

Palemvagu Dam

Location	18.3408° N, 80.5881° E
State	Telangana
Nearest City	Nugur
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Palemvagu
Dam Type	Other
Height above lowest foundation level	13.0 m
Dam length	230.0 m
Reservoir Area	2430000.0 m ²
Gross storage capacity	35600000.0 m ³
Effective storage capacity	33290000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	146.8 km ²
Perimeter of catchment	56.7 km
Basin Length	18403.0 m
Form factor	0.43354
Circularity ratio	0.57392
Elongation ratio	0.74272
Highest Stream order	7
Max elevation	925.0 m
Min elevation	93.0 m
Mean bifurcation ratio	3.5984
Stream frequency	88.1620 per km ²
Relief	832.00 m
Drainage density	13.3150 km/km ²
Length of overland flow	37.552 m

CATCHMENT CLIMATOLOGY

