

Lankasagar Dam

Location	17.3317° N, 80.7161° E
State	Telangana
Nearest City	Madhira
Year of Completion	1968
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Kuttalair
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.6 m
Dam length	2718.0 m
Reservoir Area	572680.0 m ²
Gross storage capacity	18827300.0 m ³
Effective storage capacity	17276100.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.7 km ²
Perimeter of catchment	6.1 km
Basin Length	1677.8 m
Form factor	0.59072
Circularity ratio	0.55492
Elongation ratio	0.86696
Highest Stream order	3
Max elevation	209.0 m
Min elevation	165.0 m
Mean bifurcation ratio	2.4199
Stream frequency	73.3630 per km ²
Relief	44.00 m
Drainage density	9.7510 km/km ²
Length of overland flow	51.277 m

CATCHMENT CLIMATOLOGY

