

## Alaganur Balancing Reservoir Dam

Location	15.7075° N, 78.3872° E
State	Andhra Pradesh
Nearest City	Nandikotkur
Year of Completion	2004
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Kanika Vagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.0 m
Dam length	7500.0 m
Reservoir Area	84000000000.0 m <sup>2</sup>
Gross storage capacity	13590.0 m <sup>3</sup>
Effective storage capacity	m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	286.5 km <sup>2</sup>
Perimeter of catchment	113.8 km
Basin Length	38802.0 m
Form factor	0.19028
Circularity ratio	0.27792
Elongation ratio	0.49205
Highest Stream order	7
Max elevation	506.0 m
Min elevation	253.0 m
Mean bifurcation ratio	10.8930
Stream frequency	72.6700 per km <sup>2</sup>
Relief	253.00 m
Drainage density	10.0750 km/km <sup>2</sup>
Length of overland flow	49.626 m

## CATCHMENT CLIMATOLOGY

