

Sreerangarayani Cheruvu Dam

Location	14.7858° N, 77.7081° E
State	Andhra Pradesh
Nearest City	Anantpur
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Ghatprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	2378.8 m
Reservoir Area	10712300.0 m ²
Gross storage capacity	39240490.0 m ³
Effective storage capacity	30185000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km ²
Perimeter of catchment	12.7 km
Basin Length	5343.7 m
Form factor	0.11685
Circularity ratio	0.26031
Elongation ratio	0.38558
Highest Stream order	4
Max elevation	320.0 m
Min elevation	294.0 m
Mean bifurcation ratio	1.9013
Stream frequency	70.7310 per km ²
Relief	26.00 m
Drainage density	8.4000 km/km ²
Length of overland flow	59.528 m

CATCHMENT CLIMATOLOGY

