

Sankara Samudram Balancing Reservoir Dam

Location	16.3894° N, 77.9567° E
State	Telangana
Nearest City	Vanpathy
Year of Completion	1964
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
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Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	3275.0 m
Reservoir Area	4588315.0 m ²
Gross storage capacity	13470000.0 m ³
Effective storage capacity	12570000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	10.4 km
Basin Length	3404.9 m
Form factor	0.51248
Circularity ratio	0.68990
Elongation ratio	0.80751
Highest Stream order	4
Max elevation	427.0 m
Min elevation	337.0 m
Mean bifurcation ratio	2.3447
Stream frequency	80.6220 per km ²
Relief	90.00 m
Drainage density	11.2520 km/km ²
Length of overland flow	44.438 m

CATCHMENT CLIMATOLOGY

