

Zildartippa, Molachintapalli Dam

Location	16.1711° N, 78.4475° E
State	Telangana
Nearest City	Kolhapur
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Mahabubnagar
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	288.0 m
Reservoir Area	392500.0 m ²
Gross storage capacity	1582450.0 m ³
Effective storage capacity	1582450.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.2 km ²
Perimeter of catchment	30.4 km
Basin Length	10299.0 m
Form factor	0.21855
Circularity ratio	0.31489
Elongation ratio	0.52734
Highest Stream order	5
Max elevation	750.0 m
Min elevation	307.0 m
Mean bifurcation ratio	2.4147
Stream frequency	82.8670 per km ²
Relief	443.00 m
Drainage density	12.1210 km/km ²
Length of overland flow	41.250 m

CATCHMENT CLIMATOLOGY

