

Musi Project Dam

Location	17.2342° N, 79.5197° E
State	Telangana
Nearest City	Suryapet
Year of Completion	1963
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Musi
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.0 m
Dam length	4694.0 m
Reservoir Area	25250000.0 m ²
Gross storage capacity	126290000.0 m ³
Effective storage capacity	123780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9518.3 km ²
Perimeter of catchment	626.2 km
Basin Length	187150.0 m
Form factor	0.27175
Circularity ratio	0.30516
Elongation ratio	0.58802
Highest Stream order	9
Max elevation	721.0 m
Min elevation	163.0 m
Mean bifurcation ratio	2.2853
Stream frequency	72.0770 per km ²
Relief	558.00 m
Drainage density	9.9250 km/km ²
Length of overland flow	50.380 m

CATCHMENT CLIMATOLOGY

