

## Pedda Cheru,Lokaram(V), Dam

Location	17.2403° N, 80.5222° E
State	Telangana
Nearest City	Madhira
Year of Completion	1968
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Lokavaram Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1600.0 m
Reservoir Area	1400000.0 m <sup>2</sup>
Gross storage capacity	1790000.0 m <sup>3</sup>
Effective storage capacity	1670000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.0 km <sup>2</sup>
Perimeter of catchment	9.9 km
Basin Length	3418.6 m
Form factor	0.51083
Circularity ratio	0.77239
Elongation ratio	0.80621
Highest Stream order	5
Max elevation	599.0 m
Min elevation	108.0 m
Mean bifurcation ratio	3.3562
Stream frequency	86.2650 per km <sup>2</sup>
Relief	491.00 m
Drainage density	12.3700 km/km <sup>2</sup>
Length of overland flow	40.421 m

## CATCHMENT CLIMATOLOGY

