

## Shanigram Dam

Location	18.1878° N, 79.0150° E
State	Telangana
Nearest City	Karimnagar
Year of Completion	1891
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Shanigram
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.9 m
Dam length	908.0 m
Reservoir Area	6673000.0 m <sup>2</sup>
Gross storage capacity	30920000.0 m <sup>3</sup>
Effective storage capacity	29040000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.8 km <sup>2</sup>
Perimeter of catchment	29.2 km
Basin Length	10926.0 m
Form factor	0.19953
Circularity ratio	0.35207
Elongation ratio	0.50387
Highest Stream order	5
Max elevation	477.0 m
Min elevation	331.0 m
Mean bifurcation ratio	2.3594
Stream frequency	75.2350 per km <sup>2</sup>
Relief	146.00 m
Drainage density	10.3250 km/km <sup>2</sup>
Length of overland flow	48.425 m

## CATCHMENT CLIMATOLOGY

