

Y.T.Chervuvu Dam

Location	15.1489° N, 77.5483° E
State	Andhra Pradesh
Nearest City	Gooty
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	10.0 m
Dam length	2078.0 m
Reservoir Area	5434650.0 m ²
Gross storage capacity	12195880.0 m ³
Effective storage capacity	9381000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	547.7 km ²
Perimeter of catchment	130.6 km
Basin Length	27057.0 m
Form factor	0.74814
Circularity ratio	0.40371
Elongation ratio	0.97566
Highest Stream order	8
Max elevation	633.0 m
Min elevation	354.0 m
Mean bifurcation ratio	2.4164
Stream frequency	70.9270 per km ²
Relief	279.00 m
Drainage density	9.7570 km/km ²
Length of overland flow	51.246 m

CATCHMENT CLIMATOLOGY

