

Mehadrigedda Dam

Location	17.7650° N, 83.1908° E
State	Andhra Pradesh
Nearest City	Visakhapatnam
Year of Completion	1977
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Mehadrigedda
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.7 m
Dam length	1609.0 m
Reservoir Area	10813000.0 m ²
Gross storage capacity	33102000.0 m ³
Effective storage capacity	29530000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	369.7 km ²
Perimeter of catchment	99.6 km
Basin Length	21389.0 m
Form factor	0.80807
Circularity ratio	0.46822
Elongation ratio	1.01400
Highest Stream order	8
Max elevation	548.0 m
Min elevation	1.0 m
Mean bifurcation ratio	5.9025
Stream frequency	76.6980 per km ²
Relief	547.00 m
Drainage density	10.7910 km/km ²
Length of overland flow	46.335 m

CATCHMENT CLIMATOLOGY

