

## Nallacheru, Irvin Dam

Location	16.7842° N, 78.6936° E
State	Telangana
Nearest City	Kalwakurti
Year of Completion	1990
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1480.0 m
Reservoir Area	264500.0 m <sup>2</sup>
Gross storage capacity	392610.0 m <sup>3</sup>
Effective storage capacity	343750.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	55.4 km <sup>2</sup>
Perimeter of catchment	40.1 km
Basin Length	14433.0 m
Form factor	0.26587
Circularity ratio	0.43368
Elongation ratio	0.58162
Highest Stream order	6
Max elevation	575.0 m
Min elevation	385.0 m
Mean bifurcation ratio	2.1204
Stream frequency	71.6450 per km <sup>2</sup>
Relief	190.00 m
Drainage density	9.7680 km/km <sup>2</sup>
Length of overland flow	51.185 m

## CATCHMENT CLIMATOLOGY

