

Mulavagu Project, Nimmapally (V) Dam

Location	18.5239° N, 78.6444° E
State	Telangana
Nearest City	Sircilla
Year of Completion	1979
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Mulavagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	750.0 m
Reservoir Area	603000.0 m ²
Gross storage capacity	5970000.0 m ³
Effective storage capacity	5970000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	162.6 km ²
Perimeter of catchment	62.0 km
Basin Length	17766.0 m
Form factor	0.51518
Circularity ratio	0.53184
Elongation ratio	0.80963
Highest Stream order	6
Max elevation	647.0 m
Min elevation	407.0 m
Mean bifurcation ratio	2.2890
Stream frequency	78.0500 per km ²
Relief	240.00 m
Drainage density	11.0330 km/km ²
Length of overland flow	45.319 m

CATCHMENT CLIMATOLOGY

