

Pedda Rayala Cheruvu Dam

Location	13.3367° N, 78.7242° E
State	Andhra Pradesh
Nearest City	Punganuru
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Cheruvu
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	800.0 m
Reservoir Area	621500.0 m ²
Gross storage capacity	1136910.0 m ³
Effective storage capacity	1136900.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.4 km ²
Perimeter of catchment	16.0 km
Basin Length	4333.2 m
Form factor	0.65890
Circularity ratio	0.60796
Elongation ratio	0.91563
Highest Stream order	5
Max elevation	1069.0 m
Min elevation	714.0 m
Mean bifurcation ratio	3.1320
Stream frequency	79.2110 per km ²
Relief	355.00 m
Drainage density	11.2520 km/km ²
Length of overland flow	44.437 m

CATCHMENT CLIMATOLOGY

