

Vemular Project Dam

Location	16.8203° N, 79.7875° E
State	Telangana
Nearest City	Huzurnagar
Year of Completion	1959
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Vemular
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	2040.0 m
Reservoir Area	1734305.0 m ²
Gross storage capacity	9898000.0 m ³
Effective storage capacity	8875000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	675.2 km ²
Perimeter of catchment	137.1 km
Basin Length	47055.0 m
Form factor	0.30493
Circularity ratio	0.45123
Elongation ratio	0.62288
Highest Stream order	7
Max elevation	347.0 m
Min elevation	74.0 m
Mean bifurcation ratio	2.2576
Stream frequency	69.6200 per km ²
Relief	273.00 m
Drainage density	9.4420 km/km ²
Length of overland flow	52.955 m

CATCHMENT CLIMATOLOGY

