

Gundlamotu Reservoir Dam

Location	15.3553° N, 79.8186° E
State	Andhra Pradesh
Nearest City	Giddalur
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	605.0 m
Reservoir Area	0.0 m ²
Gross storage capacity	9040000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.0 km ²
Perimeter of catchment	8.9 km
Basin Length	3125.6 m
Form factor	0.31096
Circularity ratio	0.48464
Elongation ratio	0.62902
Highest Stream order	4
Max elevation	56.0 m
Min elevation	30.0 m
Mean bifurcation ratio	2.5764
Stream frequency	64.8480 per km ²
Relief	26.00 m
Drainage density	7.6780 km/km ²
Length of overland flow	65.125 m

CATCHMENT CLIMATOLOGY

