

Singotam Dam

Location	16.1681° N, 78.2739° E
State	Telangana
Nearest City	Kolhapur
Year of Completion	1931
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Kalawakole
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.0 m
Dam length	1105.0 m
Reservoir Area	5304883.0 m ²
Gross storage capacity	12000000.0 m ³
Effective storage capacity	8400000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	226.6 km ²
Perimeter of catchment	86.7 km
Basin Length	28766.0 m
Form factor	0.27384
Circularity ratio	0.37874
Elongation ratio	0.59028
Highest Stream order	7
Max elevation	605.0 m
Min elevation	318.0 m
Mean bifurcation ratio	3.0477
Stream frequency	73.0780 per km ²
Relief	287.00 m
Drainage density	10.1520 km/km ²
Length of overland flow	49.252 m

CATCHMENT CLIMATOLOGY

