

## Vagetikona Reservoir Dam

Location	13.8694° N, 79.3339° E
State	Andhra Pradesh
Nearest City	Kodur
Year of Completion	1998
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	1306.0 m
Reservoir Area	640000.0 m <sup>2</sup>
Gross storage capacity	2030000.0 m <sup>3</sup>
Effective storage capacity	2030000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	73.8 km <sup>2</sup>
Perimeter of catchment	51.8 km
Basin Length	16140.0 m
Form factor	0.28322
Circularity ratio	0.34527
Elongation ratio	0.60030
Highest Stream order	6
Max elevation	1076.0 m
Min elevation	238.0 m
Mean bifurcation ratio	3.3221
Stream frequency	84.1290 per km <sup>2</sup>
Relief	838.00 m
Drainage density	12.5840 km/km <sup>2</sup>
Length of overland flow	39.734 m

## CATCHMENT CLIMATOLOGY

