

Singhabhoopalem Dam

Location	17.4914° N, 80.5531° E
State	Telangana
Nearest City	Yellandu
Year of Completion	1940
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Godamavagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	1500.0 m
Reservoir Area	3683630.0 m ²
Gross storage capacity	1083120.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	121.0 km ²
Perimeter of catchment	52.8 km
Basin Length	18357.0 m
Form factor	0.35914
Circularity ratio	0.54653
Elongation ratio	0.67599
Highest Stream order	6
Max elevation	599.0 m
Min elevation	103.0 m
Mean bifurcation ratio	2.1441
Stream frequency	73.7780 per km ²
Relief	496.00 m
Drainage density	10.3000 km/km ²
Length of overland flow	48.543 m

CATCHMENT CLIMATOLOGY

