

Peddacheru, Ragaboinagudem Dam

Location	17.5189° N, 80.3686° E
State	Telangana
Nearest City	Yellandu
Year of Completion	1942
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Ragaboinagudem Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.3 m
Dam length	1200.0 m
Reservoir Area	3922500.0 m ²
Gross storage capacity	6240000.0 m ³
Effective storage capacity	4437000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.2 km ²
Perimeter of catchment	18.1 km
Basin Length	6071.6 m
Form factor	0.46660
Circularity ratio	0.65975
Elongation ratio	0.77052
Highest Stream order	5
Max elevation	312.0 m
Min elevation	177.0 m
Mean bifurcation ratio	2.2796
Stream frequency	73.9480 per km ²
Relief	135.00 m
Drainage density	10.1050 km/km ²
Length of overland flow	49.480 m

CATCHMENT CLIMATOLOGY

