

Pedda Cheru, Cherkonda Dam

Location	16.6794° N, 78.6644° E
State	Telangana
Nearest City	Hyderabad
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	13.0 m
Dam length	602.0 m
Reservoir Area	864000.0 m ²
Gross storage capacity	1753000.0 m ³
Effective storage capacity	1227100.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	82.1 km ²
Perimeter of catchment	49.9 km
Basin Length	17336.0 m
Form factor	0.27303
Circularity ratio	0.41347
Elongation ratio	0.58941
Highest Stream order	6
Max elevation	552.0 m
Min elevation	380.0 m
Mean bifurcation ratio	3.0314
Stream frequency	73.1370 per km ²
Relief	172.00 m
Drainage density	10.0560 km/km ²
Length of overland flow	49.721 m

CATCHMENT CLIMATOLOGY

