

Vanaka Badigedda Dam

Location	18.8986° N, 83.4189° E
State	Andhra Pradesh
Nearest City	Komarada
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Vanaka Badigedda
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.0 m
Dam length	630.0 m
Reservoir Area	1130.0 m ²
Gross storage capacity	56317000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.4 km ²
Perimeter of catchment	17.5 km
Basin Length	5660.8 m
Form factor	0.54431
Circularity ratio	0.71752
Elongation ratio	0.83221
Highest Stream order	5
Max elevation	842.0 m
Min elevation	179.0 m
Mean bifurcation ratio	2.5763
Stream frequency	83.6460 per km ²
Relief	663.00 m
Drainage density	12.2510 km/km ²
Length of overland flow	40.814 m

CATCHMENT CLIMATOLOGY

