

Koulasnala Project Dam

Location	18.3097° N, 77.6458° E
State	Telangana
Nearest City	Sawargaon
Year of Completion	1999
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Koulasnala
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.0 m
Dam length	1140.0 m
Reservoir Area	6647000.0 m ²
Gross storage capacity	35040000.0 m ³
Effective storage capacity	23530000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	438.9 km ²
Perimeter of catchment	103.5 km
Basin Length	36271.0 m
Form factor	0.33361
Circularity ratio	0.51510
Elongation ratio	0.65152
Highest Stream order	8
Max elevation	661.0 m
Min elevation	445.0 m
Mean bifurcation ratio	2.2279
Stream frequency	80.0300 per km ²
Relief	216.00 m
Drainage density	11.6080 km/km ²
Length of overland flow	43.073 m

CATCHMENT CLIMATOLOGY

