

Rayalacheruvu Dam

Location	13.5092° N, 79.3769° E
State	Andhra Pradesh
Nearest City	Tadpatra
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Pennar
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	920.0 m
Reservoir Area	2323000.0 m ²
Gross storage capacity	2391350.0 m ³
Effective storage capacity	1840000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	94.9 km ²
Perimeter of catchment	59.5 km
Basin Length	17575.0 m
Form factor	0.30723
Circularity ratio	0.33742
Elongation ratio	0.62523
Highest Stream order	6
Max elevation	656.0 m
Min elevation	195.0 m
Mean bifurcation ratio	2.5046
Stream frequency	81.4250 per km ²
Relief	461.00 m
Drainage density	12.0390 km/km ²
Length of overland flow	41.532 m

CATCHMENT CLIMATOLOGY

