

Yeleru Reservoir Dam

Location	17.3000° N, 82.0917° E
State	Andhra Pradesh
Nearest City	Kakinada
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Godavari
River	Yeleru
Dam Type	Other
Height above lowest foundation level	43.0 m
Dam length	2544.0 m
Reservoir Area	59360000.0 m ²
Gross storage capacity	682700000.0 m ³
Effective storage capacity	508300000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2257.9 km ²
Perimeter of catchment	269.8 km
Basin Length	69240.0 m
Form factor	0.47097
Circularity ratio	0.38987
Elongation ratio	0.77411
Highest Stream order	8
Max elevation	1471.0 m
Min elevation	50.0 m
Mean bifurcation ratio	2.2512
Stream frequency	85.0740 per km ²
Relief	1421.00 m
Drainage density	12.8090 km/km ²
Length of overland flow	39.036 m

CATCHMENT CLIMATOLOGY

