

N.T.R. T.G.P-Subsidiary Reservoir No 1 Dam

Location	14.8250° N, 78.7500° E
State	Andhra Pradesh
Nearest City	Cuddapah
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Kunderu
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	1820.0 m
Reservoir Area	5180000.0 m ²
Gross storage capacity	60416000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	98.2 km ²
Perimeter of catchment	63.4 km
Basin Length	25545.0 m
Form factor	0.15045
Circularity ratio	0.30660
Elongation ratio	0.43753
Highest Stream order	6
Max elevation	748.0 m
Min elevation	191.0 m
Mean bifurcation ratio	2.6253
Stream frequency	82.3180 per km ²
Relief	557.00 m
Drainage density	12.2410 km/km ²
Length of overland flow	40.845 m

CATCHMENT CLIMATOLOGY

