

Forbay Lower Sileru (S.H.E.S) Dam

Location	17.9983° N, 81.7008° E
State	Telangana
Nearest City	Badhrachalam
Year of Completion	1978
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Sileru
Dam Type	Earthfill Embankment
Height above lowest foundation level	67.0 m
Dam length	548.0 m
Reservoir Area	1370000.0 m ²
Gross storage capacity	4070000.0 m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.8 km ²
Perimeter of catchment	27.4 km
Basin Length	7020.4 m
Form factor	0.58432
Circularity ratio	0.48284
Elongation ratio	0.86225
Highest Stream order	6
Max elevation	726.0 m
Min elevation	122.0 m
Mean bifurcation ratio	3.6462
Stream frequency	80.8030 per km ²
Relief	604.00 m
Drainage density	11.5830 km/km ²
Length of overland flow	43.165 m

CATCHMENT CLIMATOLOGY

