

## Kuppakanti Project, Kuppakal(V) Dam

Location	18.7428° N, 78.4795° E
State	Telangana
Nearest City	Armoor.
Year of Completion	1999
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
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Dam Type	Earthfill Embankment
Height above lowest foundation level	11.1 m
Dam length	1040.0 m
Reservoir Area	40892.0 m <sup>2</sup>
Gross storage capacity	1953000.0 m <sup>3</sup>
Effective storage capacity	1700000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	37.1 km <sup>2</sup>
Perimeter of catchment	27.1 km
Basin Length	9274.3 m
Form factor	0.43177
Circularity ratio	0.63628
Elongation ratio	0.74120
Highest Stream order	6
Max elevation	512.0 m
Min elevation	346.0 m
Mean bifurcation ratio	2.6164
Stream frequency	75.0720 per km <sup>2</sup>
Relief	166.00 m
Drainage density	10.3890 km/km <sup>2</sup>
Length of overland flow	48.128 m

## CATCHMENT CLIMATOLOGY

