

Tenneti Viswanadham Pedderu Reservoir Dam

Location	17.8960° N, 82.6936° E
State	Andhra Pradesh
Nearest City	Visakhapatnam
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Ghataprabha
Dam Type	Other
Height above lowest foundation level	36.0 m
Dam length	900.0 m
Reservoir Area	1065865.0 m ²
Gross storage capacity	13400000.0 m ³
Effective storage capacity	10140000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	161.3 km ²
Perimeter of catchment	60.8 km
Basin Length	18424.0 m
Form factor	0.47508
Circularity ratio	0.54806
Elongation ratio	0.77748
Highest Stream order	6
Max elevation	1536.0 m
Min elevation	111.0 m
Mean bifurcation ratio	2.6563
Stream frequency	88.1780 per km ²
Relief	1425.00 m
Drainage density	13.4240 km/km ²
Length of overland flow	37.246 m

CATCHMENT CLIMATOLOGY

