

Pendekallu Reservoir Dam

Location	14.9730° N, 77.8683° E
State	Andhra Pradesh
Nearest City	Anantapur
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Local Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	4774.3 m
Reservoir Area	6010000000.0 m ²
Gross storage capacity	18406.0 m ³
Effective storage capacity	18406.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	482.0 km ²
Perimeter of catchment	121.2 km
Basin Length	34421.0 m
Form factor	0.40679
Circularity ratio	0.41249
Elongation ratio	0.71944
Highest Stream order	7
Max elevation	626.0 m
Min elevation	243.0 m
Mean bifurcation ratio	2.2199
Stream frequency	74.8790 per km ²
Relief	383.00 m
Drainage density	10.5840 km/km ²
Length of overland flow	47.243 m

CATCHMENT CLIMATOLOGY

