

Boggula Vagu Dam

Location	18.5572° N, 79.8592° E
State	Telangana
Nearest City	Rudraram
Year of Completion	1990
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Boggulavagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	1800.0 m
Reservoir Area	2148838.0 m ²
Gross storage capacity	11514200.0 m ³
Effective storage capacity	10338300.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	90.0 km ²
Perimeter of catchment	53.1 km
Basin Length	21438.0 m
Form factor	0.19591
Circularity ratio	0.40072
Elongation ratio	0.49927
Highest Stream order	6
Max elevation	421.0 m
Min elevation	147.0 m
Mean bifurcation ratio	2.7846
Stream frequency	76.5610 per km ²
Relief	274.00 m
Drainage density	10.7420 km/km ²
Length of overland flow	46.544 m

CATCHMENT CLIMATOLOGY

