

Laxmisagar Project Dam

Location	18.5314° N, 78.0075° E
State	Telangana
Nearest City	Bodhan
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Godavari
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	1010.0 m
Reservoir Area	580183.0 m ²
Gross storage capacity	2644000.0 m ³
Effective storage capacity	2380000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	37.7 km ²
Perimeter of catchment	28.1 km
Basin Length	10078.0 m
Form factor	0.37143
Circularity ratio	0.59874
Elongation ratio	0.68746
Highest Stream order	5
Max elevation	663.0 m
Min elevation	410.0 m
Mean bifurcation ratio	2.2906
Stream frequency	79.2590 per km ²
Relief	253.00 m
Drainage density	11.1610 km/km ²
Length of overland flow	44.799 m

CATCHMENT CLIMATOLOGY

