

Buggavanka Project Dam

Location	14.4003° N, 78.8358° E
State	Andhra Pradesh
Nearest City	Cuddapah
Year of Completion	2000
Operated and Maintained by	Andhra Pradesh Water Resources Department
River Basin	Pennar
River	Buggavanka
Dam Type	Other
Height above lowest foundation level	26.0 m
Dam length	2060.0 m
Reservoir Area	1566000.0 m ²
Gross storage capacity	14320000.0 m ³
Effective storage capacity	12040000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	207.4 km ²
Perimeter of catchment	76.7 km
Basin Length	22850.0 m
Form factor	0.39718
Circularity ratio	0.44278
Elongation ratio	0.71089
Highest Stream order	7
Max elevation	817.0 m
Min elevation	166.0 m
Mean bifurcation ratio	2.4518
Stream frequency	84.2640 per km ²
Relief	651.00 m
Drainage density	12.7250 km/km ²
Length of overland flow	39.293 m

CATCHMENT CLIMATOLOGY

