

## Swarna Project Dam

Location	19.2358° N, 78.2042° E
State	Telangana
Nearest City	Nirmal
Year of Completion	1978
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Swarna
Dam Type	Other
Height above lowest foundation level	24.0 m
Dam length	3204.0 m
Reservoir Area	10355000.0 m <sup>2</sup>
Gross storage capacity	42038000.0 m <sup>3</sup>
Effective storage capacity	35857000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	298.5 km <sup>2</sup>
Perimeter of catchment	91.2 km
Basin Length	27343.0 m
Form factor	0.39922
Circularity ratio	0.45145
Elongation ratio	0.71271
Highest Stream order	8
Max elevation	630.0 m
Min elevation	345.0 m
Mean bifurcation ratio	2.4168
Stream frequency	81.0750 per km <sup>2</sup>
Relief	285.00 m
Drainage density	11.6420 km/km <sup>2</sup>
Length of overland flow	42.950 m

## CATCHMENT CLIMATOLOGY

