

## Gorakallu Balancing Reservoir Dam

Location	15.5653° N, 78.4044° E
State	Andhra Pradesh
Nearest City	Nandyal
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Mallama Selavagu
Dam Type	Other
Height above lowest foundation level	48.5 m
Dam length	1731.0 m
Reservoir Area	13445485.0 m <sup>2</sup>
Gross storage capacity	352052000.0 m <sup>3</sup>
Effective storage capacity	291380000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	62.5 km <sup>2</sup>
Perimeter of catchment	44.2 km
Basin Length	17199.0 m
Form factor	0.21144
Circularity ratio	0.40191
Elongation ratio	0.51868
Highest Stream order	6
Max elevation	466.0 m
Min elevation	222.0 m
Mean bifurcation ratio	2.3764
Stream frequency	85.8550 per km <sup>2</sup>
Relief	244.00 m
Drainage density	12.9390 km/km <sup>2</sup>
Length of overland flow	38.644 m

## CATCHMENT CLIMATOLOGY

