400
Circularity ratio	0.67468
Elongation ratio	0.76837
Highest Stream order	5
Max elevation	172.0 m
Min elevation	122.0 m
Mean bifurcation ratio	2.5319
Stream frequency	78.7630 per km <sup>2</sup>
Relief	50.00 m
Drainage density	11.4130 km/km <sup>2</sup>
Length of overland flow	43.810 m

## CATCHMENT CLIMATOLOGY

