

Chennapatnam Cheruvu Dam

Location	13.4517° N, 78.8217° E
State	Andhra Pradesh
Nearest City	Somala
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
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Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	950.0 m
Reservoir Area	1156900.0 m ²
Gross storage capacity	1676340.0 m ³
Effective storage capacity	1676000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.1 km ²
Perimeter of catchment	17.2 km
Basin Length	5501.5 m
Form factor	0.26748
Circularity ratio	0.34412
Elongation ratio	0.58339
Highest Stream order	4
Max elevation	1114.0 m
Min elevation	601.0 m
Mean bifurcation ratio	2.4603
Stream frequency	85.4750 per km ²
Relief	513.00 m
Drainage density	12.4890 km/km ²
Length of overland flow	40.034 m

CATCHMENT CLIMATOLOGY

