

Rallapadu Project Dam

Location	15.0539° N, 79.7183° E
State	Andhra Pradesh
Nearest City	Rallapadu
Year of Completion	1958
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Manneru
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.9 m
Dam length	2951.0 m
Reservoir Area	7067000.0 m ²
Gross storage capacity	31318000.0 m ³
Effective storage capacity	30830000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km ²
Perimeter of catchment	12.9 km
Basin Length	5313.7 m
Form factor	0.09978
Circularity ratio	0.21423
Elongation ratio	0.35631
Highest Stream order	4
Max elevation	114.0 m
Min elevation	31.0 m
Mean bifurcation ratio	1.9843
Stream frequency	75.9580 per km ²
Relief	83.00 m
Drainage density	9.8920 km/km ²
Length of overland flow	50.545 m

CATCHMENT CLIMATOLOGY

