

Peddarayanicheru, Lingal Dam

Location	16.2758° N, 78.5389° E
State	Telangana
Nearest City	Achampet
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Ghataprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	326.0 m
Reservoir Area	208367.0 m ²
Gross storage capacity	1350000.0 m ³
Effective storage capacity	945000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.1 km ²
Perimeter of catchment	29.6 km
Basin Length	9991.5 m
Form factor	0.30169
Circularity ratio	0.43159
Elongation ratio	0.61957
Highest Stream order	6
Max elevation	608.0 m
Min elevation	425.0 m
Mean bifurcation ratio	2.2548
Stream frequency	77.0650 per km ²
Relief	183.00 m
Drainage density	10.8910 km/km ²
Length of overland flow	45.911 m

CATCHMENT CLIMATOLOGY

