

Cumbhum Dam

Location	15.5772° N, 79.0808° E
State	Andhra Pradesh
Nearest City	Giddalur
Year of Completion	1500
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Gundlakama
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	295.7 m
Reservoir Area	23950000.0 m ²
Gross storage capacity	105350000.0 m ³
Effective storage capacity	14241000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	510.0 km ²
Perimeter of catchment	156.2 km
Basin Length	40531.0 m
Form factor	0.31045
Circularity ratio	0.26292
Elongation ratio	0.62850
Highest Stream order	8
Max elevation	961.0 m
Min elevation	183.0 m
Mean bifurcation ratio	2.1758
Stream frequency	81.7740 per km ²
Relief	778.00 m
Drainage density	12.1660 km/km ²
Length of overland flow	41.097 m

CATCHMENT CLIMATOLOGY

