

## Ramappa Lake Dam

Location	18.2500° N, 79.9419° E
State	Telangana
Nearest City	Mulug
Year of Completion	1919
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Manair
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	610.0 m
Reservoir Area	23034977.0 m <sup>2</sup>
Gross storage capacity	152939000.0 m <sup>3</sup>
Effective storage capacity	82457000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	170.0 km <sup>2</sup>
Perimeter of catchment	64.1 km
Basin Length	17906.0 m
Form factor	0.53026
Circularity ratio	0.51958
Elongation ratio	0.82140
Highest Stream order	7
Max elevation	450.0 m
Min elevation	193.0 m
Mean bifurcation ratio	2.0949
Stream frequency	75.8570 per km <sup>2</sup>
Relief	257.00 m
Drainage density	10.7290 km/km <sup>2</sup>
Length of overland flow	46.602 m

## CATCHMENT CLIMATOLOGY

