

Pedda Cheru, Challasamudram Dam

Location	17.5772° N, 80.2558° E
State	Telangana
Nearest City	Yellandu
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	12.2 m
Dam length	700.0 m
Reservoir Area	960788.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.1 km ²
Perimeter of catchment	21.9 km
Basin Length	7313.1 m
Form factor	0.46984
Circularity ratio	0.65961
Elongation ratio	0.77319
Highest Stream order	6
Max elevation	322.0 m
Min elevation	184.0 m
Mean bifurcation ratio	2.5596
Stream frequency	73.6630 per km ²
Relief	138.00 m
Drainage density	10.0560 km/km ²
Length of overland flow	49.720 m

CATCHMENT CLIMATOLOGY

