

## Janjavati Reservoir Dam

Location	18.8628° N, 83.4344° E
State	Andhra Pradesh
Nearest City	Parvathipuram
Year of Completion	Not Available
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	North East Coast
River	Svarnamukhi Gomula
Dam Type	Earthfill Embankment
Height above lowest foundation level	34.0 m
Dam length	4370.0 m
Reservoir Area	9710000.0 m <sup>2</sup>
Gross storage capacity	96300000.0 m <sup>3</sup>
Effective storage capacity	78551000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	840.5 km <sup>2</sup>
Perimeter of catchment	166.3 km
Basin Length	50458.0 m
Form factor	0.33011
Circularity ratio	0.38189
Elongation ratio	0.64809
Highest Stream order	8
Max elevation	1505.0 m
Min elevation	124.0 m
Mean bifurcation ratio	24.6910
Stream frequency	84.0970 per km <sup>2</sup>
Relief	1381.00 m
Drainage density	12.4990 km/km <sup>2</sup>
Length of overland flow	40.004 m

## CATCHMENT CLIMATOLOGY

