

Nallavagu Dam

Location	18.1703° N, 77.7353° E
State	Telangana
Nearest City	Narayankher
Year of Completion	1969
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Nallavagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.0 m
Dam length	1936.0 m
Reservoir Area	13517000.0 m ²
Gross storage capacity	21130000.0 m ³
Effective storage capacity	18532000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.9 km ²
Perimeter of catchment	8.1 km
Basin Length	2753.8 m
Form factor	0.51272
Circularity ratio	0.74352
Elongation ratio	0.80770
Highest Stream order	4
Max elevation	521.0 m
Min elevation	443.0 m
Mean bifurcation ratio	2.6371
Stream frequency	91.5580 per km ²
Relief	78.00 m
Drainage density	13.8360 km/km ²
Length of overland flow	36.137 m

CATCHMENT CLIMATOLOGY

