

Vattivagu Dam

Location	19.2856° N, 79.2689° E
State	Telangana
Nearest City	Asifabad
Year of Completion	2001
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Vottivagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.0 m
Dam length	3006.0 m
Reservoir Area	12240000.0 m ²
Gross storage capacity	82020000.0 m ³
Effective storage capacity	73920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	517.0 km ²
Perimeter of catchment	109.0 km
Basin Length	27623.0 m
Form factor	0.67754
Circularity ratio	0.54659
Elongation ratio	0.92849
Highest Stream order	7
Max elevation	642.0 m
Min elevation	218.0 m
Mean bifurcation ratio	2.3430
Stream frequency	78.6790 per km ²
Relief	424.00 m
Drainage density	11.1480 km/km ²
Length of overland flow	44.852 m

CATCHMENT CLIMATOLOGY

