

## Muthyalacheruvu Dam

Location	14.0994° N, 78.0831° E
State	Andhra Pradesh
Nearest City	Dharmavaram
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Ghatprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.0 m
Dam length	838.0 m
Reservoir Area	1172000.0 m <sup>2</sup>
Gross storage capacity	2847000.0 m <sup>3</sup>
Effective storage capacity	2190000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	410.1 km <sup>2</sup>
Perimeter of catchment	101.3 km
Basin Length	30654.0 m
Form factor	0.43639
Circularity ratio	0.50241
Elongation ratio	0.74516
Highest Stream order	8
Max elevation	1069.0 m
Min elevation	523.0 m
Mean bifurcation ratio	2.5606
Stream frequency	73.9400 per km <sup>2</sup>
Relief	546.00 m
Drainage density	10.4150 km/km <sup>2</sup>
Length of overland flow	48.008 m

## CATCHMENT CLIMATOLOGY

