

Singaraya Project, Kurella(V), Dam

Location	18.1644° N, 79.0922° E
State	Telangana
Nearest City	Karimnagar
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	10.7 m
Dam length	1780.0 m
Reservoir Area	149223.0 m ²
Gross storage capacity	2940000.0 m ³
Effective storage capacity	2940000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.9 km ²
Perimeter of catchment	10.5 km
Basin Length	4232.7 m
Form factor	0.21587
Circularity ratio	0.44055
Elongation ratio	0.52409
Highest Stream order	4
Max elevation	387.0 m
Min elevation	335.0 m
Mean bifurcation ratio	2.5708
Stream frequency	70.3280 per km ²
Relief	52.00 m
Drainage density	9.3600 km/km ²
Length of overland flow	53.421 m

CATCHMENT CLIMATOLOGY

