

## Kotepally Project Dam

Location	17.3517° N, 77.7508° E
State	Telangana
Nearest City	Vikarabad
Year of Completion	1968
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Krishna
River	Kotepallyvagu
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.0 m
Dam length	2189.0 m
Reservoir Area	5650378.0 m <sup>2</sup>
Gross storage capacity	44514000.0 m <sup>3</sup>
Effective storage capacity	36868000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	115.7 km <sup>2</sup>
Perimeter of catchment	53.4 km
Basin Length	16593.0 m
Form factor	0.42028
Circularity ratio	0.51059
Elongation ratio	0.73127
Highest Stream order	7
Max elevation	695.0 m
Min elevation	502.0 m
Mean bifurcation ratio	2.3818
Stream frequency	78.0190 per km <sup>2</sup>
Relief	193.00 m
Drainage density	11.1510 km/km <sup>2</sup>
Length of overland flow	44.840 m

## CATCHMENT CLIMATOLOGY

