

Sirala Project Dam

Location	19.0744° N, 77.8939° E
State	Telangana
Nearest City	Mudhol
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Gharaparbha
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	767.0 m
Reservoir Area	600000.0 m ²
Gross storage capacity	3766100.0 m ³
Effective storage capacity	3389400.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	76.0 km ²
Perimeter of catchment	38.6 km
Basin Length	13063.0 m
Form factor	0.44514
Circularity ratio	0.64020
Elongation ratio	0.75259
Highest Stream order	6
Max elevation	478.0 m
Min elevation	358.0 m
Mean bifurcation ratio	2.7552
Stream frequency	81.4400 per km ²
Relief	120.00 m
Drainage density	11.7500 km/km ²
Length of overland flow	42.555 m

CATCHMENT CLIMATOLOGY

