

Vadiyalacheru Dam

Location	13.3155° N, 78.9081° E
State	Andhra Pradesh
Nearest City	Chittoor
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	East Coast
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	1450.0 m
Reservoir Area	346000.0 m ²
Gross storage capacity	992000.0 m ³
Effective storage capacity	889000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	99.9 km ²
Perimeter of catchment	62.4 km
Basin Length	21322.0 m
Form factor	0.21978
Circularity ratio	0.32213
Elongation ratio	0.52881
Highest Stream order	6
Max elevation	998.0 m
Min elevation	415.0 m
Mean bifurcation ratio	2.3618
Stream frequency	81.5490 per km ²
Relief	583.00 m
Drainage density	12.0950 km/km ²
Length of overland flow	41.339 m

CATCHMENT CLIMATOLOGY

