

Panthulu Cheruvu Dam

Location	14.0397° N, 78.1461° E
State	Andhra Pradesh
Nearest City	Kadiri
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Madduleru
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	923.0 m
Reservoir Area	2300000.0 m ²
Gross storage capacity	6790000.0 m ³
Effective storage capacity	5230000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	187.2 km ²
Perimeter of catchment	71.3 km
Basin Length	19018.0 m
Form factor	0.51747
Circularity ratio	0.46247
Elongation ratio	0.81143
Highest Stream order	6
Max elevation	950.0 m
Min elevation	541.0 m
Mean bifurcation ratio	2.4023
Stream frequency	73.1800 per km ²
Relief	409.00 m
Drainage density	10.2940 km/km ²
Length of overland flow	48.571 m

CATCHMENT CLIMATOLOGY

