

Chagallu Barrage Dam

Location	14.9194° N, 77.8292° E
State	Andhra Pradesh
Nearest City	Tadpatra
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Pennar
Dam Type	Other
Height above lowest foundation level	21.4 m
Dam length	291.5 m
Reservoir Area	9777361.0 m ²
Gross storage capacity	50940000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11434.0 km ²
Perimeter of catchment	805.6 km
Basin Length	197740.0 m
Form factor	0.29241
Circularity ratio	0.22143
Elongation ratio	0.60996
Highest Stream order	10
Max elevation	1409.0 m
Min elevation	248.0 m
Mean bifurcation ratio	5.3042
Stream frequency	71.8320 per km ²
Relief	1161.00 m
Drainage density	10.0170 km/km ²
Length of overland flow	49.915 m

CATCHMENT CLIMATOLOGY

