

## Rao Cheruvu, Rajupalem Dam

Location	15.1597° N, 78.9419° E
State	Andhra Pradesh
Nearest City	Badvel
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Sagileru
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	460.0 m
Reservoir Area	1820000.0 m <sup>2</sup>
Gross storage capacity	5650000.0 m <sup>3</sup>
Effective storage capacity	5650000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	245.5 km <sup>2</sup>
Perimeter of catchment	86.9 km
Basin Length	25195.0 m
Form factor	0.38673
Circularity ratio	0.40905
Elongation ratio	0.70147
Highest Stream order	7
Max elevation	697.0 m
Min elevation	203.0 m
Mean bifurcation ratio	2.1767
Stream frequency	78.2120 per km <sup>2</sup>
Relief	494.00 m
Drainage density	11.3670 km/km <sup>2</sup>
Length of overland flow	43.986 m

## CATCHMENT CLIMATOLOGY

