

## Mid Pennar Stage-I Dam

Location	14.8708° N, 77.4083° E
State	Andhra Pradesh
Nearest City	Anantapur
Year of Completion	1968
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Pennar
Dam Type	Other
Height above lowest foundation level	43.0 m
Dam length	1175.0 m
Reservoir Area	17108000.0 m <sup>2</sup>
Gross storage capacity	146398000.0 m <sup>3</sup>
Effective storage capacity	136906000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7193.1 km <sup>2</sup>
Perimeter of catchment	618.5 km
Basin Length	184170.0 m
Form factor	0.21207
Circularity ratio	0.23634
Elongation ratio	0.51946
Highest Stream order	9
Max elevation	1404.0 m
Min elevation	327.0 m
Mean bifurcation ratio	2.2672
Stream frequency	72.7370 per km <sup>2</sup>
Relief	1077.00 m
Drainage density	10.2200 km/km <sup>2</sup>
Length of overland flow	48.926 m

## CATCHMENT CLIMATOLOGY

