

Pittakayagulla Dam

Location	15.4781° N, 79.1242° E
State	Andhra Pradesh
Nearest City	Giddalur
Year of Completion	1978
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Vemuluri Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	m
Reservoir Area	921522.0 m ²
Gross storage capacity	3306000.0 m ³
Effective storage capacity	3003000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	218.8 km ²
Perimeter of catchment	77.0 km
Basin Length	29415.0 m
Form factor	0.25293
Circularity ratio	0.46355
Elongation ratio	0.56729
Highest Stream order	7
Max elevation	817.0 m
Min elevation	202.0 m
Mean bifurcation ratio	3.1356
Stream frequency	80.8840 per km ²
Relief	615.00 m
Drainage density	11.8520 km/km ²
Length of overland flow	42.187 m

CATCHMENT CLIMATOLOGY

