

## Mutchukota Balancing Reservoir Dam

Location	14.8269° N, 77.8711° E
State	Andhra Pradesh
Nearest City	Ananthapur
Year of Completion	1983
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Local Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	620.0 m
Reservoir Area	2194000000.0 m <sup>2</sup>
Gross storage capacity	18915.0 m <sup>3</sup>
Effective storage capacity	18915.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12.0 km <sup>2</sup>
Perimeter of catchment	17.0 km
Basin Length	4798.3 m
Form factor	0.51980
Circularity ratio	0.51755
Elongation ratio	0.81326
Highest Stream order	5
Max elevation	432.0 m
Min elevation	297.0 m
Mean bifurcation ratio	2.1753
Stream frequency	78.1250 per km <sup>2</sup>
Relief	135.00 m
Drainage density	10.9810 km/km <sup>2</sup>
Length of overland flow	45.533 m

## CATCHMENT CLIMATOLOGY

